



SACRED HEART COLLEGE (AUTONOMOUS)

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3.4.6 - Bibliometrics of the publications during the last five years based on Scopus h-Index of the University

	TITLE OF THE PAPER	NAME OF THE AUTHOR	TITLE OF THE JOURNAL	YEAR OF PUBLICATION	SCOPUS CITATIONS	H-INDEX RANK
1	Anticancer Activity Of Silver Nanoparticles Synthesized Using Aqueous Fruit Shell Extract Of Tamarindus Indica On Mcf-7 Human Breast Cancer Cell Line	Gomathi A.c., Xavier Rajarathinam S.r., Mohammed Sadiq A., Rajeshkumar S.	Journal Of Drug Delivery Science And Technology	2020	210	1
2	Green Synthesis Of Zno Nanoparticle Using Prunus Dulcis (almond Gum) For Antimicrobial And Supercapacitor Applications	Theophil Anand G., Renuka D., Ramesh R., Anandaraj L., John Sundaram S., Ramalingam G., Magdalane C.m., Bashir A.k.h., Maaza M., Kaviyarasu K.	Surfaces And Interfaces	2019	113	2
3	Shock Wave Induced Anatase To Rutile Tio2 Phase Transition Using Pressure Driven Shock Tube	Kalaiarasi S., Sivakumar A., Martin Britto Dhas S.a., Jose M.	Materials Letters	2018	78	3
4	Structural And Optical Properties Of Nickel Oxide Nanoparticles: Investigation Of Antimicrobial Applications	Anand G.t., Nithiyavathi R., Ramesh R., John Sundaram S., Kaviyarasu K.	Surfaces And Interfaces	2020	78	4
5	Photocatalytic Effect Of Cuo Nanoparticles Flower-like 3d Nanostructures Under Visible Light Irradiation With The Degradation Of Methylene Blue (mb) Dye For Environmental Application	George A., Magimai Antoni Raj D., Venci X., Dhayal Raj A., Albert Irudayaraj A., Josephine R.l., John Sundaram S., Al-mohaimeed A.m., Al Farraj D.a., Chen T.-w., Kaviyarasu K.	Environmental Research	2022	74	5
6	Shock Wave Driven Solid State Phase Transformation Of Co3o4to Coo Nanoparticles	Sivakumar A., Soundarya S., Jude Dhas S.s., Bharathi K.k., Dhas S.a.m.b.	Journal Of Physical Chemistry C	2020	63	6
7	Effect Of Shock Waves On Thermophysical Properties Of Adp And Kdp Crystals	Sivakumar A., Suresh S., Balachandar S., Thirupathy J., Kalyana Sundar J., Martin Britto Dhas S.a.	Optics And Laser Technology	2019	56	7
8	Asymptotic Stability Of Nonlinear Discrete Fractional Pantograph Equations With Non-local Initial Conditions	Alzabut J., George Maria Selvam A., El-nabulsi R.a., Vignesh D., Samei M.e.	Symmetry	2021	52	8

9	Investigation On The	Jayakumar G., Irudayaraj	Applied Physics A:	2019	47	9
	Photocatalytic Activity Of Activated Carbon–cerium Oxide (ac–ceo2) Nanocomposite		And Processing			
10	Investigation On The Synthesis And Photocatalytic Activity Of Activated Carbon Cerium Oxide Nanocomposite	Jayakumar G., Albert Irudayaraj A., Dhayal Raj A	Applied Physics A Materials Science And Processing	2019	47	10
11	Magnetically Recoverable Mg Substituted Zinc Ferrite Nanocatalyst For Biodiesel Production: Process Optimization, Kinetic And Thermodynamic Analysis	Ashok A., Ratnaji T., John Kennedy L., Judith Vijaya J., Gnana Pragash R.	Renewable Energy	2021	46	11
12	Nonlinear Optical Properties Of Ag@tio2 Core-shell Nanoparticles Investigated By Continuous Wave He-ne Laser	Sakthisabarimoorthi A., Martin Britto Dhas S.a., Jose M.	Materials Chemistry And Physics	2018	46	12
13	Measurement Of “shock Wave Parameters” In A Novel Table-top Shock Tube Using Microphones	Sivakumar A., Balachandar S., Dhas S.a.m.b.	Human Factors And Mechanical Engineering For Defense And Safety	2020	40	13
14	Effect Of Shock Waves On Dielectric Properties Of Kdp Crystal	Sivakumar A., Suresh S., Pradeep J.a., Balachandar S., Martin Britto Dhas S.a.	Journal Of Electronic Materials	2018	38	14
15	Switchable Phase Transformation (orthorhombic-hexagonal) Of Potassium Sulfate Single Crystal At Ambient Temperature By Shock Waves	Sivakumar A., Devi S.r., Dhas S.s.j., Kumar R.m., Bharathi K.k., Dhas S.a.m.b.	Crystal Growth And Design	2020	38	15
16	Gum Mediated Synthesis And Characterization Of CuO Nanoparticles Towards Infectious Disease-causing Antimicrobial Resistance Microbial Pathogens	Nithiyavathi R., John Sundaram S., Theophil Anand G., Raj Kumar D., Dhayal Raj A., Al Farraj D.a., Aljowaie R.m., Abdelgawwad M.r., Samson Y., Kaviyarasu K.	Journal Of Infection And Public Health	2021	37	16
17	Influence Of Erbium Doping On The Electrical Behaviour Of CaCu3Ti4O12 Ceramics Probed By Impedance Spectroscopy Analysis	Sakthisabarimoorthi A., Martin Britto Dhas S.a., Robert R., Jose M.	Materials Research Bulletin	2018	37	17
18	Shock Wave-induced Switchable Magnetic Phase Transition Behaviour Of ZnFe2O4 Ferrite Nanoparticles	Mowlika V., Sivakumar A., Martin Britto Dhas S.a., Naveen C.s., Phani A.r., Robert R.	Journal Of Nanostructure In Chemistry	2020	37	18
19	Equilibrium Synthesis And Magnetic Properties Of BaFe12O19/nife2o4 Nanocomposite Prepared By Co Precipitation Method	Thirupathy C., Cathrin Lims S., John Sundaram S., Mahmoud A.h., Kaviyarasu K.	Journal Of King Saud University - Science	2020	35	19
20	Solvothermal Synthesis Of Bi2S3 Nanoparticles And	Arumugam J., Raj A.d., Irudayaraj A.a., Thambidurai M.	Materials Letters	2018	35	20

	Nanorods Towards Solar					
21	Structural, Optical And Magnetic Properties Of Silver Oxide (ago) Nanoparticles At Shocked Conditions	Rita A., Sivakumar A., Dhas S.s.j., Dhas S.a.m.b.	Journal Of Nanostructure In Chemistry	2020	34	21
22	On Hyers–ulam Mittag-leffler Stability Of Discrete Fractional Duffing Equation With Application On Inverted Pendulum	Selvam A.g.m., Baleanu D., Alzabut J., Vignesh D., Abbas S.	Advances In Difference Equations	2020	33	22
23	Tuning The Optical Band Gap Of Pure Tio2 Via Photon Induced Method	G. N., A. D.r., A. A.i., R.l. J.	Optik	2019	33	23
24	Shock Wave Recovery Studies On Structural And Magnetic Properties Of - fe2o3 Nps	Rita A., Sivakumar A., Jose M., Dhas S.a.m.b.	Materials Research Express	2019	31	24
25	Shock Wave Induced Enhancement Of Optical Properties Of Benzil Crystal	Sivakumar A., Saranraj A., Dhas S.s.j., Dhas S.a.m.b.	Materials Research Express	2019	30	25
26	Impact Of Shock Waves On Molecular And Structural Response Of Potassium Dihydrogen Phosphate Crystal	Sivakumar A., Dhas S.s.j., Balachandar S., Dhas S.a.m.b.	Journal Of Electronic Materials	2019	29	26
27	Temperature Effect On Cuo Nanoparticles: Antimicrobial Activity Towards Bacterial Strains	George A., Raj D.m.a., Raj A.d., Irudayaraj A.a., Arumugam J., Senthil Kumar M., Prabu H.j., Sundaram S.j., Al-dhabi N.a., Arasu M.v., Maaza M., Kaviyarasu K.	Surfaces And Interfaces	2020	29	27
28	A Review On Metrics For Ontology Evaluation	Lourdusamy R., John A.	Proceedings Of The 2nd International Conference On Inventive Systems And Control, Icisc 2018	2018	28	28
29	Electrical And Magnetic Properties Of Nanostructured Ni Doped Ceo2 For Optoelectronic Applications	Jayakumar G., Albert Irudayaraj A., Dhayal Raj A., John Sundaram S., Kaviyarasu K.	Journal Of Physics And Chemistry Of Solids	2022	28	
30	The Existence, Uniqueness, And Stability Analysis Of The Discrete Fractional Three-point Boundary Value Problem For The Elastic Beam Equation	Alzabut J., George Maria Selvam A., Dhineshabu R., Kaabar M.k.a.	Symmetry	2021	28	
31	A Five-residue Motif For The Design Of Domain Swapping In Proteins	Nandwani N., Surana P., Negi H., Mascarenhas N.m., Udgaonkar J.b., Das R., Gosavi S.	Nature Communications	2019	27	
32	Assessment Of Crystallographic And Magnetic Phase Stabilities On Mnfe2o4 Nano Crystalline Materials At Shocked Conditions	Sivakumar A., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Solid State Sciences	2020	27	
33	Bioformulated Hesperidin-loaded Plga Nanoparticles	Balakrishnan K., Casimeer S.c., Ghidan A.y.,	Journal Of Inorganic And	2021	27	

	Counteract The	Ghethan F.y.,	Organometallic			
	Intrinsic Apoptotic Pathway In Cancer Cells	Singaravelu A.	Materials			
34	Microwave Assisted Green Synthesis Of CuO Nanoparticles For Environmental Applications	Theophil Anand G., John Sundaram S., Kanimozhi K., Nithiyavathi R., Kaviyarasu K.	Materials Today: Proceedings	2019	27	
35	Chapter 7 - Traditional Foods From Tropical Root And Tuber Crops: Innovations And Challenges. Innovations And Challenges	Saranraj P., Behera S.s., Ray R.c.	Innovations In Traditional Foods	2019	26	
36	Pythagorean Neutrosophic Fuzzy Graphs	D Ajay., P Chellamani	International Journal Of Neutrosophic Science	2020	26	
37	Investigation On Structural, Optical And Electrical Nature Of Pure And Cr-incorporated Cobalt Oxide Nanoparticles Prepared Via Co-precipitation Method For Photocatalytic Activity Of Methylene Blue Dye	Reena R.s., Aslinjensipriya A., Jose M., Das S.j.	Journal Of Materials Science: Materials In Electronics	2020	26	
38	Influence Of Shock Waves On Structural And Morphological Properties Of Copper Oxide Nps For Aerospace Applications	Rita A., Sivakumar A., Martin Britto Dhas S.a.	Journal Of Nanostructure In Chemistry	2019	25	
39	Influence Of Shock Waves On Structural And Morphological Properties Of Copper Oxide Nps For Aerospace Applications	A Rita., A Sivakumar., S A Martin Britto Dhas	Journal Of Nanostructure In Chemistry	2019	25	
40	A Comprehensive Investigation On The Properties Of Nanostructured Cerium Oxide	Jayakumar G., Albert Irudayaraj A., Dhayal Raj A.	Optical And Quantum Electronics	2019	24	
41	Effect Of Shock Waves On Structural And Dielectric Properties Of Ammonium Dihydrogen Phosphate Crystal	Aswathappa S., Dhas Sathiyadhas S.j., Settu B., Sathiyadhas Amalapushpam M.b.d.	Zeitschrift Fur Kristallographie - Crystalline Materials	2019	24	
42	Fabrication Of Monodispersed A-Fe ₂ O ₃ @SiO ₂ Core-shell Nanospheres And Investigation Of Their Dielectric Behavior	Sakthisabarimoorthi A., Martin Britto Dhas S.a., Jose M.	Journal Of Alloys And Compounds	2019	24	
43	Construction And Characterization Of Photodiodes Prepared With Bi ₂ S ₃ Nanowires	Arumugam J., George A., Raj A.d., Irudayaraj A.a., Josephine R.l., Sundaram S.j., Al-mohaimeed A.m., Al-onazi W.a., Elshikh M.s., Kaviyarasu K.	Journal Of Alloys And Compounds	2021	23	
44	Microwave-assisted Wet Co-torrefaction Of Food Sludge And Lignocellulose Biowaste For Biochar	Zheng N.-y., Lee M., Lin Y.-l., Samannan B.	Process Safety And Environmental Protection	2020	23	

	Production And Nutrient					
45	Structural, Optical, And Morphological Stability Of Zno Nano Rods Under Shock Wave Loading Conditions	Sivakumar A., Victor C., Muralidhr Nayak M., Martin Britto Dhas S.a.	Materials Research Express	2019	23	
46	Tailoring The Dielectric Properties Of Kdp Crystals By Shock Waves For Microelectronic And Optoelectronic Applications	Sivakumar A., Manivannan M., Sahaya Jude Dhas S., Kalyana Sundar J., Jose M., Dhas S.a.m.b.	Materials Research Express	2019	23	
47	Preparation And Characterization Of Fe Doped N-hydroxyapatite For Biomedical Application	Jose, Suja; Senthilkumar, M.; Elayaraja, K.; Haris, M.; George, Amal; Raj, A. Dhayal; Sundaram, S. John; Bashir, A. K. H.; Maaza, M.; Kaviyarasu, K.	Surfaces And Interfaces	2021	23	
48	Investigation Of Structural And Optical Properties Of Nio Nanoparticles Mediated By Plectranthus Amboinicus Leaf Extract	Ramesh R., Yamini V., Sundaram S.j., Khan F.l.a., Kaviyarasu K.	Materials Today: Proceedings	2019	22	
49	Agricultural Soil Reclamation And Restoration Of Soil Organic Matter And Nutrients Via Application Of Organic, Inorganic And Bio Fertilization (mini Review)	Imran., Amaah., Hussain I., Ali I., Ullah S., Iqbal A., Al Tawaha A.r., Al-tawaha A.r., Thangadurai D., Sangeetha J., Rauf A., Saranraj P., Al Sultan W., Al-taey D.k.a., Youssef R.a., Sirajuddin S.n.	Iop Conference Series: Earth And Environmental Science	2021	21	
50	Study On Photocatalytic And Impedance Spectroscopy Investigations Of Composite Cu/zno Nanoparticles	Alsahli M.s., Sakthisabarimoorthi A., Devanesan S., Martin Britto Dhas S.a., Jose M.	Journal Of Materials Science: Materials In Electronics	2019	21	
51	An Mcdm Method Under Neutrosophic Cubic Fuzzy Sets With Geometric Bonferroni Mean Operator	Ajay D., Broumi S., Aldring J.	Neutrosophic Sets And Systems	2020	20	
52	Morphologically Tailored Cu Nanostructures Toward Visible-light-driven Photocatalysis	George A., Raj D.m.a., Raj A.d., Nguyen B.-s., Phan T.-p., Pazhanivel T., Sivashanmugan K., Josephine R.l., Irudayaraj A.a., Arumugam J., Nguyen V.-h.	Materials Letters	2020	20	
53	Shock-wave-induced Nucleation Leading To Crystallization In Water	Sivakumar A., Martin Britto Dhas S.a.	Journal Of Applied Crystallography	2019	20	
54	Ulam Stability Of Linear Differential Equations Using Fourier Transform	Ramdoss M., Selvan-arumugam P., Park C.	Aims Mathematics	2020	20	
55	Enhancement Of The Optical Properties Of Copper Sulfate Crystal By The Influence Of Shock Waves	Sivakumar A., Sarumathi M., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Journal Of Materials Research	2019	19	
56	Hyers-ulam-rassias Stability For The Linear Ordinary Differential Equation Of Third Order	Murali R., Selvan A.p.	Kragujevac Journal Of Mathematics	2018	19	

57	Investigation Of Structural	Rita A., Sivakumar A.,	Journal Of	2020	19	
	Behaviour Of Nickel Oxide Nanoparticles Under Shock Wave Recovery Experiment		And Novel Magnetism			
58	Phase Transformation Of Amorphous To Crystalline Of Multiwall Carbon Nanotubes By Shock Waves	Sivakumar A., Jude Dhas S.s., Pazhanivel T., Almansour A.i., Kumar R.s., Arumugam N., Raj C.j., Dhas S.a.m.b.	Crystal Growth And Design	2021	19	
59	Effect Of Shock Waves On Structural, Thermophysical And Dielectric Properties Of Glycine Phosphate (gpi) Crystal	Sivakumar A., Reena Devi S., Thirupathy J., Mohan Kumar R., Martin Britto Dhas S.a.	Journal Of Electronic Materials	2019	18	
60	Investigation Of Structural And Electrical Properties Of Lithium Cobalt Oxide Nanoparticles For Optoelectronic Applications	Elamathi R., Ramesh R., Aravinthraj M., Manivannan M., Liakath Ali Khan F., Mphale K., Letsholathebe D., Kaviyarasu K., Kennedy J., Maaza M.	Surfaces And Interfaces	2020	18	
61	Regeneration Study Of Mb In Recycling Runs Over Nickel Vanadium Oxide By Solvent Extraction For Photocatalytic Performance For Wastewater Treatments	George A., Dhayal Raj A., Albert Irudayaraj A., Josephine R.I., Venci X., John Sundaram S., Rajakrishnan R., Kuppusamy P., Kaviyarasu K.	Environmental Research	2022	18	
62	Reversible Magnetic Phase Transitions Of Mno ₂ Nano Rods By Shock Wave Recovery Experiments	Rita A., Sivakumar A., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Journal Of Materials Science: Materials In Electronics	2020	18	
63	Electrical Impedance Spectroscopic Investigations Of Monodispersed Sio ₂ Nanospheres	Sakthisabarimoorthi A., Martin Britto Dhas S.a., Jose M.	Superlattices And Microstructures	2018	17	
64	Investigation On The Impact Of Xylenol Orange Dye On The Growth And Properties Of Unidirectional Grown Kdp Crystals For Photonic Applications	Arumugam S., Sathiyadhas S.j.d., Michael J., Pichan K., Muthu S.p., Perumalsamy R., Sathiyadhas Amalapusham M.b.d.	Journal Of Crystal Growth	2019	17	
65	Reaction Time Dependent Investigation On The Properties Of The Bi ₂ S ₃ Nanoparticles: Photocatalytic Application	Arumugam J., Raj A.d., Irudayaraj A.a.	Materials Today: Proceedings	2018	17	
66	Study Of The Electrical And Dielectric Behaviour Of Selenium Doped Ccto Ceramics Prepared By A Facile Sol-gel Route	Chinnathambi M., Sakthisabarimoorthi A., Jose M., Robert R.	Materials Chemistry And Physics	2021	17	
67	The Great Lockdown In The Wake Of Covid-19 And Its Implications: Lessons For Low And Middle-income Countries	Panneer S., Kantamaneni K., Akkayasamy V.s., Susairaj A.x., Panda P.k., Acharya S.s., Rice L., Liyanage C., Pushparaj R.r.b.	International Journal Of Environmental Research And Public Health	2022	17	

68	Biosynthesis Of Silica And	Natesan K., Ponmurugan	Archives Of	2021	16	
	From Trichoderma, Streptomyces And Pseudomonas Spp. Evaluated Against Collar Canker And Red Root-rot Disease Of Tea Plants	Manigandan V., Joy S.p.j., Jayakumar C., Amsaveni G.	And Plant Protection			
69	Crystal Growth And Characterization Of An Efficient Semi-organic Nonlinear Optical (nlo) Donor- π -acceptor Single Crystal: 2-amino-5-nitropyridinium Nitrate (2a5npn) Grown By Slow Evaporation Solution Technique (sest)	Vediyappan S., Vijayan M., Muthu S.p., Perumal R., Sathyadhass Ambalapushpam M.b.d.	Journal Of Materials Science: Materials In Electronics	2018	16	
70	Synthesis And Characterizations Studies Of Zno And Zno-sio ₂ nanocomposite For Biodiesel Applications	Justine M., Joy Prabu H., Johnson I., Magimai Antoni Raj D., John Sundaram S., Kaviyarasu K.	Materials Today: Proceedings	2019	16	
71	Antioxidant Activity Of Zno Nanoparticles Synthesized Using Luffa Acutangula Peel Extract	Ananthalakshmi R., Rajarathinam S.r.x., Sadiq A.m.	Research Journal Of Pharmacy And Technology	2019	15	
72	Discrete Fractional Order Two-point Boundary Value Problem With Some Relevant Physical Applications	Selvam A.g.m., Alzabut J., Dhineshbabu R., Rashid S., Rehman M.	Journal Of Inequalities And Applications	2020	15	
73	Existence And Stability Of Nonlinear Discrete Fractional Initial Value Problems With Application To Vibrating Eardrum	Selvam G.m., Alzabut J., Dhakshinamoorthy V., Jonnalagadda J.m., Abodayeh K.	Mathematical Biosciences And Engineering	2021	15	
74	Modeling And Stability Analysis Of The Spread Of Novel Coronavirus Disease Covid-19	George Maria Selvam A., Alzabut J., Abraham Vianny D., Jacintha M., Yousef F.b.	International Journal Of Biomathematics	2021	15	
75	A Complete Model Of Crimean-congo Hemorrhagic Fever (cchf) Transmission Cycle With Nonlocal Fractional Derivative	Mohammadi H., Kaabar M.k.a., Alzabut J., Selvam A.g.m., Rezapour S.	Journal Of Function Spaces	2021	14	
76	A New Attempt On Synthesis Of Spherical Nano Hydroxyapatite Powders Prepared By Dimethyl Sulfoxide - Poly Vinyl Alcohol Assisted Microemulsion Method	Arun Prakash V.c., Venda I., Thamizharasi V., Sathya E.	Materials Chemistry And Physics	2021	14	
77	Chromium Remediation And Toxicity Assessment Of Nano Zerovalent Iron Against Contaminated Lake Water Sample (puliyanthangal Lake, Tamilnadu, India)	Ahamed M.i.n., Rajeshkumar S., Ragul V., Anand S., Kaviyarasu K.	South African Journal Of Chemical Engineering	2018	14	
78	Existence And Stability Analysis Of Solution For Mathieu Fractional	Tabouche N., Berhail A., Matar M.m., Alzabut J.,	Iranian Journal Of Science And Technology,	2021	14	

	Differential Equations	Selvam A.g.m., Vignesh	Transaction A:			
	Some Physical Phenomena					
79	Growth And Characterization Of Unidirectional Benzil Single Crystal For Photonic Applications	Saranraj A., Thirupathy J., Dhas S.s.j., Jose M., Vinitha G., Dhas S.a.m.b.	Applied Physics B: Lasers And Optics	2018	14	
80	Impact Of Shock Waves On Vibrational And Structural Properties Of Glycine Phosphite	Sivakumar A., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Solid State Sciences	2020	14	
81	Improved Ag Doped Bi2s3 Nanowire-based Photodiode: Fabrication And Performance	Arumugam J., George A., Dhayal Raj A., Albert Irudayaraj A., Josephine R.I., John Sundaram S., Saad Algarni T., Al-mohaimeed A.m., Balasubramanian B., Kaviyarasu K.	Materials Letters	2021	14	
82	Laser Induced Plant Leaf Extract Mediated Synthesis Of CuO Nanoparticles And Its Photocatalytic Activity	Joy Prabu H., Varghese R., Johnson I., John Sundaram S., Dhayal Raj A., Rajagopal R., Kuppusamy P., Sathya R., Kaviyarasu K.	Environmental Research	2022	14	
83	Stability In A Fractional Order Sir Epidemic Model Of Childhood Diseases With Discretization	Selvam A.g.m., Vianny D.a., Jacintha M.	Journal Of Physics: Conference Series	2018	14	
84	The Switchable Phase Transition Of Sodium Sulfate Crystals Activated By Shock Waves	Sivakumar A., Sahaya Jude Dhas S., Sivaprakash P., Almansour A.i., Kumar R.s., Arumugam N., Arumugam S., Martin Britto Dhas S.a.	New Journal Of Chemistry	2021	14	
85	Green Synthesis Of Copper Oxide Nanoparticles Mediated By Aqueous Leaf Extracts Of Leucas Aspera And Morinda Tinctoria	Ramesh Radhakrishnan., Faize Liakath Ali Khan., Aravinthraj Muthu., Anitha Manokaran., John Sundaram Savarenathan ., Kaviyarasu Kasinathan	Letters In Applied Nanobioscience	2021	14	
86	An In Vitro Study On Hexavalent Chromium [Cr(VI)] Remediation Using Iron Oxide Nanoparticles Based Beads	Sathya S., Ragul V., Veeraraghavan V.p., Singh L., Niyas Ahamed M.i.	Environmental Nanotechnology, Monitoring And Management	2020	13	
87	Synthesis Of Quercetin Functionalized Wurtzite Type Zinc Oxide Nanoparticles And Their Potential To Regulate Intrinsic Apoptosis Signaling Pathway In Human Metastatic Ovarian Cancer	Vaikundamoorthy Ramalingam., Pavithra Muthukumar Sathya., Thimmarayan Srivalli., Harshavardhan Mohan	Life Sciences	2022	13	
88	Crystallographic And Magnetic Phase Stabilities Of NiFe ₂ O ₄ Nanoparticles At Shocked Conditions	Mowlika V., Naveen C.s., Phani A.r., Sivakumar A., Dhas S.a.m.b., Robert R.	Journal Of Materials Science: Materials In Electronics	2020	13	
89	Shock Wave-induced Defect Engineering For Investigation On Optical	Aswathappa S., Arumugam S., Jude Dhas S.s., Michael J., Dhas S.a.m.b.	Optical Engineering	2019	13	

	Properties Of Triglycine					
90	Synthesis Of Mn ₃ O ₄ nano Complex Using Aqueous Extract Of Helianthus Annuus Seed Cake And Its Effect On Biological Growth Of Vigna Radiata	Ramesh R., Catherine G., John Sundaram S., Liakath Ali Khan F., Kaviyarasu K.	Materials Today: Proceedings	2019	13	
91	Thermophysical And Optical Properties Of L-tartaric Acid Crystal	Jayapalan T., Sathiyadhas S.j.d., Michael J., Settu B., Sathiyadhas Amalapushpam M.b.d.	Crystal Research And Technology	2018	13	
92	Dielectric Relaxation And Complex Electrical Formulation Studies Of Shockwave-treated Ammonium Dihydrogen Phosphate Crystals	Joshi, J. H.; Dhas, S. A. Martin Britto; Kanchan, D. K.; Joshi, M. J.; Parikh, K. D.	Journal Of Physics And Chemistry Of Solids	2021	13	
93	Bio Synthesis Of Iron Oxide Nanoparticles Using Neem Leaf Cake Extract And Its Influence In The Agronomical Traits Of Vigna Mungo Plant	Ramesh R., D Lakshmi., F Liakath Ali Khan., Gopal Ramalingam., Kasinathan Kaviyarasu	Asian Journal Of Nanoscience And Materials	2020	13	
94	Synthesis Of Mn ₃ O ₄ Nanocomplex Using Aqueous Extract Of Helianthus Annuus Seed Cake And Its Effect On Biological Growth Of Vigna Radiata	Ramesh R., G Catherine., S John Sundaram., F Liakath Ali Khan., K Kaviyarasu	Materials Today: Proceedings	2020	13	
95	An Investigation On Optical, Mechanical And Thermal Properties Of Nickel Sulphate Hexahydrate Single Crystal - A Uv Band Pass Filter	Thirupathy J., Sahaya Jude Dhas S., Jose M., Dhas S.a.m.b.	Materials Research Express	2019	12	
96	Growth Of Bulk Single Crystals Of Urea For Photonic Applications	Saranraj A., Dhas S.s.j., Jose M., Martin Britto Dhas S.a.	Electronic Materials Letters	2018	12	
97	Neutrosophic Semiopen Hypersoft Sets With An Application To Magdm Under The Covid-19 Scenario	Ajay D., Charisma J.j., Boonsatit N., Hammachukiattikul P., Rajchakit G.	Journal Of Mathematics	2021	12	
98	Production Of Sustainable Biofuel From Biogenic Waste Using CuO Nanoparticles As Heterogeneous Catalyst	Santha A., Varghese R., Joy Prabu H., Johnson I., Magimai Antoni Raj D., John Sundaram S.	Materials Today: Proceedings	2019	12	
99	Seed Priming With Chitosan Alleviates Salinity Stress By Improving Germination And Early Growth Parameters In Common Vetch (Vicia Sativa)	Odat N., Tawaha A.m., Hasan M., Imran., Amaah., Al-tawaha A.r., Thangadurai D., Sangeetha J., Rauf A., Khalid S., Saranraj P., Al-taey D.k.a., Safari Z.s., Zahid N.a., Qazizadah A.z., Sirajuddin S.n.	Iop Conference Series: Earth And Environmental Science	2021	12	
100	Shock Waves Exposed A-Fe ₂ O ₃ Nanoparticles For Electrochemical Sensing Of Riboflavin, Uric Acid And Folic Acid	Meenakshi S., Anitta S., Sivakumar A., Martin Britto Dhas S.a., Sekar C.	Microchemical Journal	2021	12	

101	Spectroscopic Assessment	Sivakumar A., Saranraj A.	Spectrochimica	2020	12	
	Benzophenone Crystals At Shock Waves Loaded Condition	P., Arumugam S., Dhas S.a.m.b.	Molecular And Biomolecular Spectroscopy			
102	Synthesis, Growth, Crystal Structure, Thermal, Linear And Nonlinear Opticalanalysis Of New Extended Π -conjugated Organic Material Based On Methyl Pyridinium Compound Of 4-(4-(4-(dimethylamino) Phenyl)buta-1,3-dienyl)-1-methylpyridinium P-styrenesulfonate	Antony P., Sundaram S.j., Ramaclus J.v., Antony Inglebert S., Antony Raj A., Dominique S., Hegde T.a., Vinitha G., Sagayaraj P.	Journal Of Molecular Structure	2019	12	
103	Tuning Of Surface Plasmon Resonance Of Silver Nano Particles By Shock Waves For Plasmonic Device Applications	Sivakumar A., Rita A., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Optics And Laser Technology	2020	12	
104	Aboodh Transform And The Stability Of Second Order Linear Differential Equations	Murali R., Selvan A.p., Park C., Lee J.r.	Advances In Difference Equations	2021	11	
105	An Efficient Piezoelectric Single-crystal L-argininium Phosphite: Structural, Hirshfeld, Electrical And Mechanical Analyses For Nlo Applications	Sonia., Vijayan N., Vij M., Krishna A., Yadav H., Maurya K.k., Dhas S.a.m.b., Kumar P.	Applied Physics A: Materials Science And Processing	2019	11	
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108	Exploration Of Antioxidant, Antibacterial Activities Of Green Synthesized Hesperidin Loaded Plga Nanoparticles	Balakrishnan K., Casimeer S.c., Ghidan A.y., Al Antary T.m., Singaravelu A.	Biointerface Research In Applied Chemistry	2021	11	
109	Modification Of Optical Properties Of Ammonium Dihydrogen Phosphate Crystal By Employing Shock Waves	Aswathappa S., Arumugam S., Sathiyadhas S.j.d., Michael J., Karupannan K.b., Amalapushpam M.b.d.s.	Optical Engineering	2019	11	
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111	Preparation Of Composite Ag@au Core-shell Nanoparticles And Their	Sakthisabarimoorthi A., Martin Britto Dhas S.a., Jose M.	Journal Of Materials Science: Materials In Electronics	2019	11	

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113	Allee Effect And Holling Type - li Response In A Discrete Fractional Order Prey - Predator Model	George Maria Selvam A., Janagaraj R., Vignesh D.	Journal Of Physics: Conference Series	2018	10	
114	A Study Of Generalized Hybrid Discrete Pantograph Equation Via Hilfer Fractional Operator	Shammakh W., George Maria Selvam A., Dhakshinamoorthy V., Alzabut J.	Fractal And Fractional	2022	10	
115	Biogenic Synthesis Of A-fe2o3nanoparticles Using Plectranthus Amboinicus Leaf Extract	Ramesh R., Yamini V., Rajkumar D., John Sundaram S., Lakshmi D., Khan F.l.a.	Materials Today: Proceedings	2019	10	
116	Fourier Transforms And Ulam Stabilities Of Linear Differential Equations	Murali Ramdoss., Ponmana Selvan Arumugam	Frontiers In Functional Equations And Analytic Inequalities	2019	10	
117	Evaluation Of Structural, Optical And Mechanical Behaviour Of L-argininium Bis(trifluoroacetate) Single Crystal: An Efficient Organic Material For Second Harmonic Generation Applications	Sonia., Vijayan N., Vij M., Yadav H., Kumar R., Sur D., Singh B., Martin Britto Dhas S.a., Verma S.	Journal Of Physics And Chemistry Of Solids	2019	10	
118	Firmness And Bandgap Engineered Anatase Tio2 Nanoparticles For Enhanced Visible Light Photocatalytic Activity	Nagaraj G., Senthil R.a., Ravichandran K.	Materials Research Express	2019	10	
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145	Effect Of Annealing On The Photoluminescence And Thermoluminescence Properties Of Eu2+ Doped Baso4 Microgravel	S Sahaya Jude Dhas., S Suresh., A Rita., S A Martin Britto Dhas., R Gowri Shankar Rao., C S Biju	Journal Of Materials Science: Materials In Electronics	2020	8	
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157	Synthesis, Growth And Characterization Of A New Acentric 4-[4-(4-dimethylamino-phenyl)buta-1,3-dienyl]-1-methyl Pyridinium P-chlorobenzenesulfonate Dihydrate Crystal For Nonlinear Optical Applications	Sundaram S.j., Ramaclus J.v., Antony P., Jaccob M., Sagayaraj P.	New Journal Of Chemistry	2018	7	
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161	Synthesis And Characterization Of Nickel Oxide Nanoparticles By Sol-gel Technique	Infantiya Stephen Grace ., J Vinola., Shubramaniyan Deepapriya., David Rodney John., A Aslinjensipriya., R Sylvia Reena., Anandhan Chamundeeswari., M Jose., Das Savarimuthu Jerome	Aip Conference Proceedings	2020	7	
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171	Photocatalytic Degradation Effect Of Cdse Nanoparticles For Textile Wastewater Effluents At Low Cost And Proves To Be Efficient Method	Venci X., George A., Raj A.d., Irudayaraj A.a., Pazhanivel T., Josephine R.l., Sundaram S.j., Kaviyarasu K., Raja A., Almekhlafi F.a., Wadaan M.a.	Environmental Research	2022	6	
172	Shock Wave Induced Crystallographic Structural Phase Transitions (tri-states) Of L -threonine Crystal	Sivakumar A., Saranraj A., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Perumal K., Dhas S.a.m.b.	Journal Of Physical Chemistry C	2021	6	
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174	Shock Wave Induced Defect Engineering On Structural And Optical Properties Of Pure And Dye Doped Potassium Dihydrogen Phosphate Crystals	Aswathappa S., Palaniyasan E., Dhas Sathiyadhas S.j., Jayaperumal K.s., Paramasivam S., Sonachalam A., Dhas Sathiyadhas Amalapushpam M.b.	Zeitschrift Fur Kristallographie - Crystalline Materials	2020	6	
175	Synthesis And Characterization Of Surfactant Assisted Hydroxyapatite Powder Using Microemulsion Method	Collins Arun Prakash V., Venda I., Thamizharasi V.	Materials Today: Proceedings	2021	6	
176	Topological Analysis Of Pahs Using Irregularity Based Indices	Konsalraj J., Padmanabhan V., Perumal C.	Biointerface Research In Applied Chemistry	2022	6	
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184	Dynamic Shock Wave-induced Amorphous-to-crystalline Switchable Phase Transition Of Lithium Sulfate	Sivakumar A., Jude Dhas S.s., Chakraborty S., Kumar R.s., Almansour A.i., Arumugam N., Dhas S.a.m.b.	Journal Of Physical Chemistry C	2022	5	
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186	Euler-lagrange Radical Functional Equations With Solution And Stability	Ramdoss M., Pachaiyappan D., Dutta H.	Miskolc Mathematical Notes	2020	5	
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188	Functional Equation And Its Modular Stability With And Without Δp -condition	Ramdoss M., Pachaiyappan D., Dutta H.	Filomat	2020	5	
189	Fuzzy Magic Labelling Of Neutrosophic Path And Star Graph	Ajay D., Chellamani P.	Advances In Mathematics: Scientific Journal	2020	5	
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196	Oscillation Criteria For A Class Of Nonlinear Discrete Fractional Order Equations With Damping Term	Chatzarakis G.e., Selvam G.m., Janagaraj R., Miliaras G.n.	Mathematica Slovaca	2020	5	
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200	Role Of Surfactant In Tailoring The Properties Of Bi ₂ S ₃ Nanoparticles For Photocatalytic Degradation Of Methylene Blue Dye	Arumugam J., George A., Dhayal Raj A., Selvaraj M., Albert Irudayaraj A., Pazhanivel T., Josephine R.l., Bhuvanewari K.	Journal Of Materials Science: Materials In Electronics	2022	5	
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202	Shock Wave Induced Phase Transition From Crystalline To The Amorphous State Of Lead Nitrate Crystals	Sivakumar A., Eniya P., Dhas S.s.j., Kumar R.s., Almansour A.i., Sivashanmugan K., Sundar J.k., Dhas S.a.m.b.	Crystengcomm	2022	5	
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205	Structural, Dielectric, Thermal And Antibacterial Properties Of A Ferroelectric Single Crystal: Bis-glycine Cobalt Sulphate Pentahydrate	Balakrishnan T., Revathi P., Krishnaveni A., Thirupathy J., Ramamurthi K.	Journal Of Materials Science: Materials In Electronics	2018	5	
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210	Adaptation Using Machine Learning For Personalized Elearning Environment Based On Students Preference	John Martin A., Maria Dominic M.	International Journal Of Innovative Technology And Exploring Engineering	2019	4	
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212	A Survey On The Oscillation Of Solutions For Fractional Difference Equations	Alzabut J., Agarwal R.p., Grace S.r., Jonnalagadda J.m., Selvam A.g.m., Wang C.	Mathematics	2022	4	
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221	Isolation Of Bioactive Compounds From Lichen Parmelia Sulcata And Evaluation Of Antimicrobial Property	Gandhi A.d., Umamahesh K., Sathiyaraj S., Suriyakala G., Velmurugan R., Al Farraj D.a., Gawwad M.r.a., Murugan K., Babujanarthanam R., Saranya R.	Journal Of Infection And Public Health	2022	4	
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224	Multicriteria Group Decision Making Based On Projection Measures On Complex Pythagorean Fuzzy Sets	Aldring J., Ajay D.	Granular Computing	2022	4	
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226	Ontology Mediation Method For Building Multilingual Ontologies	Joseph M.f., Lourdusamy R.	International Journal Of Information Technology (singapore)	2018	4	
227	Optical, Dielectric Properties And Thermal Analysis On Sodium Sulfanilate Dihydrate Nonlinear Optical Single Crystal	Thirupathy J., Dhas S.s.j., Jose M., Dhas S.a.m.b.	Journal Of Materials Science: Materials In Electronics	2019	4	
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229	Self-assembly Of Cdse 3d Urchins And Their Photocatalytic Response	Venci X., George A., Raj A.d., Irudayaraj A.a., Josephine R.l., Sundaram S.j., Kaviyarasu K.	Environmental Research	2022	4	
230	Shock Wave Induced Reversible Phase Transition From Crystalline To Semi-crystalline States Of Lithium Sulfate Monohydrate	Sivakumar A., Dhas S.s.j., Sivaprakash P., Kumar R.s., Almansour A.i., Perumal K., Arumugam S., Dhas S.a.m.b.	Journal Of Solid State Chemistry	2022	4	
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244	Assessment Of Crystallographic And Electronic Phase Stability Of Shock Wave Loaded Cubic Cerium Oxide Nanoparticles	Sivakumar A., Ramya S., Sahaya Jude Dhas S., Almansour A.i., Kumar R.s., Arumugam N., Murugesan M., Martin Britto Dhas S.a.	Ceramics International	2022	3	
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246	Coding Techniques Through Two Star Graphs And Mean Labeling	Hariprabakaran P., Manshath A., Swathy V., Balaji V.	Advances In Mathematics: Scientific Journal	2020	3	
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249	Stability Of Boundary Value Discrete Fractional Hybrid Equation Of Second Type With Application To Heat Transfer With Fins	Wafa Shammakh., A George Maria Selvam.,vignesh Dhakshinamoorthy., Jehad Alzabut	Symmetry	2022	3	
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258	Green Synthesis And Toxicity Assessment Of Nano Zerovalent Iron Against Chromium Contaminated Surface Water	Niyas Ahamed M.i., Ragul V., Anand S., Kaviyarasu K., Chandru V., Prabhavathi B.	International Journal Of Nanoparticles	2018	3	
259	Hydrothermal Method Of Synthesis, Characterization And Tfn Fo Membrane Performances Of Silvertion-type Anion With 1, 3, 5-triazine Hybrid Material	Samannan B., Chen Y.-s., Selvam J., Peter P., Lin Y.-l., Thavasikani J.	Chemical Engineering Research And Design	2022	3	
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261	Investigation On Crystallinity And Optical Properties Of L-tartaric Acid Single Crystal At Dynamic Shocked Conditions	Sivakumar A., Sahaya Jude Dhas S., Thirupathy J., Sivaprakash P., Anitha K., Kumar R.s., Arumugam S., Martin Britto Dhas S.a.	Journal Of Materials Science: Materials In Electronics	2022	3	
262	Investigation On Nucleation, Growth And Physical Properties Of Low Soluble 4-n, N-dimethylamino-4-n'-methylstilbazolium 4-aminotoluene-3-sulfonate Crystal – A Potential Nlo Material	Sundaram S.j., Raj A.a., Vijay R.j., Jaccob M., Sagayaraj P.	Journal Of Molecular Structure	2021	3	
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268	Shock Waves Induced Enhancement Of Electrochemical Properties Of Cofe2o4 Nanoparticles For Energy Storage Applications	Sivakumar A., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Prabhu S., Sivashanmugan K., Ramesh R., Dhas S.a.m.b.	Surfaces And Interfaces	2021	3	
269	Shockwave Treated Seed Germination And Physiological Growth Of Vigna Mungo (l) In Red Soil Environment	Ramesh R., Vidhya V., Ali Khan F.l., Alnasrawi A.m., Alkahtani J., Elshikh M.s., Kaviyarasu K.	Physiological And Molecular Plant Pathology	2022	3	
270	Stability And Neimark-sacker Bifurcation For A Discrete System Of One-scroll Chaotic Attractor With Fractional Order	George Maria Selvam A., Dhineshbabu R., Gumus O.a.k.	Journal Of Physics: Conference Series	2020	3	
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281	Assessment Of Crystallographic And Magnetic Phase Stabilities Of Cubic Copper Ferrite At Shocked Conditions	Sivakumar A., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Dhas S.a.m.b.	Journal Of Materials Science: Materials In Electronics	2021	2	
282	Assessment Of Structural Stability Of Dye-doped Potassium Dihydrogen Phosphate Under Shocked Conditions	Sivakumar A., Sahaya Jude Dhas S., Sivaprakash P., Almansour A.i., Kumar R.s., Arumugam N., Arumugam S., Martin Britto Dhas S.a.	Journal Of Electronic Materials	2021	2	
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284	A Study Of The Structural, Morphological, And Optical Properties Of Shock Treated Sno2 Nanoparticles: Removal Of Victoria Blue Dye	Jarvin M., Inbanathan S.s.r., Rani Rosaline D., Josephine Prabha A., Martin Britto Dhas S.a.	Heliyon	2022	2	
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289	Bifurcation Behaviour Of A Discrete Differential Algebraic Prey - Predator System With Holling Type Ii Functional Response And Prey Refuge	Selvam A.g.m., Janagaraj R., Hlafta A.	Aip Conference Proceedings	2020	2	
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292	Microbial Bioethanol Fermentation Technologies—recent Trends And Future Prospects	Sudhanshu S Behera., P Saranraj., Ramesh C Ray	Biofuels And Biorefining	2022	2	
293	Development Of Pvp Thin Films With Paba And Ppa As Novel Polymer Electrolytes	Diana Sangeetha R.s., Shanmugam M., Venda I., Collins Arun Prakash V., Daries Bella R.s., Hiran Kumar G.	Materials Today: Proceedings	2021	2	
294	Diffraction And Spectroscopic Assessment Of Crystallographic Phase Stability Of Potassium Dihydrogen Phosphate At Shocked Conditions	Sivakumar A., Dhas S.s.j., Sivaprakash P., Vigneshwaran B., Arumugam S., Britto Dhas S.a.m.	Physica B: Condensed Matter	2022	2	
295	Dynamic Shock Wave Driven Simultaneous Crystallographic And Molecular Switching Between A-fe2o3 And Fe3o4 Nanoparticles - A New Finding	Sivakumar A., Rita A., Sahaya Jude Dhas S., Reddy K.p.j., Kumar R.s., Almansour A.i., Chakraborty S., Moovendaran K., Sridhar J., Martin Britto Dhas S.a.	Dalton Transactions	2022	2	
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297	Fractional Order Alpha Laplace And Extorial Transform By Inverse Difference Operator	Meganathan M., Xavier G.b.a.	Aip Conference Proceedings	2019	2	
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299	Isolation And Nitrogen Fixing Efficiency Of Gluconacetobacter Diazotrophicus Associated With Sugarcane: A Review	Saranraj P., Jayaprakash A., Devi V.d., Al-tawaha A.r.m., Al-tawaha A.r.	Iop Conference Series: Earth And Environmental Science	2021	2	
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306	Pythagorean Nanogeneralized Closed Sets With Application In Decision-making	Ajay D., Charisma J.j., Petaratip T., Hammachukiattikul P., Boonsatit N., Younis J.a., Rajchakit G.	Journal Of Function Spaces	2021	2	
307	Shock Induced Tio2 Nanoparticles And Its Synergistic Effect In Photovoltaic Application	Annie Vinosha P., Ragu R., Kalaiarasi S., Xavier B., Jerome Das S.	Chemical Physics Letters	2020	2	
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309	Sine Trigonometry Operational Laws For Complex Neutrosophic Sets And Their Aggregation Operators In Material Selection	Ajay D., Aldring J., Rajchakit G., Hammachukiattikul P., Boonsatit N.	Cmes - Computer Modeling In Engineering And Sciences	2022	2	
310	Some Properties Of Intuitionistic Dodecagonal Fuzzy Number And Its Application	Jeromia Anthvanet L., Rajkumar A., Ajay D.	Advances In Mathematics: Scientific Journal	2020	2	
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312	Stability Of A Generalized N-variable Mixed-type Functional Equation In Fuzzy Modular Spaces	Ramdoss M., Pachaiyappan D., Park C., Lee J.r.	Journal Of Inequalities And Applications	2021	2	
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317	Synthesis, Characterization And Anti-cancer Studies Of Curcumin Diketimines-heteropolyacid Composites	Samannan B., Selvam J., Thavasikani J.	Asian Journal Of Chemistry	2020	2	
318	Use Of Mycorrhiza In Organic Farming	Tawaha A.r.m., Khanum S., Imran., Amaah., Al Tawaha A.r., Thangadurai D., Sangeetha J., Rauf A., Khalid S., Saranraj P., Safari Z.s., Zahid N.a., Qazizadah A.z., Sirajuddin S.n.	Iop Conference Series: Earth And Environmental Science	2021	2	
319	Well-posed Conditions On A Class Of Fractional Q-differential Equations By Using The Schauder Fixed Point Theorem	Samei M.e., Ahmadi A., Selvam A.g.m., Alzabut J., Rezapour S.	Advances In Difference Equations	2021	2	
320	Health Impacts Of Contaminated Water In India: Coping Strategies For Sustainable Development	J V Arun., A Premkumar	Strategies And Tools For Pollutant Mitigation	2021	2	
321	Extraction And Isolation Of Bioactive Compounds From Lanatana Camara Leaves By Column Chromatographic Techniques	Poongothai Annadurai	Research Journal Of Pharmacy And Technology	2021	2	
322	Analysis And Applications Of Sequential Hybrid Ψ -hilfer Fractional Differential Equations And Inclusions In Banach Algebra	A Boutiara., J Alzabut., George Maria Selvam Amirtha Raj., D Vignesh	Qualitative Theory Of Dynamical Systems	2022	2	
323	Actinobacterial Enzymes-an Approach For Engineering The Rhizosphere Microorganisms As Plant Growth Promotors	Siddharthan N., Sangeetha M., Asokan N., Balagurunathan R., Hemalatha N.	Rhizosphere Engineering	2022	1	
324	A Decision Making Approach Using Linear Diophantine Fuzzy Sets With Dombi Operations	Aldring J., Santhoshkumar S., Ajay D.	Lecture Notes In Networks And Systems	2022	1	
325	Alpha Fractional Frequency Laplace Transform Through Multiseries	Murugesan M., Abdeljawad T., Gnanaprakasam B.a.x., Jarad F.	Advances In Difference Equations	2020	1	
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330	A Septendecic Functional Equation In Matrix Normed Spaces	Ramdoss M., Park C., Veeramani V., Cho Y.	Journal Of Computational Analysis And Applications	2019	1	
331	Assessment Of Shock Resistance Of Barium Ferrite At Dynamic Shocked Conditions	Sivakumar A., Mowlika V., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Robert R., Chakraborty S., Dhas S.a.m.b.	Journal Of Materials Science: Materials In Electronics	2021	1	
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333	Bifurcation And Dynamical Behaviour Of A Fractional Order Lorenz-chen-lu Like Chaotic System With Discretization	George Maria Selvam A., Abraham Vianny D.	Journal Of Physics: Conference Series	2019	1	
334	Summation And Exact Type Solutions For Certain Type Of Fractional Order Difference Equations Using Multi-step Delta Operator	J Leo Amalraj., M Maria Susai Manuel., G Britto Antony Xavier	Aip Conference Proceedings	2022	1	
335	Shock Wave Recovery Experiments On A-v2o5 Nano-crystalline Materials: A Potential Material For Energy Storage Applications	A Sivakumar., S Sahaya Jude Dhas., P Sivaprakash., A Dhayal Raj., Raju Suresh Kumar., S Arumugam., S Prabhu., R Ramesh., Shubhadip Chakraborty., S A Martin Britto Dhas	Journal Of Alloys And Compounds	2022	1	
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337	Dielectric Relaxation And Ftir Analysis Of 2-chlorobenzoic Acid With Aniline And N-methyl Aniline In 1,4-dioxane	Aravinthraj M., Khan F.l.a., Udayaseelan J., Fernandes A.a.	Materials Today: Proceedings	2021	1	
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340	Existence And Uniqueness Of Solutions For Boundary Value Problem Of Fractional Order Difference Equations	George Maria Selvam A., Abraham Vianny D.	Journal Of Physics: Conference Series	2019	1	
341	Fractional Order Predator-prey System With Migration Of Preys In Discrete Time	Selvam A.g.m., Jacob S.b., Jacintha M., Vianny D.a.	Aip Conference Proceedings	2022	1	
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350	Learners Classification For Personalized Learning Experience In E-learning Systems	Martin A.j., Dominic M.m., Francis F.s.	International Journal Of Advanced Computer Science And Applications	2021	1	
351	Linear And Nonlinear Optical Properties Of L-proline Potassium Bromide	Kumar G.s., Pari S., Raja M.d., Christuraj P., Rajkumar D.	Materials Today: Proceedings	2020	1	
352	Mean Cordial Labeling For Three Star Graph	Shainy V.s., Vinothkumar L., Balaji V.	Journal Of Physics: Conference Series	2019	1	
353	Modelling Series Rlc Circuit With Discrete Fractional Operator	Chatzarakis G.e., George Maria Selvam A., Janagaraj R., Vignesh D.	Lecture Notes In Electrical Engineering	2022	1	
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356	N -dimensional Fractional Frequency Laplace Transform By The Inverse Difference Operator	Meganathan M., Abdeljawad T., Xavier G.b.a., Jarad F.	Mathematical Problems In Engineering	2020	1	
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359	Optical, Spectral And Nlo Properties Of L-leucine Potassium Chloride Crystals	Raja M.d., Pari S., Kanagan G., Kumar G.s., Christuraj P., Rajkumar D.	Materials Today: Proceedings	2020	1	
360	Oscillation Behaviour Of Solutions For A Class Of A Discrete Nonlinear Fractional-order Derivatives	Chatzarakis G.e., George Maria Selvam A., Janagaraj R., Miliaras G.n.	Tatra Mountains Mathematical Publications	2022	1	
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363	Privacy Preserving Message Using Padovan Sequence	Angel Sherin D.a., Maheswari V., Balaji V.	Journal Of Physics: Conference Series	2021	1	
364	Reliability Analysis Of Cement Manufacturing Process Using Boolean Function Technique	Merceline Anita A., Kalaiarasi S., Padmavathy G.	Advances In Mathematics: Scientific Journal	2020	1	
365	Reversible Disorder-order Type Structural Phase Transition Of Potassium Dihydrogen Phosphate Bulk Single Crystals Induced By Dynamic Shock Waves	A.sivakumar., Dhas S.s.j., A.saranraj., Sankar R., Kumar R.s., Almansour A.i., Kim I., Dhas S.a.m.b.	Physica B: Condensed Matter	2022	1	
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368	Simultaneous Quantification Of Formoterol Fumarate And Glycopyrrolate Using Reverse Phase High	Kalaiselvan A., Rajarathinam S.r.x., Chandran S.	Asian Journal Of Chemistry	2018	1	

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369	Stability And Anti-chaos Control Of Discrete Quadratic Maps	Mikaeel S.h., Selvam G.m., Shanmugam V.d., Beshayi B.	Iraqi Journal Of Science	2021	1	
370	Stability Of Discrete Fractional Josephson Junction Model	George Maria Selvam A., Vignesh D.	Advances In Mathematics: Scientific Journal	2021	1	
371	Structural, Thermal, Linear And Nonlinear Optical And Cytotoxicity Studies Of A Novel Organic Stilbazolium Salt: 4-[2-(4-hydroxyphenyl)ethenyl]-1-methylpyridinium 4-styrenesulfonate	Antony P., Bharanidharan S., Vijay R.j., Sundaram S.j., Paul Winston A.j.p., Louis L., James J., Sagayaraj P.	Journal Of Molecular Structure	2022	1	
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373	Sustainability Of The Crystallographic Phase Stability Of The Barium Carbonate Nanoparticles At Dynamic Shocked Conditions	Sivakumar A., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Perumal K., Dhas S.a.m.b.	Applied Physics A: Materials Science And Processing	2021	1	
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375	Exponential Operational Laws Of Pythagorean Fuzzy Projection Models For Decision Making	S John Borg., D Ajay., J Aldring	Advances In Mathematics: Scientific Journal	2020	1	
376	Inhibition Of Bacterial And Fungal Phytopathogens Through Volatile Organic Compounds Produced By Pseudomonas Sp	Rabia Naz., Sehar Khushhal., Tayyaba Asif., Sara Mubeen., Saranraj Pazhani., R Z Sayyed	Secondary Metabolites And Volatiles Of Pgpr In Plant-growth Promotion	2022	1	
377	Studies On Structural And Third Order Nonlinear Optical Properties Of Bulk Size Dast: An Interesting Organic Single Crystal For Photonic Applications	M Manivannan., A Saranraj., Martin Britto Dhas Sathiya Dhas Amalapushpam., Jose Michael	Indian Journal Of Physics	2022	1	
378	Functional Equations With Applications In Image Security System	Divyakumari Pachaiyappan., Murali Ramdoss., Choonkil Park	Mathematical Methods In The Applied Sciences	2022	1	
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			Computing And Industry 4.0 (c2i4)			
382	Plant Growth-promoting And Biocontrol Metabolites Produced By Endophytic Pseudomonas Fluorescence	Humaira Yasmin., Saranraj Pazhani., R Z Sayyed., Kokila Muniyandi., A Sudha., P Sivasakthivelan., M Durga Devi., Rabia Naz	Secondary Metabolites And Volatiles Of Pgpr In Plant-growth Promotion	2022	1	
383	Operations On Pythagorean Neutrosophic Graphs	Ajay Devaraj., P Chellamani	Aip Conference Proceedings	2022	1	
384	A Framework For Knowledgebase Curation Using Cognitive Web Architecture	Mattam X.j., Lourdusamy R.	Proceedings - Ieee 2021 International Conference On Computing, Communication, And Intelligent Systems, Icccis 2021	2021	0	
385	A Labeling 'sum Modulo Three' With Verification And An Application	Shendra Shainy V., Margaret Joan Jebarani G., Balaji V.	Journal Of Physics: Conference Series	2021	0	
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388	A Metric Suite To Analyse Strength Of Modularised Ontologies	Lourdusamy R., John A.	International Journal Of Information Technology (singapore)	2019	0	
389	Amgl Coding Techniques With Skolem Mean Like Labeling And Two Star Graphs	Shendra Shainy V., Hariprabakaran P., Swathy V., Balaji V.	Journal Of Physics: Conference Series	2021	0	
390	An Efficient Cryptosystem Using Playfair Cipher Together With Graph Labeling Techniques	Deepa B., Maheswari V., Balaji V.	Journal Of Physics: Conference Series	2021	0	
391	A New Kind Of Encryption And Decryption Of Rgb Colour Image Using Permutation Matrix Multiplication	Avinash N., Jaraldpushparaj S., Sathinathan T., Britto Antony Xavier G.	Aip Conference Proceedings	2022	0	
392	An Intelligent Learning Management System Using Ontology	Magendiran P., Lourdusamy R.	International Journal Of Innovative Technology And Exploring Engineering	2019	0	
393	An N-dimensional Neutrosophic Linguistic Approach To Poverty Analysis With An Empirical Study	Ajay D., Aldring J., Nivetha S.	Decision-making With Neutrosophic Set: Theory And Applications In Knowledge Management	2021	0	
394	A Novel Method Of Shock Wave Induced Seed	Ramesh R., Sathiyarayanan P.,	Materials Today: Proceedings	2019	0	

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395	Applications Of Kamal Transform In Two Tank Mixing Problems	Kalaiaarasi S., Keerthana S., Nithiyapriya N., Anita M.	Advances In Mathematics: Scientific Journal	2020	0	
396	Aq-functional Equation In Matrix Non-archimedean Fuzzy Normed Spaces	Lee J.-r., Anastassiou G.a., Park C., Ramdoss M., Veeramani V.	Journal Of Computational Analysis And Applications	2019	0	
397	A Succinct Novel Searching Algorithm	Celine C., Robert S., Dominic M.	International Journal Of Advanced Computer Science And Applications	2021	0	
398	Asymptotic Stability Of Certain Discrete Fractional Equations	Selvam A.g.m., Vignesh D.	Aip Conference Proceedings	2020	0	
399	A Technique For Encoding And Decoding Using Matrix Theroxy	Ranjani T., Manshath A., Maheshwari V., Balaji V.	Journal Of Physics: Conference Series	2021	0	
400	Bifurcation Analysis And Chaos Control For A Discrete Fractional-order Prey-predator System	George Maria Selvam A., Vignesh D., Janagaraj R.	Springer Proceedings In Mathematics And Statistics	2021	0	
401	Bifurcation Analysis In A Discrete Time Square Root Response Function Of Predator-prey System With Fractional Order	George Maria Selvam A., Janagaraj R.	Journal Of Physics: Conference Series	2020	0	
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403	Bivariate Stochastic Modeling For Tumor Cell Growth Under The Presence Of Oncolytic Virotherapy	Vijaya S., Savitha B.s.	Aip Conference Proceedings	2022	0	
404	Chemopreventive Potential Of Kayan Karpam (traditional Formulation) On B(a)p Induced Lung Cancer In Experimental Mice	Munireddy D.d., Venkatachalam K., Thangavelu K.p.	Research Journal Of Pharmacy And Technology	2021	0	
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408	Skew B-almost Distributive Fuzzy Lattices	K Rekhakshmi., V Maheswari., V Balaji	Aip Conference Proceedings	2022	0	
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410	Computational Intelligence Using Ontology-a Case Study On	Lourdusamy R., Mattam X.j.	Computational Intelligence And Its	2020	0	

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411	Lactic Acid Bacteria And Malolactic Fermentation In Winemaking	P Saranraj., P Sivasakthivelan., M Denayrolles., Ramesh C Ray	Lactic Acid Bacteria In Food Biotechnology	2022	0	
412	General Solution And Hyers–ulam Stability Of Duotrigintic Functional Equation In Multi-banach Spaces	Murali Ramdoss., Antony Raj Aruldass	Frontiers In Functional Equations And Analytic Inequalities	2019	0	
413	Cordial Labeling For Five Star Graph	Viswanathan K., Swathy V., Maheshwari V., Balaji V.	South East Asian Journal Of Mathematics And Mathematical Sciences	2020	0	
414	Correction To: Bioformulated Hesperidin-loaded Plga Nanoparticles Counteract The Mitochondrial-mediated Intrinsic Apoptotic Pathway In Cancer Cells (journal Of Inorganic And Organometallic Polymers And Materials, (2021), 31, 1, (331-343), 10.1007/s10904-0	Balakrishnan K., Casimeer S.c., Ghidan A.y., Ghetan F.y., Venkatachalam K., Singaravelu A.	Journal Of Inorganic And Organometallic Polymers And Materials	2021	0	
415	Coding Strategies Through Three Star Graphs And Mean Labeling	P Hariprabakaran., A Manshath., V Maheswari., V Balaji	Aip Conference Proceedings	2022	0	
416	Learning Content Classification And Mapping Content To Synonymous Learners Based On 2022 Augmented Verb List Of Marzano And Kendall Taxonomy	Celine S., M Maria Dominic., F Sagayaraj Fransis., M Savitha Devi	International Journal Of Advanced Computer Science And Applications	2022	0	
417	Tuning Of Electrical Conductivity Of Lithium Sulfate Induced By Dynamic Shock Waves	A Sivakumar., S Sahaya Jude Dhas., P Sivaprakash., M Manivannan., Raju Suresh Kumar., Abdulrahman I Almansour., K Moovendaran., S Arumugam., S A Martin Britto Dhas	Ionics	2022	0	
418	Crystal Structures Of Two Stilbazole Derivatives: Bis{(e)-4-[4-(diethylamino)styryl]-1-methylpyridin-1-ium} Tetraiodidocadmium(ii) And (e)-4-[4-(diethylamino)styryl]-1-methylpyridin-1-ium 4-methoxybenzenesulfonate Monohydrate	Antony P., Inglebert S.a., Ramaclus J.v., Sundaram S.j., Sagayaraj P.	Acta Crystallographica Section E: Crystallographic Communications	2018	0	
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423	Dynamics Of The Mathematical Model Related To Covid-19 Pandemic With Treatment	Gümüş Ö.a., Selvam A.g.m., Janagaraj R.	Thai Journal Of Mathematics	2022	0	
424	Economic Impact Of Mahatma Gandhi National Rural Employment Guarantee Programme On Rural Women Labourers Of Tamil Nadu	Kurinji Malar R.	Indian Journal Of Economics And Development	2021	0	
425	Effect Of Silver Nanoparticles On Beneficial Microbes In The Environment	Ananthalakshmi R., Aaisha M., Harikesavan G.	Journal Of Scientific And Industrial Research	2019	0	
426	Euler Group And Graph Labeling	Maheswari V., Swaminathan G., Srinivasan K., Balaji V.	Journal Of Advanced Research In Dynamical And Control Systems	2019	0	
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430	Existence And Uniqueness Of Solutions To Fractional Difference Equations With Boundary Conditions	Selvam A.g.m., Dhineshbabu R.	Aip Conference Proceedings	2020	0	
431	Existence Of Nonoscillatory Solutions Of Nonlinear Neutral Delay Difference Equation Of Fractional Order	George Maria Selvam A., Jacintha M., Janagaraj R.	Advances In Mathematics: Scientific Journal	2020	0	
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433	Exponential Similarity Measure For Spherical Fuzzy Sets And Its Application In Pattern Recognition	Ajay D., Pon Hidaya David P.	Smart Innovation, Systems And Technologies	2022	0	
434	Extorial Function And Its Properties In Discrete Calculus	John Borg S., Sathinathan T., Britto Antony Xavier G.	Advances In Mathematics: Scientific Journal	2020	0	
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436	Extra, Sub Exponential And Extorial Functions In Differential And Difference Equations	Sathinathan T., Jaraldpushparaj S., Xavier G.b.a.	Aip Conference Proceedings	2022	0	
437	Fibonacci Series With Several Parameters	Xavier G.b.a., Mohan B.	Springer Proceedings In Mathematics And Statistics	2018	0	
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439	Fractional Order Of Alpha-delta And Its Sums On Extorial Functions	Sathinathan T., Rexma Sherine V., Britto Antony Xavier G.	Advances In Mathematics: Scientific Journal	2020	0	
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454	Orthogonal Stability Of Mixed Type Additive-cubic Functional Equations In Multi-banach Spaces	Murali R., Pinelas S., Raj A.a.	Demonstratio Mathematica	2018	0	
455	Oscillation Theorems For A Class Of Nonlinear Difference Equations With Fractional Order	Selvam A.g.m., Jacintha M., Janagaraj R.	Lecture Notes In Mechanical Engineering	2021	0	
456	Otsmo Labeling On Generalized Petersen Graphs $G_p(n, 2)$	Shendra Shainy V., Margaret Joan Jebarani G., Balaji V.	Journal Of Physics: Conference Series	2019	0	
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460	Qualitative Behavior Of Crowley - Martin Prey Predator Model	Selvam A.g.m., Jacob S.b.	Aip Conference Proceedings	2020	0	
461	Relation Between Electrical Resistance And Conductance Using Multifarious Functional Equations And Applications To Parallel Circuit	Pachaiyappan D., Murali R., Park C., Lee J.r.	Journal Of Inequalities And Applications	2022	0	
462	Relaxed Mean Labeling For Three Star Graph	Shainy V.s., Balaji V.	Aip Conference Proceedings	2020	0	
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467	Spherical Fuzzy Labelling Graphs	Chellamani P., Ajay D.	Journal Of Physics: Conference Series	2021	0	
468	Stabilities And Instabilities Of Rational Functional Equations And Euler-lagrange-jensen (a, B)-sextic Functional Equations	Rassias J.m., Ravi K., Senthil Kumar B.v.	Mathematical Analysis And Applications: Selected Topics	2018	0	
469	Stability Analysis Of A Discrete Fractional Order Modified Sir Epidemic Model	Selvam A.g.m., Jacintha M., Vianny D.a., Vignesh D.	Aip Conference Proceedings	2022	0	
470	Stability And Bifurcations Of A Discrete-time Prey-predator System With Constant Prey Refuge	Selvam A.g.m., Janagaraj R., Jacob S.b., Vignesh D.	Journal Of Physics: Conference Series	2021	0	
471	Stability Of Nonlinear Pantograph Fractional Differential Equation With Integral Operator	Selvam A.g.m., Jacob S.b.	Aip Conference Proceedings	2022	0	
472	Stability Of T-s Fuzzy Mixed Delayed Neural Networks With Markovian Jumping Parameters Through Reliable Sampled Data Control	Ajay D., Sugumar R.	Advances In Mathematics: Scientific Journal	2020	0	
473	Subsistence Of Skolem Mean Labeling Of Six Star Graphs	Vasanthakumar S.u., Manshath A., Balaji V.	Aip Conference Proceedings	2022	0	
474	Sustainable Structural, Morphological And Magnetic Properties Of Mgfe2o4 Nanoparticles Under Dynamic Shock Wave Exposure	Mowlika V., Naveen C.s., Phani A.r., Sivakumar A., Martin Britto Dhas S.a., Robert R.	Materials Letters: X	2022	0	
475	Switchable Phase Transition From Crystalline To Amorphous States Of Cadmium Sulfate Octahydrate Single Crystals By Shock Waves	Sivakumar A., Dhas S.s.j., Showrilu K., Sivaprakash P., Kumar R.s., Almansour A.i., Chakraborty S., Arumugam S., Dhas S.a.m.b.	Physica Status Solidi (b) Basic Research	2022	0	
476	Synthesis And Evaluation Of Regenerated Cellulose And Fibrin Biocomposite Impregnated With Silver Nanoparticles As A Wound Dressing Material	Iqbal Niyas Ahamed M., Kashif P.m., Sankar S., Sastry T.p.	International Journal Of Nano And Biomaterials	2019	0	
477	Synthesis Of Cuo Nanoparticles: Structural And Optical Properties By Sol-gel Method	Reena R.s., Freeda P.j., Deepapriya S., Rodney J.d., Infantiya S.g.a., Aslinjensipriya A., Chamundeshwari M., Jose., Das S.j.	Aip Conference Proceedings	2020	0	
478	Terbium Doped Zinc Ortho Titanate Nanocomposite For Optical Application – A Complementary Theoretical Calculations	Balachandar S., Sugandhi K., Balamurugan R., Jose M., Balasubramaniam S.	Materials Today: Proceedings	2022	0	
479	The Non-covalent Interaction Studies Of O-nitrophenol And Methyl	Udayaseelan J., Aravinthraj M., Liakath Ali Khan F., Devipriya C.p.	Materials Today: Proceedings	2021	0	

	Acetate In Benzene: By					
	Methods					
480	The Role Of C-terminal Helix In The Conformational Transition Of An Arginine Binding Protein	Santhakumar V., Manuel Mascarenhas N.	Journal Of Structural Biology: X	2022	0	
481	The Ulam Stability Of Functional Equation In Matrix Normed Spaces	Murali R., Vithya V.	Advances In Mathematics: Scientific Journal	2020	0	
482	Two Dimensional Second Order Fibonacci Summation Formula With Exponential Functions	Sathinathan T., Britto Antony Xavier G., Vignesh K.	Journal Of Physics: Conference Series	2020	0	
483	Ulam Stability Of Nth Order Difference Equation	Murali R., Asuntha Rani D.i.	Advances In Mathematics: Scientific Journal	2020	0	
484	Ulam Stability Of Solutions Of A Discrete Boundary Value Problem With Fractional Order	George Maria Selvam A., Dhineshbabu R.	Journal Of Physics: Conference Series	2020	0	
485	Unfuzzy Delineation Of Knots	Francis S.	Advances In Mathematics: Scientific Journal	2020	0	
486	Visualizing Non-covalent Interactions Between Propylamine And 2-chlorobenzyl Alcohol In Benzene: Theoretical And Dielectric Relaxation Studies	Aravinthraj M., Liakath Ali Khan F., Sakthimani P., Udayaseelan J.	Journal Of Physics: Conference Series	2021	0	
487	A Comparative Investigation On The Structural Stability Of The Single And Poly-crystalline Sodium Nitrate At Dynamic Shock Wave Loaded Conditions	Sivakumar, A.; Eniya, P.; Dhas, S. Sahaya Jude; Jose, M.; Kumar, Raju Suresh; Sundar, J. Kalyana; Dhas, S. A. Martin Britto	Crystal Research And Technology	2022	0	
488	A Knowledgebase Model Using Rdf Knowledge Graph For Clinical Decision Support Systems	Ravi Lourdusamy., Xavierlal J Mattam	Semantic Web For Effective Healthcare	2021	0	
489	Analysis Of Cognitive Levels Of Questions With Bloom's Taxonomy: A Case Study	Ravi Lourdusamy., Poovizhi Magendiran., Clayton Michael Fonseca	International Journal Of Software Innovation	2022	0	
490	Antitumorigenic Effect Of Various Parts Of Ficus Racemosa In Dalton Lymphoma Ascites Tumor Induced Swiss Albino Mice	A Poongothai., S Annapoorani	International Journal Of Pharmaceutical Sciences And Research	2021	0	
491	Impact Of Ease Of Doing Business On Fdi Inflows Across Different Economies	Mary Femina K S ., Anand Patil ., K A Maria John Joseph ., Jenova Mary T	Ymer	2022	0	
492	Human Happiness At Hard Times – Covid-19 Pandemic	Robert Ramesh Babu Pushparaj., Sigamani Panneer., Antonio Dellagiulia., Komali Kantamaneni., Josiah Stanely Rose., D Shanmugam	Ecs-the Electrochemical Society	2022	0	

493	Gmj Coding Using Even	S Sudhakar ., T Ranjani .,	Journal Of Physics:	2021	0	
	Two Star Graphs					
494	A Method For Performing The Symmetric Anti-difference Equations In Quantum Fractional Calculus	V Rexma Sherine., Gerly Thaniel Gnanamuthu., P Chellamani., Esmail Hassan Abdullatif Al-sabri., Rashad Ismail., Britto Antony Xavier Gnanaprakasam., Avinash Natarajan	Symmetry	2022	0	
495	Role Of Antimicrobials Agents And Studies Using Metal Oxide Nanoparticles	Ramesh Radhakrishnan., G T Fathima Mubashira., M Parasaran., K Kaviyarasu	Materials Horizons: From Nature To Nanomaterials	2022	0	
496	Ulam Stability Of Linear Difference Equations With Initial Conditions	Murali Ramdoss., E Thandapani., A Ponmana Selvan., D I Asuntha Rani	Italian Journal Of Pure And Applied Mathematics	2022	0	
497	Bifurcation And Chaos In A Prey Predator Model With Intra-species Competition	D Abraham Vianny., S Britto Jacob., Mary Jacintha., George Maria Selvam Amirtha Raj	Aip Conference Proceedings	2022	0	
498	Anticancer Activity Of Methanolic Leaf Extract Of Lantana Camara By Hptlc Analysis	Sudha M., Poongothai Annadurai., A Purushothaman., Sakthi V	Journal Of Pharmaceutical Negative Results	2022	0	
499	Chromium Remediation Strategy Of Iron Oxide Nanoparticles-based Beads	S Sathya., V Ragul., Niyas Ahamed Iqbal	International Journal Of Nanomanufacturing	2022	0	
500	Covid-19 And Livelihood Distress Of Tribes In Eastern Ghats: Vulnerabilities And Recovery	Arun J V., Premkumar A	Indian Journal Of Economics And Development	2022	0	
501	Complex Dynamics Of Fractional Order Sir Model With Carrying Capacity In Discrete Time	S Britto Jacob., George Maria Selvam Amirtha Raj., B Menaka., D Abraham Vianny	2022 3rd International Conference On Communication, Computing And Industry 4.0 (c2i4)	2022	0	
502	A Comprehensive Review On The Diagnosis And Testing Strategies For Coronavirus Disease	V Ragul., Vishnu Priya Veeraraghavan., Krishna Mohan Surapaneni., Shanmugrathinam Alagarsamy., Niyas Ahamed Iqbal	International Journal Of Medical Engineering And Informatics	2022	0	
503	Functionalized Nanocomposites Of Gold And Their Optical Studies	Vilvamani Narayanasamy	Asian Journal Of Nanoscience And Materials	2022	0	
504	Securing Data Using Injective Labeling On Acyclic Graphs	D A Angel Sherin., V Maheswari., Balaji Veerasamy	Aip Conference Proceedings	2022	0	
505	Encryption Coding On Dryasoctopetala With Weight Injective Labeling	D A Angel Sherin., V Maheswari., Balaji Veerasamy	Aip Conference Proceedings	2022	0	
506	A Study On The Photocatalytic Efficiency Of Ni ²⁺ , Cd ²⁺ , And Nb ⁵⁺ Doped Ceo ₂ Nanoparticles	Jayakumar Govindasamy., Albert Irudayaraj Alphonse., Dhayal Raj Alphonse., K Kaviyarasu	Biomass Conversion And Biorefinery	2022	0	

3.4.6 - Bibliometrics of the publications during the last five years based on Web of Science – h-index of the Institution

SL.NO	TITLE OF THE PAPER	NAME OF THE AUTHOR	TITLE OF THE JOURNAL	YEAR OF PUBLICATION	WEB OF SCIENCE CITATIONS	H-INDEX RANK
1	Shock Wave Induced Enhancement Of Optical Properties Of Benzil Crystal	Sivakumar A., Saranraj A., Dhas S.s.j., Dhas S.a.m.b.	Materials Research Express	2019	258	1
2	Mahgoub Transform And Hyers–ulam Stability Of First–order Linear Differential Equations	Jung S.-m., Arumugam P.s., Ramdoss M.	Journal Of Mathematical Inequalities	2021	94	2
3	Dynamic Shock Wave Induced Order-disorder Type Phase Transition Of Sodium Nitrate Single Crystal	Sivakumar A., Eniya P., Sahaya Jude Dhas S., Dhas S.j., Sundar J.k., Stephen Rajkumar Inbanathan S., Jose M., Martin Britto Dhas S.a.	Solid State Communications	2022	76	3
4	Development Of Pvp Thin Films With Paba And Ppa As Novel Polymer Electrolytes	Diana Sangeetha R.s., Shanmugam M., Venda I., Collins Arun Prakash V., Daries Bella R.s., Hiran Kumar G.	Materials Today: Proceedings	2021	72	4
5	Stability Of Boundary Value Discrete Fractional Hybrid Equation Of Second Type With Application To Heat Transfer With Fins	Wafa Shammakh., A George Maria Selvam., vignesh Dhakshinamoorthy., Jehad Alzabut	Symmetry	2022	62	5
6	Substituent Effects On The Mesogenic Benzylidenes Of 4-methylaniline: Synthesis, Characterization, Dft, Nlo, Photophysical, Molecular Docking,	Irudaya Jothi A., Rajarathinam C., Arun Viveke A., Bosco Paul M.w.	Journal Of Molecular Liquids	2022	60	6

	And Antibacterial					
7	Spectroscopic Assessment On The Stability Of Benzophenone Crystals At Shock Waves Loaded Condition	Sivakumar A., Saranraj A., Dhas S.s.j., Sivaprakash P., Arumugam S., Dhas S.a.m.b.	Spectrochimica Acta - Part A: Molecular And Biomolecular Spectroscopy	2020	56	7
8	Structural, Optical, And Morphological Stability Of Zno Nano Rods Under Shock Wave Loading Conditions	Sivakumar A., Victor C., Muralidhr Nayak M., Martin Britto Dhas S.a.	Materials Research Express	2019	45	8
9	Synthesis And Characterization Of Sn-doped Tio2 Film For Antibacterial Applications	Rajeswari R., Venugopal D., George A., Raj A.d., Sundaram S.j., Bashir A.k.h., Maaza M., Kaviyarasu K.	Applied Physics A: Materials Science And Processing	2021	44	9
10	Assessment Of Pb, Cd, As And Hg Concentration In Edible Parts Of Broiler In Major Metropolitan Cities Of Tamil Nadu, India	M M., A N., Rajarathinam X., S R.	Toxicology Reports	2021	42	10
11	Growth Of Bulk Single Crystals Of Urea For Photonic Applications	Saranraj A., Dhas S.s.j., Jose M., Martin Britto Dhas S.a.	Electronic Materials Letters	2018	41	11
12	Switchable Crystal-amorphous States Of Niso4·6h2o Induced By A Reddy Tube	Sivakumar A., Sahaya Jude Dhas S., Thirupathy J., Reddy K.p.j., Kumar R.s., Almansour A.i., Chakraborty S., Martin Britto Dhas S.a.	New Journal Of Chemistry	2022	36	12
13	Crystal Growth And Characterization Of 4-[4-(4-dimethylamino-phenyl) Buta-1,3-dienyl]-1-methyl Pyridinium Iodide For	John Sundaram S., Ramaclus J.v., Panneerselvam M., Jaccob M., Antony P., Anandaraj L., Muthupandi S., Paul	Optics And Laser Technology	2020	35	14

	Higher Order Non-linear Applications	Winston A.j.p., Sugayaraj P.				
14	Synthesis, Spectral Characterization And Antibacterial Activity Of Transition Metal (ii) Complexes Of Tetradentate Schiff Base Ligand	Rangaswamy V., Renuka S., Venda I.	Materials Today: Proceedings	2021	34	15
15	Hyers–ulam Stability Of First-order Linear Differential Equations Using Aboodh Transform	Murali R., Selvan A.p., Baskaran S., Park C., Lee J.r.	Journal Of Inequalities And Applications	2021	34	16
16	Dynamic Shock Wave Driven Simultaneous Crystallographic And Molecular Switching Between A-fe ₂ o ₃ And Fe ₃ o ₄ Nanoparticles - A New Finding	Sivakumar A., Rita A., Sahaya Jude Dhas S., Reddy K.p.j., Kumar R.s., Almansour A.i., Chakraborty S., Moovendaran K., Sridhar J., Martin Britto Dhas S.a.	Dalton Transactions	2022	34	17
17	Exploring And Fine Tuning The Properties Of One Dimensional Bi ₂ s ₃ Nanorods	Arumugam J., George A., Venci X., Raj A.d., Irudayaraj A.a., Josphine R.l., Sundaram S.j., Alonazi W.a., Al-mohaimeed A.m., Chen T.-w., Kaviyarasu K.	Journal Of Alloys And Compounds	2022	32	18
18	Production Of Sustainable Biofuel From Biogenic Waste Using Cu _o Nanoparticles As Heterogeneous Catalyst	Santha A., Varghese R., Joy Prabu H., Johnson I., Magimai Antoni Raj D., John Sundaram S.	Materials Today: Proceedings	2019	31	19
19	Assessment Of Crystallographic And Magnetic Phase Stabilities Of Cubic Copper Ferrite At Shocked Conditions	Sivakumar A., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Dhas S.a.m.b.	Journal Of Materials Science: Materials In Electronics	2021	31	20
20	Fractional Order Alpha Laplace And Extorial	Meganathan M., Xavier G.b.a.	Aip Conference Proceedings	2019	30	21

	Transform By Inverse					
	Difference Operator					
21	The Role Of Ph In Enhancing The Capacity Of CuO Nanoparticles For Antibacterial Activity	Magimai Antoni Raj D., George A., Dhayal Raj A., Albert Irudayaraj A., Venci X., Arumugam J., John Sundaram S., Joy Prabu H.	Materials Today: Proceedings	2019	29	22
22	Magnetically Recoverable Mg Substituted Zinc Ferrite Nanocatalyst For Biodiesel Production: Process Optimization, Kinetic And Thermodynamic Analysis	Ashok A., Ratnaji T., John Kennedy L., Judith Vijaya J., Gnana Pragash R.	Renewable Energy	2021	28	23
23	Hyers-ulam Stability Of A Free And Forced Vibrations	Murali R., Selvan A.p.	Kragujevac Journal Of Mathematics	2020	28	24
24	Studies On Structural And Third Order Nonlinear Optical Properties Of Bulk Size Dast: An Interesting Organic Single Crystal For Photonic Applications	M Manivannan., A Saranraj., Martin Britto Dhas Sathiya Dhas Amalapushpam., Jose Michael	Indian Journal Of Physics	2022	28	25
25	Impact Of Amorphous SiO ₂ As Shell Material On Superparamagnetic Fe ₃ O ₄ Nanoparticles And Investigation Of Temperature And Frequency Dependent Dielectric Properties	Divya S., Lims S.c., Manivannan M., Robert R., Jerome Das S., Jose M.	Journal Of Alloys And Compounds	2022	27	26
26	High Shock Resistance Of Polycrystalline Sodium Sulfate Crystals At Dynamic Shocked Conditions	Sivakumar A., Dhas S.s.j., Kumar R.s., Almansour A.i., Murugesan M., Dhas S.a.m.b.	Physica Status Solidi (b) Basic Research	2022	27	27
27	Insights Into Recombination Channels In A Cvt	Kannappan P., Falcão B.p., Asokan K., Leitão J.p., Dhanasekaran R.	Applied Physics A: Materials Science And Processing	2022	27	

	Grown Znse Single Crystal					
28	Tuning Of Surface Plasmon Resonance Of Silver Nano Particles By Shock Waves For Plasmonic Device Applications	Sivakumar A., Rita A., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Optics And Laser Technology	2020	26	
29	Investigation On Synthesis, Growth, Optical, Mechanical, Dielectric And Third Order Non Linear Optical Properties Of Cadmium Chloride Monohydrate Doped Sulphamic Acid Crystals For Nonlinear Optical Device Fabrications	Anandaraj L., Jothi L.	Journal Of Molecular Structure	2022	26	
30	Hydrothermal Method Of Synthesis, Characterization And Tfn Fo Membrane Performances Of Silverton-type Anion With 1, 3, 5-triazine Hybrid Material	Samannan B., Chen Y.-s., Selvam J., Peter P., Lin Y.-l., Thavasikani J.	Chemical Engineering Research And Design	2022	26	
31	Assessment Of Crystallographic And Magnetic Phase Stabilities On Mnfe2o4 Nano Crystalline Materials At Shocked Conditions	Sivakumar A., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Solid State Sciences	2020	25	
32	Investigation On Lanthanum Substitution In Magnetic And Structural Properties Of Group Iv Elements	Deepapriya S., Vinosha P.a., Rodney J.d., Jose M., Krishnan S., Jose J.e., Das S.j.	Vacuum	2019	24	
33	Tailoring The Low Dielectric Constant In Glutamic Acid Doped Ammonium Dihydrogen Phosphate Single Crystal By Virtue Of Mpa Shock Waves	Joshi, J. H.; Dhas, S. A. Martin Britto; Kanchan, D. K.; Joshi, M. J.; Parikh, K. D.	Journal Of Materials Science-materials In Electronics	2020	24	

	For Microelectronic					
	Applications: The Complex Impedance And Modulus Formulation Studies					
34	Ulam Stability Of Linear Difference Equations With Initial Conditions	Murali Ramdoss., E Thandapani., A Ponmana Selvan., D I Asuntha Rani	Italian Journal Of Pure And Applied Mathematics	2022	24	
35	Investigation Of Structural And Optical Properties Of Nio Nanoparticles Mediated By Plectranthus Amboinicus Leaf Extract	Ramesh R., Yamini V., Sundaram S.j., Khan F.l.a., Kaviyarasu K.	Materials Today: Proceedings	2019	23	
36	Synthesis And Characterization Of Surfactant Assisted Hydroxyapatite Powder Using Microemulsion Method	Collins Arun Prakash V., Venda I., Thamizharasi V.	Materials Today: Proceedings	2021	23	
37	Asymptotic Stability Of Nonlinear Discrete Fractional Pantograph Equations With Non-local Initial Conditions	Alzabut J., George Maria Selvam A., El-nabulsi R.a., Vignesh D., Samei M.e.	Symmetry	2021	21	
38	Regeneration Study Of Mb In Recycling Runs Over Nickel Vanadium Oxide By Solvent Extraction For Photocatalytic Performance For Wastewater Treatments	George A., Dhayal Raj A., Albert Irudayaraj A., Josephine R.l., Venci X., John Sundaram S., Rajakrishnan R., Kuppusamy P., Kaviyarasu K.	Environmental Research	2022	21	
39	Investigations On Key Aspects Of Solution Growth L-alanine Strontium Chloride Trihydrate Single Crystal For Non-linear Optical And Photonic Applications	Rathee S.p., Ahlawat D.s., Dhas S.a.m.b., Mauray K.k., Singh B., Bdikin I.	Solid State Communications	2020	20	

40	Fractional Order	Xavier G.b.a.,	Aip Conference	2019	20	
	Neumann Zeta Factorial Function	Sathmathan T., Arun D.	Proceedings			
41	Effect Of Silver Nanoparticles On Beneficial Microbes In The Environment	Ananthalakshmi R., Aaisha M., Harikesavan G.	Journal Of Scientific And Industrial Research	2019	20	
42	Investigation Of Structural And Magnetic Phase Behaviour Of Nickel Oxide Nanoparticles Under Shock Wave Recovery Experiment	Rita A., Sivakumar A., Dhas S.a.m.b.	Journal Of Superconductivity And Novel Magnetism	2020	19	
43	Impact Of Neodymium Doping On The Dielectric And Electrical Properties Of Ccto Synthesized By A Facile Sol-gel Technique	Chinnathambi M., Sakthisabarimoorthi A., Jose M., Robert R.	Journal Of Materials Science: Materials In Electronics	2021	19	
44	Shock Wave Induced Magnetic Phase Transition In Cobalt Ferrite Nanoparticles	Mowlika V., Naveen C.s., Phani A.r., Sivakumar A., Dhas S.a.m.b., Robert R.	Materials Chemistry And Physics	2022	19	
45	Sine Trigonometry Operational Laws For Complex Neutrosophic Sets And Their Aggregation Operators In Material Selection	Ajay D., Aldring J., Rajchakit G., Hammachukiattikul P., Boonsatit N.	Cmes - Computer Modeling In Engineering And Sciences	2022	19	
46	Growth Of High-quality Dstms Single Crystals With Enhanced Optical Properties For Photonic Applications	Manivannan M., Jose M.	Journal Of Electronic Materials	2021	18	
47	Shock Wave Induced Reversible Phase Transition From Crystalline To Semi-crystalline States Of Lithium Sulfate Monohydrate	Sivakumar A., Dhas S.s.j., Sivaprakash P., Kumar R.s., Almansour A.i., Perumal K., Arumugam S., Dhas S.a.m.b.	Journal Of Solid State Chemistry	2022	18	

48	Investigation On	Sivakumar A., Sahaya	Journal Of Materials	2022	18	
	Crystallinity And Optical Properties Of L-tartaric Acid Single Crystal At Dynamic Shocked Conditions	Jade Dhas S., Thirupathy J., Sivaprakash P., Anitha K., Kumar R.s., Arumugam S., Martin Britto Dhas S.a.	Science: Materials In Electronics			
49	Aboodh Transform And The Stability Of Second Order Linear Differential Equations	Murali R., Selvan A.p., Park C., Lee J.r.	Advances In Difference Equations	2021	17	
50	Shock Induced Tio2 Nanoparticles And Its Synergistic Effect In Photovoltaic Application	Annie Vinosha P., Ragu R., Kalaiarasi S., Xavier B., Jerome Das S.	Chemical Physics Letters	2020	17	
51	A Review On Metrics For Ontology Evaluation	Lourdusamy R., John A.	Proceedings Of The 2nd International Conference On Inventive Systems And Control, Icisc 2018	2018	16	
52	An Efficient Piezoelectric Single-crystal L-argininium Phosphite: Structural, Hirshfeld, Electrical And Mechanical Analyses For Nlo Applications	Sonia., Vijayan N., Vij M., Krishna A., Yadav H., Maurya K.k., Dhas S.a.m.b., Kumar P.	Applied Physics A: Materials Science And Processing	2019	16	
53	Two Step Synthesis Of Vanadium Pentoxide Thin Films For Optoelectronic Applications	George A., Raj A.d., Irudayaraj A.a., Raj D.m.a., Venci X., Jayakumar G., Arumugam J., Kumar M.s., Sundaram S.j., Kaviyarasu K.	Materials Today: Proceedings	2019	16	
54	Tuning Of Structural And Magnetic Properties Of Srsno3nanorods In Fabrication Of Blocking Layers For Enhanced Performance Of Dye-sensitized Solar Cells	Mohan T., Kuppusamy S., Michael R.j.v.	Acs Omega	2022	16	

55	Effect Of Shock Waves	Sivakumar A., Suresh	Optics And Laser	2019	15	
	On Thermophysical Properties Of Adp And Kdp Crystals	S., Balachandrar S., Thirupathy J., Kalyana Sundar J., Martin Britto Dhas S.a.	Technology			
56	Improved Ag Doped Bi ₂ S ₃ Nanowire-based Photodiode: Fabrication And Performance	Arumugam J., George A., Dhayal Raj A., Albert Irudayaraj A., Josephine R.I., John Sundaram S., Saad Algarni T., Al-mohaimeed A.m., Balasubramanian B., Kaviyarasu K.	Materials Letters	2021	15	
57	Oscillation Theorems For Damped Fractional Order Difference Equations	Selvam A.g.m., Janagaraj R.	Aip Conference Proceedings	2019	15	
58	Effect Of Shock Waves On Enhancing The Optical Properties Of Ammonium Pentaborate Hexahydrate Single Crystal Molecular Structure	Anandaraj L., Jothi L.	Journal Of Molecular Structure	2021	15	
59	Linear And Nonlinear Optical Properties Of L-proline Potassium Bromide	Kumar G.s., Pari S., Raja M.d., Christuraj P., Rajkumar D.	Materials Today: Proceedings	2020	15	
60	Oscillation Theorems For A Class Of Forced Non-linear Discrete Equations Of Fractional Order With Damping Term	Selvam A.g.m., Jacintha M., Janagaraj R.	Aip Conference Proceedings	2020	15	
61	Equilibrium Synthesis And Magnetic Properties Of BaFe ₁₂ O ₁₉ /NiFe ₂ O ₄ Nanocomposite Prepared By Co Precipitation Method	Thirupathy C., Cathrin Lims S., John Sundaram S., Mahmoud A.h., Kaviyarasu K.	Journal Of King Saud University - Science	2020	14	
62	Synthesis And Characterizations Studies Of ZnO And ZnO-	Justine M., Joy Prabu H., Johnson I., Magimai Antoni Raj	Materials Today: Proceedings	2019	14	

	sio2nanocomposite	D., John Sundaram S.,				
	FOR BIOSENSOR Applications	Kaviyarasu K.				
63	Unstable Cell Efficiency In Cds Quantum Dot Sensitized Solar Cell Using Low Cost Lugols Iodine Aqueous Electrolyte	Vignesh R., Arjun Kumar B., Muthuvinayagam A., Elangovan T., Kaviyarasu K., Theophil Anand G., Ramalingam G.	Materials Today: Proceedings	2019	14	
64	An Approach To Decision-making Via Picture Fuzzy Soft Graphs	Chellamani P., Ajay D., Broumi S., Ligor T.a.a.	Granular Computing	2022	14	
65	Euler-lagrange Radical Functional Equations With Solution And Stability	Ramdoss M., Pachaiyappan D., Dutta H.	Miskolc Mathematical Notes	2020	14	
66	Vacuum-assisted Technique To Modify The Sr Method For Unidirectional Crystal Growth	Saranraj A., Jenipriya A.s., Sahaya Jude Dhas S., Jose M., Martin Britto Dhas S.a.	Crystal Research And Technology	2018	14	
67	Discrete Fractional Order Two-point Boundary Value Problem With Some Relevant Physical Applications	Selvam A.g.m., Alzabut J., Dhineshababu R., Rashid S., Rehman M.	Journal Of Inequalities And Applications	2020	13	
68	Regularity Of Pythagorean Neutrosophic Graphs With An Illustration In Mcdm	Ajay D., Chellamani P., Rajchakit G., Boonsatit N., Hammachukiattikul P.	Aims Mathematics	2022	13	
69	Investigation On Thermo-physical Properties Of L-valinium Picrate Single Crystal For Industrial Applications	Manivannan M., Balachandar S., Jose M., Martin Britto Dhas S.a., Saranraj A.	Materials Letters: X	2021	13	
70	The Great Lockdown In The Wake Of Covid-19 And Its Implications: Lessons For Low And Middle-income Countries	Panneer S., Kantamaneni K., Akkayasamy V.s., Susairaj A.x., Panda P.k., Acharya S.s., Rice	International Journal Of Environmental Research And Public Health	2022	12	

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		Irudayaraj A.a., Raj D.m.a., Arumugam J., Sundaram S.j., Kennedy J., Kaviyarasu K.				
71	Shock Wave Impact, Optical, Chemical Etching And Thermal Analyses Of A Few Technologically Vibrant Crystals	Thirupathy J., Dhas S.s.j., Dhas S.a.m.b.	Journal Of Electronic Materials	2022	12	
72	Assessment Of Structural Stability Of Pure And Xylenol Orange Dye Doped Potassium Dihydroegn Phosphate Probed By Shock Waves	Sivakumar A., Saranraj A., Jude Dhas S.s., Sivaprakash P., Arumugam S., Britto Dhas S.a.m.	Journal Of Electronic Materials	2021	12	
73	Shock Wave-induced Switchable Magnetic Phase Transition Behaviour Of Znfe2o4 Ferrite Nanoparticles	Mowlika V., Sivakumar A., Martin Britto Dhas S.a., Naveen C.s., Phani A.r., Robert R.	Journal Of Nanostructure In Chemistry	2020	11	
74	A Comparative Molecular Structure – Nlo Activity Study Of Ortho-bridged Dibenzaldehydes: Synthesis, Crystal Structure, Shg, And Dft Studies	Jothi A.i., Paul M.w.b., Alexander V.	Journal Of Molecular Structure	2022	11	
75	A Study Of Generalized Hybrid Discrete Pantograph Equation Via Hilfer Fractional Operator	Shammakh W., George Maria Selvam A., Dhakshinamoorthy V., Alzabut J.	Fractal And Fractional	2022	11	
76	Influence Of Solvent And Precursor Concentration On The Properties Of Niv2o6 Nanoparticles	George A., Raj A.d., Irudayaraj A.a., Raj D.m.a., Arumugam J., Sundaram S.j., Kennedy J., Kaviyarasu K.	Surfaces And Interfaces	2020	11	
77	Shock Wave Induced Crystallographic Structural Phase Transitions (tri-states) Of L -threonine Crystal	Sivakumar A., Saranraj A., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Perumal K., Dhas S.a.m.b.	Journal Of Physical Chemistry C	2021	11	

78	One Dimensional	Baleanu D., Alqurashi	Advances In	2019	11	
	Fractional Frequency Fourier Transform By Inverse Difference Operator	M., Murugesan M., Gnanaprakasam B.a.x.	Difference Equations			
79	Oscillation Criteria For A Class Of Nonlinear Discrete Fractional Order Equations With Damping Term	Chatzarakis G.e., Selvam G.m., Janagaraj R., Miliaras G.n.	Mathematica Slovaca	2020	11	
80	Switchable Phase Transition Between Crystalline And Amorphous States Of Cuso4·5h2o By Dynamic Shock Waves	Sivakumar A., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Dhas S.a.m.b.	Crystengcomm	2021	11	
81	A Study Of The Structural, Morphological, And Optical Properties Of Shock Treated Sno2 Nanoparticles: Removal Of Victoria Blue Dye	Jarvin M., Inbanathan S.s.r., Rani Rosaline D., Josephine Prabha A., Martin Britto Dhas S.a.	Heliyon	2022	11	
82	Pythagorean Nanogeneralized Closed Sets With Application In Decision-making	Ajay D., Charisma J.j., Petaratip T., Hammachukiattikul P., Boonsatit N., Younis J.a., Rajchakit G.	Journal Of Function Spaces	2021	11	
83	Alpha Fractional Frequency Laplace Transform Through Multiseries	Murugesan M., Abdeljawad T., Gnanaprakasam B.a.x., Jarad F.	Advances In Difference Equations	2020	11	
84	Structural, Thermal, Linear And Nonlinear Optical And Cytotoxicity Studies Of A Novel Organic Stilbazolium Salt: 4-[2-(4-hydroxyphenyl)ethenyl]-1-methylpyridinium 4-styrenesulfonate	Antony P., Bharanidharan S., Vijay R.j., Sundaram S.j., Paul Winston A.j.p., Louis L., James J., Sagayaraj P.	Journal Of Molecular Structure	2022	11	

85	Impact Of Shock Waves On Molecular And Structural Response Of Potassium Dihydrogen Phosphate Crystal	Sivakumar A., Dhas S.j., Balachandhar S., Dhas S.a.m.b.	Journal Of Electronic Materials	2019	10	
86	A Comprehensive Investigation On The Properties Of Nanostructured Cerium Oxide	Jayakumar G., Albert Irudayaraj A., Dhayal Raj A.	Optical And Quantum Electronics	2019	10	
87	(zn, Ni)-ferrite Nanoparticles For Promoted Osteogenic Differentiation Of Mc3t3-e1 Cells	Mohan, Harshavardhan; Karthi, Natesan; Sathya, Pavithra Muthukumar; Ramalingam, Vaikundamoorthy; Thimmarayan, Srivalli; Hossain, Mohammad Amjad; Aravinthan, Adithan; Shin, Taeho	Journal Of Industrial And Engineering Chemistry	2022	10	
88	Synthesis Of Mn3o4nano Complex Using Aqueous Extract Of Helianthus Annuus Seed Cake And Its Effect On Biological Growth Of Vigna Radiata	Ramesh R., Catherine G., John Sundaram S., Liakath Ali Khan F., Kaviyarasu K.	Materials Today: Proceedings	2019	9	
89	Shock Waves Exposed A-fe2o3 Nanoparticles For Electrochemical Sensing Of Riboflavin, Uric Acid And Folic Acid	Meenakshi S., Anitta S., Sivakumar A., Martin Britto Dhas S.a., Sekar C.	Microchemical Journal	2021	9	
90	Modification Of Optical Properties Of Ammonium Dihydrogen Phosphate Crystal By Employing Shock Waves	Aswathappa S., Arumugam S., Sathiyadhas S.j.d., Michael J., Karupannan K.b., Amalapushpam M.b.d.s.	Optical Engineering	2019	9	
91	Preparation Of Composite Ag@au Core-shell Nanoparticles And Their Linear And	Sakthisabarimoorthi A., Martin Britto Dhas S.a., Jose M.	Journal Of Materials Science: Materials In Electronics	2019	9	

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92	Platinum(ii) Complexes Of Imidazophenanthroline-based Polypyridine Ligands As Potential Anticancer Agents: Synthesis, Characterization, In Vitro Cytotoxicity Studies And A Comparative Ab Initio, And Dft Studies With Cisplatin, Carboplatin, And Oxaliplatin	Alexander C., Nithyakumar A., Paul M.w.b., Arockia Samy N.	Journal Of Biological Inorganic Chemistry	2018	9	
93	Photocatalytic Degradation Effect Of Cdse Nanoparticles For Textile Wastewater Effluents At Low Cost And Proves To Be Efficient Method	Venci X., George A., Raj A.d., Irudayaraj A.a., Pazhanivel T., Josephine R.l., Sundaram S.j., Kaviyarasu K., Raja A., Al-mekhlafi F.a., Wadaan M.a.	Environmental Research	2022	9	
94	Stability Of An N-variable Mixed Type Functional Equation In Probabilistic Modular Spaces	Ramdoss M., Pachaiyappan D., Hwang I., Park C.	Aims Mathematics	2020	9	
95	A Survey On The Oscillation Of Solutions For Fractional Difference Equations	Alzabut J., Agarwal R.p., Grace S.r., Jonnalagadda J.m., Selvam A.g.m., Wang C.	Mathematics	2022	9	
96	Asymptotic Stability Of Certain Discrete Fractional Equations	Selvam A.g.m., Vignesh D.	Aip Conference Proceedings	2020	9	
97	Shock Wave Induced Anatase To Rutile Tio ₂ Phase Transition Using Pressure Driven Shock Tube	Kalaiarasi S., Sivakumar A., Martin Britto Dhas S.a., Jose M.	Materials Letters	2018	8	
98	Influence Of Erbium Doping On The Electrical Behaviour Of CaCu ₃ Ti ₄ O ₁₂ Ceramics	Sakthisabarimoorthi A., Martin Britto Dhas S.a., Robert R., Jose M.	Materials Research Bulletin	2018	8	

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100	Crystal Growth And Characterization Of An Efficient Semi-organic Nonlinear Optical (nlo) Donor- π -acceptor Single Crystal: 2-amino-5-nitropyridinium Nitrate (2a5npr) Grown By Slow Evaporation Solution Technique (sest)	Vediyappan S., Vijayan M., Muthu S.p., Perumal R., Sathyadhass Ambalapushpam M.b.d.	Journal Of Materials Science: Materials In Electronics	2018	8	
101	Growth And Characterization Of Unidirectional Benzil Single Crystal For Photonic Applications	Saranraj A., Thirupathy J., Dhas S.s.j., Jose M., Vinitha G., Dhas S.a.m.b.	Applied Physics B: Lasers And Optics	2018	8	
102	Study On Optical Nonlinearity Of Au@SiO ₂ Composite Nanoparticles Towards Photonic Applications	Sakthisabarimoorthi A., Britto Dhas S.a.m., Jose M.	Materials Chemistry And Physics	2020	8	
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104	Synthesizing Various Organic Polyacid Compounds For Modifying Forward Osmosis Membranes To Enhance Separation Performance	Lin Y.-l., Samannan B., Tung K.-l., Thavasikani J., Dong C.-d., Chen C.-w., Wu C.-h., Cheng Y.-r.	Membranes	2021	8	
105	Dielectric And Thermal Transport Properties Of Lithium Manganate (LiMn ₂ O ₄) For Use In	Thirupathy J., Archana T.	Ecs Journal Of Solid State Science And Technology	2021	8	

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107	Green Synthesis Of Zno Nanoparticle Using Prunus Dulcis (almond Gum) For Antimicrobial And Supercapacitor Applications	Theophil Anand G., Renuka D., Ramesh R., Anandaraj L., John Sundaram S., Ramalingam G., Magdalane C.m., Bashir A.k.h., Maaza M., Kaviyarasu K.	Surfaces And Interfaces	2019	7	
108	Photocatalytic Effect Of Cuo Nanoparticles Flower-like 3d Nanostructures Under Visible Light Irradiation With The Degradation Of Methylene Blue (mb) Dye For Environmental Application	George A., Magimai Antoni Raj D., Venci X., Dhayal Raj A., Albert Irudayaraj A., Josephine R.l., John Sundaram S., Al-mohaimeed A.m., Al Farraj D.a., Chen T.-w., Kaviyarasu K.	Environmental Research	2022	7	
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110	Biogenic Synthesis Of A-fe2o3nanoparticles Using Plectranthus Amboinicus Leaf Extract	Ramesh R., Yamini V., Rajkumar D., John Sundaram S., Lakshmi D., Khan F.l.a.	Materials Today: Proceedings	2019	7	
111	Role Of Surfactant In Tailoring The Properties Of Bi2s3 Nanoparticles For Photocatalytic Degradation Of Methylene Blue Dye	Arumugam J., George A., Dhayal Raj A., Selvaraj M., Albert Irudayaraj A., Pazhanivel T., Josephine R.l., Bhuvaneshwari K.	Journal Of Materials Science: Materials In Electronics	2022	7	

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	Operator in Quantum Calculus	Shenme V., Gerry Tg., Britto Antony Xavier G., Julietraja K., Chellamani P.				
113	Synthesis, Characterization, And Solution Studies Of Polyoxometalate-doped Conducting Polymers	Selvam J., Samannan B., Peter P., Thavasikani J.	Polymers And Polymer Composites	2021	7	
114	Global Stability And Bifurcation Analysis Of A Discrete Time Sir Epidemic Model	Gumus O.a., Cui Q., Selvam G.m., Vianny A.	Miskolc Mathematical Notes	2022	7	
115	Investigation On Nucleation, Growth And Physical Properties Of Low Soluble 4-n, N-dimethylamino-4-n'-methylstilbazolium 4-aminotoluene-3-sulfonate Crystal – A Potential Nlo Material	Sundaram S.j., Raj A.a., Vijay R.j., Jaccob M., Sagayaraj P.	Journal Of Molecular Structure	2021	7	
116	Assessment Of Shock Resistance Of Barium Ferrite At Dynamic Shocked Conditions	Sivakumar A., Mowlika V., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Robert R., Chakraborty S., Dhas S.a.m.b.	Journal Of Materials Science: Materials In Electronics	2021	7	
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118	Crystal Structures Of Two Stilbazole Derivatives: Bis{(e)-4-[4-(diethylamino)styryl]-1-methylpyridin-1-	Antony P., Inglebert S.a., Ramaclus J.v., Sundaram S.j., Sagayaraj P.	Acta Crystallographica Section E: Crystallographic Communications	2018	7	

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120	Morphologically Tailored CuO Nanostructures Toward Visible-light-driven Photocatalysis	George A., Raj D.m.a., Raj A.d., Nguyen B.-s., Phan T.-p., Pazhanivel T., Sivashanmugan K., Josephine R.l., Irudayaraj A.a., Arumugam J., Nguyen V.-h.	Materials Letters	2020	6	
121	Kinetics Of Anatase Phase Transformation Of TiO ₂ Nps Synthesized Using Controlled Hydrolysis Technique	Kalaiarasi S., Jose M.	Applied Physics A: Materials Science And Processing	2018	6	
122	Shock Wave Induced Phase Transition From Crystalline To The Amorphous State Of Lead Nitrate Crystals	Sivakumar A., Eniya P., Dhas S.s.j., Kumar R.s., Almansour A.i., Sivashanmugan K., Sundar J.k., Dhas S.a.m.b.	Crystengcomm	2022	6	
123	Optical, Dielectric Properties And Thermal Analysis On Sodium Sulfanilate Dihydrate Nonlinear Optical Single Crystal	Thirupathy J., Dhas S.s.j., Jose M., Dhas S.a.m.b.	Journal Of Materials Science: Materials In Electronics	2019	6	
124	Solvability And Stability Of Nonlinear Hybrid Δ -difference Equations Of Fractional-order	Alzabut J., George Maria Selvam A., Vignesh D., Gholami Y.	International Journal Of Nonlinear Sciences And Numerical Simulation	2021	6	

125	Thermo Analytical	Kalaiarasi S., Martin	Phase Transitions	2020	6	
	Study Of Phase Transformation Of Tio2 Nanoparticles Prepared Using Mono And Di A-hydroxy Acid Water-soluble Precursor By Hydrothermal Technique	Dr. Dhas S.a., Jose M., Jerome Das S.				
126	Analysis Of Mechanical Behaviour Of L-arginine Hydrobromide Monohydrate (lahbr) Single Crystal Grown By Unidirectional Growth Technique	Thukral K., Sonia., Jha N., Vijayan N., Singh B., Dhas S.a.m.b.	Materials Research Express	2019	6	
127	A Decision Making Approach Using Linear Diophantine Fuzzy Sets With Dombi Operations	Aldring J., Santhoshkumar S., Ajay D.	Lecture Notes In Networks And Systems	2022	6	
128	Optical, Spectral And Nlo Properties Of L-leucine Potassium Chloride Crystals	Raja M.d., Pari S., Kanagan G., Kumar G.s., Christuraj P., Rajkumar D.	Materials Today: Proceedings	2020	6	
129	Functional Equations With Applications In Image Security System	Divyakumari Pachaiyappan., Murali Ramdoss., Choonkil Park	Mathematical Methods In The Applied Sciences	2022	6	
130	A Succinct Novel Searching Algorithm	Celine C., Robert S., Dominic M.	International Journal Of Advanced Computer Science And Applications	2021	6	
131	Structural And Optical Properties Of Nickel Oxide Nanoparticles: Investigation Of Antimicrobial Applications	Anand G.t., Nithiyavathi R., Ramesh R., John Sundaram S., Kaviyarasu K.	Surfaces And Interfaces	2020	5	
132	Electrical And Magnetic Properties Of Nanostructured Ni Doped Ceo2 For	Jayakumar G., Albert Irudayaraj A., Dhayal Raj A., John Sundaram S., Kaviyarasu K.	Journal Of Physics And Chemistry Of Solids	2022	5	

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133	Construction And Characterization Of Photodiodes Prepared With Bi ₂ S ₃ Nanowires	Arumugam J., George A., Raj A.d., Irudayaraj A.a., Josephine R.l., Sundaram S.j., Al-mohaimed A.m., Al-onazi W.a., Elshikh M.s., Kaviyarasu K.	Journal Of Alloys And Compounds	2021	5	
134	Enhancement Of The Optical Properties Of Copper Sulfate Crystal By The Influence Of Shock Waves	Sivakumar A., Sarumathi M., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Journal Of Materials Research	2019	5	
135	Crystallographic And Magnetic Phase Stabilities Of Nife ₂ o ₄ Nanoparticles At Shocked Conditions	Mowlika V., Naveen C.s., Phani A.r., Sivakumar A., Dhas S.a.m.b., Robert R.	Journal Of Materials Science: Materials In Electronics	2020	5	
136	Investigation On Key Properties Of Solution Grown L-leucine Hydrobromide Single Crystal: A Semi-organic Nlo Material	Rathee S.p., Ahlawat D.s., Martin Britto Dhas S.a., Maurya K.k., Singh B., Bdikin I.	Materials Science And Engineering B: Solid-state Materials For Advanced Technology	2021	5	
137	Study On Structural, Magnetic And Electrical Properties Of Perovskite Lanthanum Strontium Manganite Nanoparticles	Jayakumar G., Poomagal D.s., Albert Irudayaraj A., Dhayal Raj A., Kethrin Thresa S., Akshadha P.	Journal Of Materials Science: Materials In Electronics	2020	5	
138	Extorial Solutions For Fractional And Partial Difference Equations With Applications	Xavier G.b.a., Borg S.j., Jaraldpushparaj S.	Aip Conference Proceedings	2019	5	
139	A Comparative Analysis Of Structural Properties On Single And Poly-crystalline Potassium Sulfate Crystals At Shock Wave Loaded Conditions	Sivakumar A., Sahaya Jude Dhas S., Almansour A.i., Kumar R.s., Arumugam N., Perumal K., Martin Britto Dhas S.a.	Solid State Communications	2021	5	
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143	Vdb Analysis For Zeolites Lta Structures	Konsalraj J., Padmanabhan V., Perumal C.	Biointerface Research In Applied Chemistry	2022	5	
144	Bifurcation And Chaotic Behavior Of A Nonlinear Discrete Fractional Order Prey-predator System	Selvam A.g.m., Jacintha M., Vianny D.a.	Aip Conference Proceedings	2019	5	
145	Fabrication And Characterization Of Tio2thin Films And N-tio2/p-si Junction Diodes Via Dip Coating Technique	Rajeswari R., Rajimrd@rediffmail.com., Venugopal D., Jayabal P., Raj A.d.	Acta Physica Polonica A	2020	5	
146	Influence Of Additives On Thermal And Dielectric Properties Of Technologically Important Dast Single Crystals	Manivannan M., Britto Dhas S.a.m., Jose M.	Materials Research Express	2019	5	
147	Diffraction And Spectroscopic Assessment Of Crystallographic Phase Stability Of Potassium Dihydrogen Phosphate At Shocked Conditions	Sivakumar A., Dhas S.s.j., Sivaprakash P., Vigneshwaran B., Arumugam S., Britto Dhas S.a.m.	Physica B: Condensed Matter	2022	5	
148	Spectroscopic And Diffraction Studies Of Polycrystalline Copper Sulfate Pentahydrate At Shocked Conditions	Sivakumar A., Sahaya Jude Dhas S., Elberin Mary Theras J., Jose M., Sivaprakash P., Arumugam S., Martin Britto Dhas S.a.	Solid State Sciences	2021	5	

149	Dielectric Relaxation	Aravinthraj M., Khan	Materials Today:	2021	5	
	And Fourier Analysis Of 2-chlorobenzoic Acid With Aniline And N-methyl Aniline In 1,4-dioxane	P. Indu, Gajaseelan S., Fernandes A.a.	Proceedings			
150	Reversible Disorder-order Type Structural Phase Transition Of Potassium Dihydrogen Phosphate Bulk Single Crystals Induced By Dynamic Shock Waves	A.sivakumar., Dhas S.s.j., A.saranraj., Sankar R., Kumar R.s., Almansour A.i., Kim I., Dhas S.a.m.b.	Physica B: Condensed Matter	2022	5	
151	Switchable Phase Transition Of Crystalline To Amorphous State Of Potassium Nitrate Single Crystal	A Siva Kumar., P Eniya., Abdulrahman I Almansour., Raju Suresh Kumar., Natarajan Arumugam., J Kalyana Sundar., Shubhadip Chakraborty., Martin Britto Dhas Sathiya Dhas Amalapushpam	Surfaces And Interfaces	2022	5	
152	Structural, Optical And Magnetic Properties Of Silver Oxide (ago) Nanoparticles At Shocked Conditions	Rita A., Sivakumar A., Dhas S.s.j., Dhas S.a.m.b.	Journal Of Nanostructure In Chemistry	2020	4	
153	Temperature Effect On Cuo Nanoparticles: Antimicrobial Activity Towards Bacterial Strains	George A., Raj D.m.a., Raj A.d., Irudayaraj A.a., Arumugam J., Senthil Kumar M., Prabu H.j., Sundaram S.j., Al-dhabi N.a., Arasu M.v., Maaza M., Kaviyarasu K.	Surfaces And Interfaces	2020	4	
154	Bioformulated Hesperidin-loaded Plga Nanoparticles Counteract The Mitochondrial-mediated Intrinsic Apoptotic Pathway In Cancer Cells	Balakrishnan K., Casimeer S.c., Ghidan A.y., Ghethan F.y., Venkatachalam K., Singaravelu A.	Journal Of Inorganic And Organometallic Polymers And Materials	2021	4	
155	Hyers-ulam-rassias Stability For The Linear Ordinary Differential	Murali R., Selvan A.p.	Kragujevac Journal Of Mathematics	2018	4	

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157	An Investigation On Optical, Mechanical And Thermal Properties Of Nickel Sulphate Hexahydrate Single Crystal - A Uv Band Pass Filter	Thirupathy J., Sahaya Jude Dhas S., Jose M., Dhas S.a.m.b.	Materials Research Express	2019	4	
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160	Dynamic Shock Wave-induced Switchable Phase Transition Of Magnesium Sulfate Heptahydrate	Sivakumar A., Shailaja P., Dhas S.s.j., Sivaprakash P., Almansour A.i., Kumar R.s., Arumugam N., Arumugam S., Chakraborty S., Dhas S.a.m.b.	Crystal Growth And Design	2021	4	
161	Dietary Phytochemicals As A Potential Source For Targeting Cancer Stem Cells	Manogaran P., Umopathy D., Karthikeyan M., Venkatachalam K., Singaravelu A.	Cancer Investigation	2021	4	
162	Synthesis, Growth And Characterization Of A New Acentric 4-[4-(4-dimethylamino-phenyl)buta-1,3-dienyl]-1-methyl Pyridinium P-chlorobenzenesulfonat	Sundaram S.j., Ramaclus J.v., Antony P., Jaccob M., Sagayaraj P.	New Journal Of Chemistry	2018	4	

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	Nonlinear Optical Applications					
163	Assessment Of Shock Wave Resistance On Brookite Tio ₂	Sivakumar A., Kalaiarasi S., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Dhas S.a.m.b.	Journal Of Materials Science: Materials In Electronics	2021	4	
164	Topological Analysis Of Paks Using Irregularity Based Indices	Konsalraj J., Padmanabhan V., Perumal C.	Biointerface Research In Applied Chemistry	2022	4	
165	Analytic And Numerical Solutions Of Discrete Bagley–torvik Equation	Meganathan M., Abdeljawad T., Motawi Khashan M., Britto Antony Xavier G., Jarad F.	Advances In Difference Equations	2021	4	
166	Chaotic Dynamics Of A Novel 2d Discrete Fractional Order Ushiki Map	Higazy M., Selvam G.m., Janagaraj R.	Fractals	2021	4	
167	Morin Treatment For Acute Ethanol Exposure In Rats	Singaravelu A., Venkatachalam K., Jayaraj R.I., Jayabalan P., Nadanam S.	Biotechnic And Histochemistry	2021	4	
168	Dynamics Of Covid-19 Using Seiqr Epidemic Model	N Avinash., G Britto Antony Xavier., Ammar Alsinai., Hanan Ahmed.,v Rexma Sherine., P Chellamani	Journal Of Mathematics	2022	4	
169	Examining The Effect Of Ph On The Structural, Elastic, Magnetic, And Photocatalytic Activities Of Cr–co ₃ o ₄ Nanoparticles	Reena R.s., Aslinjensipriya A., Infantiya S.g., Vinosha P.a., Jose M., Krishnan S., Das S.j.	Journal Of Materials Science: Materials In Electronics	2021	4	
170	Shock Waves Induced Enhancement Of Electrochemical Properties Of Cofe ₂ o ₄ Nanoparticles For Energy Storage Applications	Sivakumar A., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Prabhu S., Sivashanmugan K., Ramesh R., Dhas S.a.m.b.	Surfaces And Interfaces	2021	4	

171	Assessment Of	Sivakumar A., Jude	Physica B: Condensed	2022	4	
	Sustainability Of Structure-optical Properties Of Prismatic Face Adp Crystal At Dynamic Shocked Conditions	Dhas S.s., Suresh Kumar R., Almansour A.i., Arumugam N., Chakraborty S., Martin Britto Dhas S.a.	Materials			
172	Blue Emissive Properties Of Pure And Sodium Acid Phthalate Doped Hippuric Acid Crystal For Nlo Applications	Anandaraj L., Jothi L., John Sundaram S., Terence N.	Materials Today: Proceedings	2019	4	
173	Antibacterial Activity Of Biofabricated Molybdenum Nanoparticles	Nobika Joy G., Ananthalakshmi R., Vidhya K.	Journal Of Scientific And Industrial Research	2021	4	
174	Discrete Heat Equation With Shift Values	Xavier G.b.a., Borg S.j., Meganathan M.	Springer Proceedings In Mathematics And Statistics	2018	4	
175	Impact Of Single Server Queue Having Machine Repair With Catastrophes Using Probability Generating Function Method	Anand Gnana Selvam S., Chandrasekar B., Moganraj D., Janci Rani S.	Advances In Intelligent Systems And Computing	2020	4	
176	Learners Classification For Personalized Learning Experience In E-learning Systems	Martin A.j., Dominic M.m., Francis F.s.	International Journal Of Advanced Computer Science And Applications	2021	4	
177	Sustainability Of The Crystallographic Phase Stability Of The Barium Carbonate Nanoparticles At Dynamic Shocked Conditions	Sivakumar A., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Perumal K., Dhas S.a.m.b.	Applied Physics A: Materials Science And Processing	2021	4	
178	A Novel Method Of Shock Wave Induced Seed Germination And Physiological Growth Of Catharanthus Roseus	Ramesh R., Sathiyarayanan P., Lakshmi D., Sivakumar A., Martin Britto Dhas S.a., Liakath Ali Khan F.	Materials Today: Proceedings	2019	4	
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180	Gum Mediated Synthesis And Characterization Of Cuo Nanoparticles Towards Infectious Disease-causing Antimicrobial Resistance Microbial Pathogens	Nithiyavathi R., John Sundaram S., Theophil Anand G., Raj Kumar D., Dhayal Raj A., Al Farraj D.a., Aljowaie R.m., Abdelgawwad M.r., Samson Y., Kaviyarasu K.	Journal Of Infection And Public Health	2021	3	
181	On Hyers–ulam Mittag-leffler Stability Of Discrete Fractional Duffing Equation With Application On Inverted Pendulum	Selvam A.g.m., Baleanu D., Alzabut J., Vignesh D., Abbas S.	Advances In Difference Equations	2020	3	
182	Influence Of Shock Waves On Structural And Morphological Properties Of Copper Oxide Nps For Aerospace Applications	A Rita., A Sivakumar., S A Martin Britto Dhas	Journal Of Nanostructure In Chemistry	2019	3	
183	An Mcdm Method Under Neutrosophic Cubic Fuzzy Sets With Geometric Bonferroni Mean Operator	Ajay D., Broumi S., Aldring J.	Neutrosophic Sets And Systems	2020	3	
184	Study Of The Electrical And Dielectric Behaviour Of Selenium Doped Ccto Ceramics Prepared By A Facile Sol-gel Route	Chinnathambi M., Sakthisabarimoorthi A., Jose M., Robert R.	Materials Chemistry And Physics	2021	3	
185	Impact Of Shock Waves On Vibrational And Structural Properties Of Glycine Phosphite	Sivakumar A., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Solid State Sciences	2020	3	
186	Shock Wave-induced Defect Engineering For Investigation On Optical Properties Of Triglycine Sulfate Crystal	Aswathappa S., Arumugam S., Jude Dhas S.s., Michael J., Dhas S.a.m.b.	Optical Engineering	2019	3	

187	Next Generation Of	Nagaraj G., Dhayal Raj	Journal Of Materials	2018	3	
	Pure Titania Nanoparticles For Enhanced Solar-light Photocatalytic Activity	A., Albert Ddudayraj A.	Science: Materials In Electronics			
188	Firmness And Bandgap Engineered Anatase Tio2 Nanoparticles For Enhanced Visible Light Photocatalytic Activity	Nagaraj G., Senthil R.a., Ravichandran K.	Materials Research Express	2019	3	
189	On Chaos Of Discrete Time Fractional Order Host-immune-tumor Cells Interaction Model	Alzabut J., Selvam A.g.m., Dhakshinamoorthy V., Mohammadi H., Rezapour S.	Journal Of Applied Mathematics And Computing	2022	3	
190	Biogenic Synthesis Of Zno And Nio Nanoparticles Mediated By Fermented Cocos Nucifera. (l) Deoiled Cake Extract For Antimicrobial Applications Towards Gram Positive And Gram Negative Pathogens	Ramesh R., Parasaran M., Mubashira G.t.f., Flora C., Liakath Ali Khan F., Almaary K.s., Elbadawi Y.b., Chen T.-w., Kanimozhi K., Bashir A.k.h., Hussein A.a.	Journal Of King Saud University - Science	2022	3	
191	Shock Wave-induced Defect Engineering On Structural And Optical Properties Of Crown Ether Magnesium Chloride Potassium Thiocyanate Single Crystal	Showrilu K., Jyothirmai C., Sirisha A.r.n.l., Sivakumar A., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Journal Of Materials Science: Materials In Electronics	2021	3	
192	Design, Construction And Performance Of P-n Junction Diode Prepared With Fetio2 Thin Films	Rajeswari R., Venugopal D., George A., Dhayal Raj A.	Materials Letters	2020	3	
193	Dynamic Shock Wave-induced Amorphous-to-crystalline Switchable Phase Transition Of Lithium Sulfate	Sivakumar A., Jude Dhas S.s., Chakraborty S., Kumar R.s., Almansour A.i., Arumugam N., Dhas S.a.m.b.	Journal Of Physical Chemistry C	2022	3	

194	Phase Stability Analysis	Aswathappa S.,	Zeitschrift Fur	2021	3	
	Of Shocked Ammonium Dihydrogen Phosphate By X-ray And Raman Scattering Studies	Saramraj A., Dhas Sathiyadhas S.j., Showrilu K., Britto Dhas Sathiyadhas Amalapushpam M.	Kristallografie Crystalline Materials			
195	Influence Of DmsO-sr On The Synthesis Of Hydroxyapatite By Hydrothermal Coupled Microemulsion Method	Prakash V.c.a., Venda I., Thamizharasi V., Sathya E.	Journal Of Inorganic And Organometallic Polymers And Materials	2021	3	
196	New Concepts Of Pentapartitioned Neutrosophic Graphs And Applications For Determining Safest Paths And Towns In Response To Covid-19	Quek S.g., Selvachandran G., Ajay D., Chellamani P., Taniar D., Fujita H., Duong P., Son L.h., Giang N.l.	Computational And Applied Mathematics	2022	3	
197	Estimating The Spread Of Generalized Compartmental Model Of Monkeypox Virus Using A Fuzzy Fractional Laplace Transform Method	V Rexma Sherine., P Chellamani., Rashad Ismail., Avinash Natarajan., Britto Antony Xavier Gnanaprakasam	Symmetry	2022	3	
198	Assessment Of Structural Stability Of Dye-doped Potassium Dihydrogen Phosphate Under Shocked Conditions	Sivakumar A., Sahaya Jude Dhas S., Sivaprakash P., Almansour A.i., Kumar R.s., Arumugam N., Arumugam S., Martin Britto Dhas S.a.	Journal Of Electronic Materials	2021	3	
199	Analysis And Applications Of Sequential Hybrid Ψ -hilfer Fractional Differential Equations And Inclusions In Banach Algebra	A Boutiara., J Alzabut., George Maria Selvam Amirtha Raj., D Vignesh	Qualitative Theory Of Dynamical Systems	2022	3	
200	Economic Impact Of Mahatma Gandhi National Rural Employment Guarantee Programme On Rural Women	Kurinji Malar R.	Indian Journal Of Economics And Development	2021	3	

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201	The Existence, Uniqueness, And Stability Analysis Of The Discrete Fractional Three-point Boundary Value Problem For The Elastic Beam Equation	Alzabut J., George Maria Selvam A., Dhineshababu R., Kaabar M.k.a.	Symmetry	2021	2	
202	Influence Of Shock Waves On Structural And Morphological Properties Of Copper Oxide Nps For Aerospace Applications	Rita A., Sivakumar A., Martin Britto Dhas S.a.	Journal Of Nanostructure In Chemistry	2019	2	
203	Effect Of Shock Waves On Structural And Dielectric Properties Of Ammonium Dihydrogen Phosphate Crystal	Aswathappa S., Dhas Sathiyadhas S.j., Settu B., Sathiyadhas Amalapushpam M.b.d.	Zeitschrift Fur Kristallographie - Crystalline Materials	2019	2	
204	Preparation And Characterization Of Fe Doped N-hydroxyapatite For Biomedical Application	Jose, Suja; Senthilkumar, M.; Elayaraja, K.; Haris, M.; George, Amal; Raj, A. Dhayal; Sundaram, S. John; Bashir, A. K. H.; Maaza, M.; Kaviyarasu, K.	Surfaces And Interfaces	2021	2	
205	Shock-wave-induced Nucleation Leading To Crystallization In Water	Sivakumar A., Martin Britto Dhas S.a.	Journal Of Applied Crystallography	2019	2	
206	Phase Transformation Of Amorphous To Crystalline Of Multiwall Carbon Nanotubes By Shock Waves	Sivakumar A., Jude Dhas S.s., Pazhanivel T., Almansour A.i., Kumar R.s., Arumugam N., Raj C.j., Dhas S.a.m.b.	Crystal Growth And Design	2021	2	
207	Electrical Impedance Spectroscopic Investigations Of Monodispersed Sio ₂ Nanospheres	Sakthisabarimoorthi A., Martin Britto Dhas S.a., Jose M.	Superlattices And Microstructures	2018	2	

208	A Complete Model Of	Mohammadi H.,	Journal Of Function	2021	2	
	Hemorrhagic Fever (cchf) Transmission Cycle With Nonlocal Fractional Derivative	Alzabut J., Selvam A.g.m., Rezapour S.				
209	The Switchable Phase Transition Of Sodium Sulfate Crystals Activated By Shock Waves	Sivakumar A., Sahaya Jude Dhas S., Sivaprakash P., Almansour A.i., Kumar R.s., Arumugam N., Arumugam S., Martin Britto Dhas S.a.	New Journal Of Chemistry	2021	2	
210	Synthesis Of Quercetin Functionalized Wurtzite Type Zinc Oxide Nanoparticles And Their Potential To Regulate Intrinsic Apoptosis Signaling Pathway In Human Metastatic Ovarian Cancer	Vaikundamoorthy Ramalingam., Pavithra Muthukumar Sathya., Thimmarayan Srivalli., Harshavardhan Mohan	Life Sciences	2022	2	
211	Hyers-ulam Stability For An Nt H Order Differential Equation Using Fixed Point Approach	Murali R., Park C., Selvan A.p.	Journal Of Applied Analysis And Computation	2021	2	
212	Formation And Optical Characterization Of Unique Zinc Hydroxy Stannate Nanostructures By A Simple Hydrothermal Method	Jose M., Nithya G., Robert R., Dhas S.a.m.b.	Journal Of Materials Science: Materials In Electronics	2018	2	
213	A Preliminary Study Of Ancient Potteries Collected From Kundureddiyur, Tamil Nadu, India	Gomathy Y., Chandrasekaran A., Aravinthraj M., Udayaseelan J.	Microchemical Journal	2021	2	
214	Shock Wave-induced Optical Band Gap Engineering On Pure And Dye-doped Potassium Dihydrogen Phosphate Crystals	Sivakumar A., Dhas S.s.j., Dhas S.a.m.b.	Journal Of Materials Science: Materials In Electronics	2020	2	

215	Mixed \mathcal{H} -infinity And	Boonsatit N., Sugumar	Complexity	2021	2	
	Passive Synchronization Of Markovian Jumping Neutral-type Complex Dynamical Networks With Randomly Occurring Distributed Coupling Time-varying Delays And Actuator Faults	R., Ajay D., Rajendran G., Lim C.p., Hammachukiattikul P., Usha M., Agarwal P.				
216	Structural, Dielectric, Thermal And Antibacterial Properties Of A Ferroelectric Single Crystal: Bis-glycine Cobalt Sulphate Pentahydrate	Balakrishnan T., Revathi P., Krishnaveni A., Thirupathy J., Ramamurthi K.	Journal Of Materials Science: Materials In Electronics	2018	2	
217	Ternary Switchable Phase Transition Of Caco3 By Shock Waves	Sivakumar A., Shailaja P., Nandhini M., Jude Dhas S.s., Kumar R.s., Almansour A.i., Arumugam N., Chakraborty S., Britto Dhas S.a.m.	Ceramics International	2022	2	
218	Comparative Assessment Of Crystallographic Phase Stability Of Anatase And Rutile Tio2 At Dynamic Shock Wave Loaded Conditions	Sivakumar A., Kalaiarasi S., Sahaya Jude Dhas S., Sivaprakash P., Arumugam S., Jose M., Martin Britto Dhas S.a.	Journal Of Inorganic And Organometallic Polymers And Materials	2022	2	
219	Domination In Pythagorean Neutrosophic Graphs With An Application In Fuzzy Intelligent Decision Making	Ajay D., John Borg S., Chellamani P.	Lecture Notes In Networks And Systems	2022	2	
220	Bifurcation And Chaotic Behavior Of A Discrete Fractional Order Lorenz System	Selvam A.g.m., Vianny D.a.	Aip Conference Proceedings	2019	2	
221	Stability Of A Generalized N-variable Mixed-type Functional	Ramdoss M., Pachaiyappan D., Park C., Lee J.r.	Journal Of Inequalities And Applications	2021	2	

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222	Reversible Magnetic Phase Transitions Of Zirconium Oxide Nanoparticles Induced By Dynamic Shock Waves	Sivakumar A., Dhas S.s.j., Kumar R.s., Almansour A.i., Arumugam N., Murugesan M., Dhas S.a.m.b.	Applied Physics A: Materials Science And Processing	2022	2	
223	Analysis Of Various Properties Of L-alaninium P-toluenesulfonate Single Crystal For Nonlinear Optical Applications	Suminda., Martin Britto Dhas Sathiya Dhas Amalapushpam., Sonia	Optik	2022	2	
224	Relation Between Electrical Resistance And Conductance Using Multifarious Functional Equations And Applications To Parallel Circuit	Pachaiyappan D., Murali R., Park C., Lee J.r.	Journal Of Inequalities And Applications	2022	2	
225	The Non-covalent Interaction Studies Of O-nitrophenol And Methyl Acetate In Benzene: By Ultrasonics, Ftir And Dft Methods	Udayaseelan J., Aravinthraj M., Liakath Ali Khan F., Devipriya C.p.	Materials Today: Proceedings	2021	2	
226	Shock Wave Driven Solid State Phase Transformation Of Co ₃ O ₄ to CoO Nanoparticles	Sivakumar A., Soundarya S., Jude Dhas S.s., Bharathi K.k., Dhas S.a.m.b.	Journal Of Physical Chemistry C	2020	1	
227	Investigation On The Synthesis And Photocatalytic Activity Of Activated Carbon–cerium Oxide (ac–ceo ₂) Nanocomposite	Jayakumar G., Irudayaraj A.a., Raj A.d.	Applied Physics A: Materials Science And Processing	2019	1	
228	Switchable Phase Transformation (orthorhombic-hexagonal) Of Potassium Sulfate Single Crystal At	Sivakumar A., Devi S.r., Dhas S.s.j., Kumar R.m., Bharathi K.k., Dhas S.a.m.b.	Crystal Growth And Design	2020	1	

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230	Microwave Assisted Green Synthesis Of CuO Nanoparticles For Environmental Applications	Theophil Anand G., John Sundaram S., Kanimozhi K., Nithiyavathi R., Kaviyarasu K.	Materials Today: Proceedings	2019	1	
231	Investigation On Structural, Optical And Electrical Nature Of Pure And Cr- incorporated Cobalt Oxide Nanoparticles Prepared Via Co-precipitation Method For Photocatalytic Activity Of Methylene Blue Dye	Reena R.s., Aslinjensipriya A., Jose M., Das S.j.	Journal Of Materials Science: Materials In Electronics	2020	1	
232	Reaction Time Dependent Investigation On The Properties Of The Bi ₂ S ₃ Nanoparticles: Photocatalytic Application	Arumugam J., Raj A.d., Irudayaraj A.a.	Materials Today: Proceedings	2018	1	
233	Existence And Stability Analysis Of Solution For Mathieu Fractional Differential Equations With Applications On Some Physical Phenomena	Tabouche N., Berhail A., Matar M.m., Alzabut J., Selvam A.g.m., Vignesh D.	Iranian Journal Of Science And Technology, Transaction A: Science	2021	1	
234	Synthesis, Growth, Crystal Structure, Thermal, Linear And Nonlinear Optical analysis Of New Extended π -conjugated Organic Material Based On Methyl Pyridinium Compound Of 4-(4-(4-(dimethylamino)	Antony P., Sundaram S.j., Ramaclaus J.v., Antony Inglebert S., Antony Raj A., Dominique S., Hegde T.a., Vinitha G., Sagayaraj P.	Journal Of Molecular Structure	2019	1	

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235	3d Comoo4 Nanoflake Arrays Decorated Disposable Pencil Graphite Electrode For Selective And Sensitive Enzyme-less Electrochemical Glucose Sensors	Priyanga N., Sasikumar K., Raja A.s., Pannipara M., Alsehem A.g., Michael R.j.v., Kumar M.p., Alphonsa A.t., Kumar G.g.	Microchimica Acta	2022	1	
236	A Short Note On Hyper Zagreb Index	Elumalai S., Mansour T., Rostami M.a., Xavier G.b.a.	Boletim Da Sociedade Paranaense De Matematica	2019	1	
237	An Investigation On Photoacoustic Spectroscopy And Dielectric Properties Of Sulfanilic Acid Nonlinear Optical Single Crystal For Different Applications	Thirupathy J., Dhas S.s.j., Jose M., Dhas S.a.m.b.	Journal Of Materials Science: Materials In Electronics	2020	1	
238	Fabrication Of Highly Efficient G-c3n4/zno/fe2o3 Ternary Composite With Enhanced Photocatalytic Activity Under Visible Light Irradiation	Shanthini K., Manivannan V., Govindaraju K.m., Prakash V.c.a., Lekshmi G.s., Govindan R.	Journal Of Materials Science: Materials In Electronics	2022	1	
239	Functional Equation And Its Modular Stability With And Without Δp -condition	Ramdoss M., Pachaiyappan D., Dutta H.	Filomat	2020	1	
240	Spectroscopic Assessment Of Shock Wave Resistance On Zno Nanorods For Aerospace Applications	Sivakumar A., Dhas S.s.j., Almansour A.i., Kumar R.s., Arumugam N., Dhas S.a.m.b.	Journal Of Inorganic And Organometallic Polymers And Materials	2021	1	
241	Multicriteria Group Decision Making Based On Projection Measures On Complex	Aldring J., Ajay D.	Granular Computing	2022	1	

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242	Assessment Of Crystallographic And Electronic Phase Stability Of Shock Wave Loaded Cubic Cerium Oxide Nanoparticles	Sivakumar A., Ramya S., Sahaya Jude Dhas S., Almansour A.i., Kumar R.s., Arumugam N., Murugesan M., Martin Britto Dhas S.a.	Ceramics International	2022	1	
243	Hyers-ulam Stability Of Linear Differential Equations	Murali R., Ponmana Selvan A.	Communications In Computer And Information Science	2018	1	
244	Oscillation Results For A Class Of Nonlinear Fractional Order Difference Equations With Damping Term	Selvam A.g.m., Alzabut J., Jacintha M., Özbekler A., Liu L.	Journal Of Function Spaces	2020	1	
245	Sustainability Of Corundum-type Cr ₂ O ₃ Nanoparticles At Shock Wave Loaded Conditions	Dona E.d., Sivakumar A., Jude Dhas S.s., Sivaprakash P., Arumugam S., Martin Britto Dhas S.a.	Solid State Sciences	2021	1	
246	Well-posed Conditions On A Class Of Fractional Q-differential Equations By Using The Schauder Fixed Point Theorem	Samei M.e., Ahmadi A., Selvam A.g.m., Alzabut J., Rezapour S.	Advances In Difference Equations	2021	1	
247	Learning Content Classification And Mapping Content To Synonymous Learners Based On 2022 Augmented Verb List Of Marzano And Kendall Taxonomy	Celine S., M Maria Dominic., F Sagayaraj Fransis., M Savitha Devi	International Journal Of Advanced Computer Science And Applications	2022	1	
248	Numerical Analysis And Lasing Characteristics Of Gainasp Double-heterostructure Lasers On Inp/si Substrate	Periyamayagam G.k., Shimomura K.	Journal Of Electronic Materials	2022	1	
249	Shock Wave Induced Switchable Electrical	Sivakumar A., Mowlika V., Jude Dhas S.s., Prabhu S.,	Solid State Sciences	2022	1	

	Resistance Of Znfe2o4 Nanoparticles	Ramesh R., Robert R., Britto Dhas S.a.m.				
250	Sustainable Structural, Morphological And Magnetic Properties Of Mgfe2o4 Nanoparticles Under Dynamic Shock Wave Exposure	Mowlika V., Naveen C.s., Phani A.r., Sivakumar A., Martin Britto Dhas S.a., Robert R.	Materials Letters: X	2022	1	
251	The Role Of C-terminal Helix In The Conformational Transition Of An Arginine Binding Protein	Santhakumar V., Manuel Mascarenhas N.	Journal Of Structural Biology: X	2022	1	
252	Stability Of Nonlinear Hybrid Fractional Differential Equation With Atangana-baleanu Operator	S Britto Jacob ., A George Maria Selvam	Advances In Differential Equations And Control Processes	2022	1	
253	Ulam-hyers Stability Of A Helmholtz Nonlinear Differential Equations With Damping	Selvan, A. Ponmana; Murali, R.; Varadharajan, K.	Advances And Applications In Mathematical Sciences	2021	1	
254	Nonlinear Optical Properties Of Ag@tio2 Core-shell Nanoparticles Investigated By Continuous Wave He- ne Laser	Sakthisabarimoorthi A., Martin Britto Dhas S.a., Jose M.	Materials Chemistry And Physics	2018	0	
255	Effect Of Shock Waves On Dielectric Properties Of Kdp Crystal	Sivakumar A., Suresh S., Pradeep J.a., Balachandar S., Martin Britto Dhas S.a.	Journal Of Electronic Materials	2018	0	
256	Tuning The Optical Band Gap Of Pure Tio2 Via Photon Induced Method	G. N., A. D.r., A. A.i., R.I. J.	Optik	2019	0	
257	Shock Wave Recovery Studies On Structural And Magnetic Properties Of -fe2o3 Nps	Rita A., Sivakumar A., Jose M., Dhas S.a.m.b.	Materials Research Express	2019	0	

258	Fabrication Of	Sakthisabarimoorthi	Journal Of Alloys And	2019	0	
	Monodispersed $\text{Fe}_2\text{O}_3/\text{SiO}_2$ Core-shell Nanospheres And Investigation Of Their Dielectric Behavior	A., Martin Britto Dhas S.a., Jose M.	Compounds			
259	Microwave-assisted Wet Co-torrefaction Of Food Sludge And Lignocellulose Biowaste For Biochar Production And Nutrient Recovery	Zheng N.-y., Lee M., Lin Y.-l., Samannan B.	Process Safety And Environmental Protection	2020	0	
260	Tailoring The Dielectric Properties Of Kdp Crystals By Shock Waves For Microelectronic And Optoelectronic Applications	Sivakumar A., Manivannan M., Sahaya Jude Dhas S., Kalyana Sundar J., Jose M., Dhas S.a.m.b.	Materials Research Express	2019	0	
261	Ulam Stability Of Linear Differential Equations Using Fourier Transform	Ramdoss M., Selvanarumugam P., Park C.	Aims Mathematics	2020	0	
262	Effect Of Shock Waves On Structural, Thermophysical And Dielectric Properties Of Glycine Phosphate (gpi) Crystal	Sivakumar A., Reena Devi S., Thirupathy J., Mohan Kumar R., Martin Britto Dhas S.a.	Journal Of Electronic Materials	2019	0	
263	Investigation Of Structural And Electrical Properties Of Lithium Cobalt Oxide Nanoparticles For Optoelectronic Applications	Elamathi R., Ramesh R., Aravinthraj M., Manivannan M., Liakath Ali Khan F., Mphale K., Letsholathebe D., Kaviyarasu K., Kennedy J., Maaza M.	Surfaces And Interfaces	2020	0	
264	Reversible Magnetic Phase Transitions Of MnO_2 Nano Rods By Shock Wave Recovery Experiments	Rita A., Sivakumar A., Sahaya Jude Dhas S., Martin Britto Dhas S.a.	Journal Of Materials Science: Materials In Electronics	2020	0	
265	Investigation On The Impact Of Xylenol Orange Dye On The Growth And Properties	Arumugam S., Sathiyadhas S.j.d., Michael J., Pichan K., Muthu S.p.,	Journal Of Crystal Growth	2019	0	

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	Grown Kap Crystals For Photonic Applications	Sathiyadhas Amalapusham M.b.d.				
266	Biosynthesis Of Silica And Copper Nanoparticles From Trichoderma, Streptomyces And Pseudomonas Spp. Evaluated Against Collar Canker And Red Root-rot Disease Of Tea Plants	Natesan K., Ponmurugan P., Gnanamangai B.m., Manigandan V., Joy S.p.j., Jayakumar C., Amsaveni G.	Archives Of Phytopathology And Plant Protection	2021	0	
267	Existence And Stability Of Nonlinear Discrete Fractional Initial Value Problems With Application To Vibrating Eardrum	Selvam G.m., Alzabut J., Dhakshinamoorthy V., Jonnalagadda J.m., Abodayeh K.	Mathematical Biosciences And Engineering	2021	0	
268	A New Attempt On Synthesis Of Spherical Nano Hydroxyapatite Powders Prepared By Dimethyl Sulfoxide - Poly Vinyl Alcohol Assisted Microemulsion Method	Arun Prakash V.c., Venda I., Thamizharasi V., Sathya E.	Materials Chemistry And Physics	2021	0	
269	Laser Induced Plant Leaf Extract Mediated Synthesis Of CuO Nanoparticles And Its Photocatalytic Activity	Joy Prabu H., Varghese R., Johnson I., John Sundaram S., Dhayal Raj A., Rajagopal R., Kuppusamy P., Sathya R., Kaviyarasu K.	Environmental Research	2022	0	
270	Thermophysical And Optical Properties Of L-tartaric Acid Crystal	Jayapalan T., Sathiyadhas S.j.d., Michael J., Settu B., Sathiyadhas Amalapushpam M.b.d.	Crystal Research And Technology	2018	0	
271	Dielectric Relaxation And Complex Electrical Formulation Studies Of Shockwave-treated Ammonium	Joshi, J. H.; Dhas, S. A. Martin Britto; Kanchan, D. K.; Joshi, M. J.; Parikh, K. D.	Journal Of Physics And Chemistry Of Solids	2021	0	

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272	Evaluation Of Structural, Optical And Mechanical Behaviour Of L-argininium Bis(trifluoroacetate) Single Crystal: An Efficient Organic Material For Second Harmonic Generation Applications	Sonia., Vijayan N., Vij M., Yadav H., Kumar R., Sur D., Singh B., Martin Britto Dhas S.a., Verma S.	Journal Of Physics And Chemistry Of Solids	2019	0	
273	Study Of Optical And Laser Damage Threshold In Edta And Dtpa-doped Dast Single Crystals	Manivannan M., Dhas S.a.m.b., Balakrishnan M., Jose M.	Applied Physics B: Lasers And Optics	2018	0	
274	A Caputo Discrete Fractional-order Thermostat Model With One And Two Sensors Fractional Boundary Conditions Depending On Positive Parameters By Using The Lipschitz-type Inequality	Alzabut J., Selvam A.g.m., Dhineshbabu R., Tyagi S., Ghaderi M., Rezapour S.	Journal Of Inequalities And Applications	2022	0	
275	Apoptotic Signalling Of Huh7 Cancer Cells By Biofabricated Zinc Oxide Nanoparticles	Ananthalakshmi R., Rathinam S.r.x.r., Sadiq A.m.	Journal Of Inorganic And Organometallic Polymers And Materials	2021	0	
276	Raman Spectroscopic And Electrochemical Measurements Of Dynamic Shocked Mnfe2o4 Nano-crystalline Materials	Sivakumar A., Sahaya Jude Dhas S., Sivaprakash P., Almansour A.i., Suresh Kumar R., Arumugam N., Perumal K., Arumugam S., Martin Britto Dhas S.a.	Journal Of Inorganic And Organometallic Polymers And Materials	2022	0	
277	Effect Of Doping Concentration For The Properties Of Fe Doped Tio2thin Films Applications	Rajeswari R., Venugopal D., Dhayal Raj A., Arumugam J., John Sundaram S., Kaviyarasu K.	Materials Today: Proceedings	2019	0	

278	Tuning The Morphology And Band Gap Of Cdse Nanoparticles Via Solvothermal Method	Venci X., George A., Raj A.d., Reddyraj A.a., Raj D.m.a., Jayakumar G., Sundaram S.j.	Materials Today: Proceedings	2019	0	
279	Isolation Of Bioactive Compounds From Lichen Parmelia Sulcata And Evaluation Of Antimicrobial Property	Gandhi A.d., Umamahesh K., Sathiyaraj S., Suriyakala G., Velmurugan R., Al Farraj D.a., Gawwad M.r.a., Murugan K., Babujanarthanam R., Saranya R.	Journal Of Infection And Public Health	2022	0	
280	Molecular Interactions Between The Mixtures Of Ethyl, Propyl Amines And 2-nitrobenzoic Acid In 1,4-dioxane By Dft And Dielectric Relaxation Analysis	Aravinthraj M., Khan F.i.a., Udayaseelan J., Rajkumar D.	Materials Today: Proceedings	2020	0	
281	On A Fractional Cantilever Beam Model In The Q-difference Inclusion Settings Via Special Multi-valued Operators	Etemad S., Hussain A., Imran A., Alzabut J., Rezapour S., Selvam A.g.m.	Journal Of Inequalities And Applications	2021	0	
282	Visible- Light Active Zinc Doped Cobalt Oxide (zn-co3o4) Nanoparticles For Photocatalytic And Photochemical Activity	Sylvia Reena R., Aslinjensipriya A., Grace Infantiya S., Daniel John Britto J., Jose M., Jerome Das S.	Materials Today: Proceedings	2022	0	
283	Shockwave Treated Seed Germination And Physiological Growth Of Vigna Mungo (l) In Red Soil Environment	Ramesh R., Vidhya V., Ali Khan F.l., Alnasrawi A.m., Alkahtani J., Elshikh M.s., Kaviyarasu K.	Physiological And Molecular Plant Pathology	2022	0	
284	A Comparative Study On Microemulsion Synthesis Of Hydroxyapatite Powders By Ionic And Non-ionic Surfactants	Collins Arun Prakash V., Venda I., Thamizharasi V., Sathya E.	Materials Today: Proceedings	2021	0	

285	Structure Dictates The	Jayanthi L.p.,	Current Research In	2020	0	
	Mechanism Of Ligand Recognition In The Histidine And Maltose Binding Proteins	Muscarellus N.m., Gosavi S.	Structural Biology			
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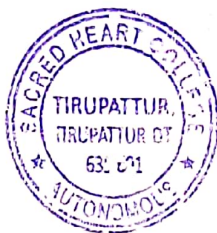
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