



C. KANDASWAMI NAIDU COLLEGE FOR MEN
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Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital		
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Quotient Labeling of Some Ladder Graphs	P. Sumathi	Mathematics	American Journal of Engineering Research	2018	2320-0936(P) 2320-0847(E)	www.ajer.org	https://www.ajer.org/papers/Vol-7-issue-12/E07123842.pdf	Yes
Quotient Labeling of Snake Related Graphs	P. Sumathi	Mathematics	IOSR Journal of Mathematics	2018	2319-765X	www.iosrjournals.org	https://www.iosrjournals.org/iosr-jm/papers/Vol14-issue6/Version-2/D1406022633.pdf	Yes
Quotient – 3 Cordial for Path related graphs – Part II	P. Sumathi	Mathematics	Springer Link	2018	0018-1560 (Print)157 3-174X (Online)	https://link.springer.com	https://link.springer.com/chapter/10.1007/978-3-030-01123-9_55#:~:text=The%20function%20f%20is%20said,(P%20n%3BP%202021	Yes
Quotient – 3 Cordial for Generalized Petersen graphs Part I	P. Sumathi	Mathematics	Journal of Advanced Research in Dynamical and Control systems	2018	1943 – 023X	https://www.jardcs.org	https://www.researchgate.net/publication/326109744_Quotient-3_cordial_for_generalized_petersen_graph-part-I	Yes
Enresdowed Graphs – I	P. Sumathi	Mathematics	International Journal of Pure and Applied Mathematics	2018	1311 – 8080 1314 – 3395	https://www.ijpam.eu/	https://acadpubl.eu/hub/2018-120-7/2/23.pdf	Yes
Quotient – 3 Cordial for Generalized Petersengraphs–II	P. Sumathi	Mathematics	JMSG an International Multidisciplinary–Journal	2018	2454 - 8367	http://www.jmsjournals.in/	NA	Yes



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Edge Isolated Strong Complementary Acyclic Domination of a Graph	P. Sumathi	Mathematics	IAETSD Journal for Advanced Research In Applied Sciences	2018	2494 - 8442	https://journals.indexcopernicus.com/search/details?id=42882	https://www.researchgate.net/publication/339457482_Edge_Isolated_Strong_Complementary_Acyclic_Domination_Of_A_Graph	Yes
Completely Enresdowed	P.Sumathi	Mathematics	Mathematical Sciences International Research Journal	2018	2278-8697	https://www.imrfjournals.com/msirj	NA	Yes
Enresdowedness of Some Caterpillar Graphs	P. Sumathi	Mathematics	International Journal of Pure and Applied Mathematics	2018	1311-8080-1314-3395	https://www.ijpam.eu/	https://acadpubl.eu/jsi/2018-118-10-11/articles/10/51.pdf	Yes
Quotient Labeling of Some Cycle Related Graphs	P. Sumathi	Mathematics	Mathematical Sciences International Research Journal	2018	2278-8697	http://d.researchbib.com/f/7nq3q3YzydNkWup2HhL29gY2Smp2I0pl9jLKOypv9cp3A1MI8IY3MioUIgMI8ky2ymp3IyYGVgAmZgAmxhpTEz.pdf	https://paper.researchbib.com/view/issn/2456-8910/1/2	Yes
Quotient Labeling of Shadow Graph and Middle Graph of Pathand Cycles and two types of Caterpillar Graphs(2018)	P. Sumathi	Mathematics	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.ijpam.eu	https://acadpubl.eu/jsi/2018-118-10-11/articles/10/22.pdf	Yes



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Quotient – 3 Cordial Labeling of some Jahangir graphs and its subdivisions–Part–II	P. Sumathi	Mathematics	Journal for Advanced Research In Applied Sciences	2018	2394-8442	https://journals.indexcopernicus.com/search/details?id=42882	NA	Yes
Mod(k) vertex Magic Labeling of trees with diameter less than four	P. Sumathi	Mathematics	Mathematical Sciences International Research Journal	2018	2278-8697	https://www.imrfjournals.com/msirj	NA	Yes
"Web and Semantic technologies through Library services"	S. Mahalakshmi	Librarian	IALA Journal (KRTHE 2018)	2018	2319-1392	IALA Journal (KRTHE 2018)	Print	Yes
Synthesis of Superparamagnetic Cu ₄ Zn _{0.6} Fe ₂ O ₄ -Implanted Bi ₂ S ₃ -Capped TiO ₂ 2D and 3D Nanostructures for Visible Light Photocatalysis	Pazhamalai Vinayagamoorthy	Chemistry	ACS Omega.	2018	2470-1343	https://pubs.acs.org/journal/acsodf	10.1021/acsomega.8b01877	Yes
CdO-Intercalated TiO ₂ Nanosphere-Cluster: Synthesis and Electrical, Optical and Photocatalytic Properties	P. Vinayagamoorthy	Chemistry	Silicon	2018	18769918,	https://link.springer.com	https://link.springer.com/article/10.1007/s12633-018-9832-1	Yes



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Synthesis, growth, structural, optical, electrical and magnetic properties of novel (E)-3-(4-(diethylamino)phenyl)-2-(thiophen-2-yl) acrylonitrile (DPTA) single crystal	J Irshad Ahamed,	Chemistry	Int. J. Pharm. Bio Sci	2018	2230-7605	https://www.ijpbs.com/	https://doi.org/10.1016/j.molstruc.2019.04.095	Yes
Empirical Evidences of Market Risk Measurement in an Indian Firm	Dr. L. Venkatesan	Commerce	Journal of Advanced Research in Dynamical and Control Systems	2018	ISSN 1943 - 023X	https://www.jar-dcs.org/	NA	Yes
Consumer Opinion About Online Shopping - A Pivotal Study	Dr. L. Venkatesan	Commerce	International Journal of Research and Analytical Reviews	2018	E-ISSN 2348-1269, P-ISSN 2349-5138	https://www.ijar.org/	NA	Yes
Study on Green Marketing with special reference to fast moving consumer goods in Chennai	Dr. L. Venkatesan	Commerce	International Journal of Exclusive Management Research	2018	ISSN: 2249 - 8672	https://ijemr.in/	NA	Yes



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Buyer's Preference towards Mobile Phones in Selected Areas in Chennai - Study	Dr. L. Venkatesan	Commerce	Research Review International Journal of Multidisciplinary	2018	ISSN: 2455 - 3085	https://rrjournal.s.com/index.php/rrijm	https://zenodo.org/records/1490396	Yes
A Comparative Study on E-Banking Services of SBI and ICICI at Chennai	Dr. L. Venkatesan	Commerce	Empower International Journal of Finance and Management Research	2018	ISSN NO: 2395-5929	https://www.eijfmr.com/	http://www.eijfmr.com/2018/feb_2018/Feb-2018-035.pdf	Yes
Structural, Optical, Thermal and Photocatalytic Dye Degradation Properties of BiFeO ₃ -WO ₃ Nanocomposites	Dr. Gokul Raj S	Physics	Journal of Electronic Materials	2018	0361-5235	https://ui.adsabs.harvard.edu/abs/2018JEMat..47.7212S/abstract	https://ui.adsabs.harvard.edu/link_gateway/2018JEMat..47.7212S/doi:10.1007/s11664-018-6654-2	Yes
Study of structural and magnetic properties of cobalt ferrite (CoFe ₂ O ₄) nanostructures	Dr. Gokul Raj S	Physics	Chemical Physics Letters	2018	1873-4448	https://www.sciencedirect.com/science/article/abs/pii/S009261418300757	http://dx.doi.org/10.1016/j.cplett.2018.01.057	Yes
Tailoring The Phase, Microstructure And Magnetic Properties Of Nanocrystalline Cobalt Ferrite	Dr. Gokul Raj S	Physics	Material Today Proceeding	2018	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785317332200	https://doi.org/10.1016/j.matpr.2017.12.232	Yes



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Microstructural, mechanical and metallurgical analysis of Al interlayer coating on Mg-Al alloy using diffusion bonding	Dr. Gokul Raj S	Physics	Material Today Proceeding	2018	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785317331759	https://doi.org/10.1016/j.matpr.2017.12.187	Yes
Fuzzy quotient-3 cordial labeling of star related graphs- Paper I.	P. Sumathi & J. Suresh Kumar	Mathematics	Malaya Journal of Mathematic	2019	2321-5666	https://www.malayajournal.org	https://www.malayajournal.org/selected_article.php?id=562	Yes
Fuzzy quotient-3 cordial labeling of star related graphs- Paper II	P. Sumathi & J. Suresh Kumar	Mathematics	Asia Matematika	2019	2457-0834	http://www.asiamath.org	http://www.asiamath.org/issue1/vol3iss2/AM-1908-4202.pdf	Yes
Fuzzy Tri-Magic Labeling of Some Star-Related Graphs	P. Sumathi & C. Monigeetha	Mathematics	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	http://www.asiamath.org	https://www.jetir.org/download1.php?file=JETIR1901482.pdf	Yes
Mod(k) vertex Magic Labeling of $M(G_n)$ and $M(C_n)$	P. Sumathi & B.Fathima	Mathematics	Journal of Applied Science and Computations	2019	1076-5131	https://j-asc.com/	https://j-asc.com/index.php/volume-6-issue-5-may-2019/	Yes



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Enresdowed Non-Hamiltonian Graphs with Even number of Vertices	P. Sumathi & R. Esther Felicia	Mathematics	Journal of Computational Information systems	2019	1553-9105	https://jof-cis.com/	https://www.researchgate.net/publication/339457576 Enresdowed Non - Hamiltonian Graphs with Even Number of Vertices	Yes
Enresdowedness of Trees with diameter Four	P. Sumathi & R. Esther Felicia	Mathematics	Journal of Advanced Research in Dynamical and Control Systems	2019	1943-023X	https://www.jardcs.org/	https://www.jardcs.org/abstract.php?id=1091	Yes
Mod(k) vertex Magic Labeling of some Hamiltonian Graphs	P. Sumathi & B.Fathima	Mathematics	Journal of Computer and Mathematical Sciences	2019	0976-5727, 2319-8133	https://journalseker.researchbib.com/view/issn/0976-5727	https://acadpubl.eu/jsi/2017-115-9/articles/9/24.pdf	Yes
Oscillatory and Asymptotic Behavior of Solutions of two non Linear Dimensional Difference Systems	P. Sumathi & G. Saraswathi	Mathematics	Journal of Applied Mathematics and Physics	2019	2327-4379(E) 2327-4352(P)	https://www.scirp.org/journal/journalarticles?journalid=2436	https://www.scirp.org/journal/paperinformation.aspx?paperid=92204	Yes
Synthesis of superparamagnetic biocidal superior solar photocatalytic Fe ₃ O ₄ -implanted Ag ₂ S-capped ZnO micro-clubells,	Chockalingam Karunakaran, I. Jeba Singh, P. Vinayagamoorthy	Chemistry	SN Applied Science	2019	2523-3971	https://link.springer.com/	DOI:10.1007/s42452-019-0758-z	Yes



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Synthesis, growth, structural, optical, electrical and magnetic properties of novel (E)-3-(4-(diethyl amino) phenyl)-2-(thiophen-2-yl) acrylonitrile (DPTA) single crystal	K. Sathyamoorthy, P. Vinothkumar, J. Irshad Ahamed, P. Murali Manohar, M. Priya, Jinghe Liu	Chemistry	Journal of Molecular Structure	2019	0022-2860	https://www.science	https://doi.org/10.1016/j.molstruc.2019.04.095	Yes
A study on Banking Customers Perception Level Of Service Quality of it enabled service in Indian banking sector reference to Chennai City	Dr. L. Venkatesan	Commerce	International Journal of Exclusive Management Research	2019	ISSN: 2249 - 8672	https://ijemr.in/	NA	Yes
Essential Attributes on Brand Name and Impacts of Consumer Buying Behaviour	Dr. L. Venkatesan	Commerce	Science and Engineering Research Support Society	2019	ISSN: 0097-8043	https://sersc.org/	https://www.researchgate.net/publication/337897329_Essential_Attributes_On_Brand_Name_And_Impacts_Of_Consumer_Buying_Behaviour	Yes
Poor Internal Management, HR Issues and Complications NPA mess in Indian Banking Sector	Dr. L. Venkatesan	Commerce	Adalya Journal	2019	ISSN: 1301 - 2746	https://adalyajournal.com/	NA	Yes



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Crystal growth behavior and phase stability of rare earth oxides (4 mol.% GdO _{1.5} -4 mol.% SmO _{1.5}) doped zirconia Nanopowder.	Dr. Gokul Raj S	Physics	Journal of Material Research and Technology	2019	2214-0697	https://www.sciencedirect.com/science/article/pii/S2238785418312894	https://doi.org/10.1016/j.jmrt.2019.09.058	Yes
Structural, morphological, optical and magnetic properties of RF sputtered Co doped ZnO diluted magnetic semiconductor for spintronic applications	Dr. Gokul Raj S	Physics	Applied Physics A	2019	0947-8396	https://link.springer.com/article/10.1007/s00339-019-2886-0	https://doi.org/10.1007/s00339-019-2886-0	Yes
Synthesis and Characterization of Nanocrystalline Yttrium Iron Garnet (Y ₃ Fe ₅ O ₁₂) for Magnetoelectric Application	Dr. Gokul Raj S	Physics	Digest Journal of Nanomaterials and Biostructures	2019	1842-3582	https://chalcogen.ro/721_GoldwinJ.pdf	NA	Yes



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A study of the structural, magnetic, hemocompatibility and electrochemical properties of BiFeO ₃ (BFO)/CoFe ₂ O ₄ –(CFO) nanocomposite	Dr. Gokul Raj S	Physics	Journal of Materials Science: Materials in Electronics	2019	0957-4522	https://link.springer.com/article/10.1007/s10854-019-01437-3	https://link.springer.com/article/10.1007/s10854-019-01437-3	Yes
Investigations on the enhanced dye degradation activity of hetero geneous BiFeO –GdFeO nanocomposite photocatalyst	Dr. Gokul Raj S	Physics	Heliyon	2019	2405-8440	https://www.researchgate.net/publication/333845362_Investigations_on_the_enhanced_dye_degradation_activity_of_heterogeneous_BiFeO3-GdFeO3_nanocomposite_photocatalyst	http://dx.doi.org/10.1016/j.heliyon.2019.e01831	Yes
Fuzzy quotient-3 cordial labeling of some unicyclic graphs - Paper I.	P. Sumathi & J. Suresh Kumar	Mathematics	The International Journal of Analytical and Experimental Modal Analysis	2020	0886-9367	https://ijaema.com	https://ijaema.com/index.php/volume-12-issue-01-january-2020/	Yes
Fuzzy quotient-3 cordial labeling of some trees of diameter 2, 3 and 4	P. Sumathi & J. Suresh Kumar	Mathematics	Journal of Engineering, Computing and Architecture	2020	1934-7197	https://journaleca.com	https://journaleca.com/volume-10-issue-3-2020/	Yes



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Fuzzy quotient-3 cordial labeling of some trees of diameter 5—Part I	P. Sumathi & J. Suresh Kumar	Mathematics	Journal of Information and Computational Science	2020	1548-7741	https://joics.org/	DOI:10.12733.JICS.2020.V10I3.535569.12049	Yes
Fuzzy quotient-3 cordial labeling of generalized Jahangir graph and its Subdivision Graph	P. Sumathi & J. Suresh Kumar	Mathematics	Turkish Journal of Computer and Mathematics Education	2020	1309-4653	https://turcomat.org	https://turcomat.org/index.php/turkbilmat/article/view/10808	Yes
Fuzzy Tri-Magic Labeling of Generalized Jahangir Graph	P. Sumathi & C. Monigeetha	Mathematics	Turkish Journal of Computer and Mathematics Education	2020	1309-4653	https://turcomat.org	https://turcomat.org/index.php/turkbilmat/article/view/10807	Yes
Fuzzy tri-magic labeling of some trees of diameter less than 5—Paper 1	P. Sumathi & C. Monigeetha	Mathematics	International Journal of Analytical and Experimental Analysis	2020	0886-9367	https://ijaema.com/	DOI:18.0002.IJAEMA.2020.V12I1.200001.015274	Yes
Fuzzy tri-magic labeling of isomorphic caterpillar of diameter 5—Paper 1	P. Sumathi & C. Monigeetha	Mathematics	Journal of Engineering, Computing and Architecture	2020	1934-7197	https://journaleca.com	https://journaleca.com/volume-10-issue-3-2020/	Yes
Fuzzy tri-magic labeling of isomorphic caterpillar of diameter 5—Paper 2	P. Sumathi & C. Monigeetha	Mathematics	Journal of Information and Computational Science	2020	1548-7741	https://joics.org/	DOI:10.12733.JICS.2020.V10I3.535569.12056	Yes



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Quotient-4 cordial labeling for path related graphs	P. Sumathi & S. Kavitha	Mathematics	The International Journal of Analytical and Experimental Modal analysis	2020	0886-9367	https://ijaema.com	https://ijaema.com/index.php/volume-12-issue-01-january-2020/	Yes
A combined experimental and DFT computations study of novel (E)-3-(benzofuran-2-yl)-2-(thiophen-2-yl)acrylonitrile (TACNBNF): Insight into the synthesis, single crystal XRD	J Irshad Ahamed, M Priya, P Vinothkumar, K Sathyamoorthy, P Murali Manohar, Jingle Liu, MF Valan	Chemistry	Journal of Molecular Structure	2020	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://doi.org/10.1016/j.molstruc.2019.127241	Yes
Nature of fluorine interactions in 'wheel and axle' topology based hexa-coordinated Sn (iv)-porphyrins: an experimental and theoretical analysis	Jyoti Rani, J Irshad Ahamed, Debashis Adhikari, Palani Natarajan, Paloth Venugopalan, Ranjan Patra	Chemistry	CrystEngComm	2020	1466-8033	https://www.rsc.org/journals-books-databases/about-journals/crystengcomm/	10.1039/D0CE00333F	Yes



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Synthesis and investigation of structural, optical, and photocatalytic properties of BiFeO ₃ /reduced graphene oxide nanocomposites	Dr. Gokul Raj S	Physics	Iranian Journal of Crystallography and Mineralogy	2020	2588-4719	https://www.researchgate.net/publication/356691874_Synthesis_and_Investigation_of_Structural_behaviour_and_Optical_properties_of_BiFeO3_YMnO3_and_BiFeO3-YMnO3_Nanostructures	http://dx.doi.org/10.1016/j.inoche.2021.109101	Yes
Surface and bulk modifications in gamma irradiated <011> oriented ferroelectric triglycine sulphate (tgs) single crystals	Dr. Gokul Raj S	Physics	OPTIK	2020	1618-1336	https://www.sciencedirect.com/science/article/abs/pii/S030402620311621	https://doi.org/10.1016/j.jilleo.2020.165326	Yes
Structural, optical and photocatalytic properties of ZnS spherical/flake nanostructures by sugar-assisted hydrothermal process	Dr. Gokul Raj S	Physics	CHEMICAL Physics LETTERS	2020	1873-4448	https://www.sciencedirect.com/science/article/abs/pii/S009261420305546#!	https://doi.org/10.1016/j.cplett.2020.137639	Yes



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Ionic liquid assisted wet chemical synthesis CdS quantum dots and their structural, morphological, optical, electrochemical, photocatalytic, antibacterial and hemocompatibility characterization	Dr. Gokul Raj S	Physics	Optik	2020	1618-1336	https://www.sciencedirect.com/science/article/abs/pii/S0030402620304721	https://doi.org/10.1016/j.ijleo.2020.164638	Yes
The influence of temperature on the structural, morphological, optical, electrical, hemocompatibility and magnetic characterization of CoFe ₂ O ₄ nanostructures	Dr. Gokul Raj S	Physics	Journal of Optoelectronics and Advanced Materials	2020	1841 - 7132	https://www.researchgate.net/publication/342888362_The_influence_of_temperature_on_the_structural_morphological_optical_electrical_hemocompatibility_and_magnetic_characterization_of_CoFe2O4_nanostructures	https://www.researchgate.net/publication/342888362_The_influence_of_temperature_on_the_structural_morphological_optical_electrical_hemocompatibility_and_magnetic_characterization_of_CoFe2O4_nanostructures	Yes



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Influence of process parameters on the optimization of crystalline phase, size and strain of multiferroic Bismuth Iron Tri Oxide (BiFeO ₃) nanoceramics: A MCDM based TOPSIS approach	Dr. Gokul Raj S	Physics	Ceramics International	2020	0272-8842	https://www.sciencedirect.com/science/article/abs/pii/S0272884219326422	https://doi.org/10.1016/j.ceramint.2019.09.111	Yes
Fuzzy quotient-3 cordial labeling on some types of ladder graphs	P. Sumathi & J. Suresh Kumar	Mathematics	Science, Technology and Development	2021	0950-0707	https://journalstd.com/	https://journalstd.com/volume-x-issue-5-2021/	Yes
Fuzzy quotient-3 cordial labeling on some cycle related graphs-paper I	P. Sumathi & J. Suresh Kumar	Mathematics	Advances and Applications in Mathematical Sciences	2021	0974-6803	https://www.mililink.com	https://www.mililink.com/upload/article/1414765427aams_vol_209_july_2021_a9_p1729-1741_p_sumathi_and_j_suresh_kumar.pdf	Yes
Fuzzy quotient-3 cordial labeling on some path related graphs-Paper I	P. Sumathi & J. Suresh Kumar	Mathematics	Malaya Journal of Matematik	2021	2321-5666	https://www.malayajournal.org	https://www.malayajournal.org/index.php/mjm/article/view/1245	Yes
Fuzzy Tri-Magic Labeling of Some Ladder Graphs	P. Sumathi & C. Monigeetha	Mathematics	Science, Technology and Development Journal	2021	0950-0707	https://journalstd.com/	https://journalstd.com/volume-x-issue-5-2021/	Yes



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A novel method for the synthesis and characterization of 10-hexyl-3-(1-hexyl-4, 5-diphenyl-1H-imidazol-2-yl)-10H-phenothiazine: DFT computational, in vitro anticancer and in	J Irshad Ahamed, Mariamichael F Valan, Kamalarajan Pandurengan, Paul Agastian, Babu Venkatadri, Marimuthu R Rameshkumar, Kandaswamy Narendran	Chemistry	Research on Chemical Intermediates	2021	1568-5675	https://link.springer.com/journal/11164	1:10.1007/s11164-020-04297-3	Yes
Molecular docking studies, in vitro-brine shrimp lethal assay and antibacterial assessment of embelin, vilangin and phenyl vilangin against endodontic pathogen, Enterococcus	S. Jayalakshmi1 · K. Narendran2 · E. Sukumar3 · J. Irshad Ahamed4 · M. S. Nivedhitha5 · S. Rajesh Kumar6	Chemistry	Research on Chemical Intermediates	2021	1568-5675	https://link.springer.com/journal/11164	doi.org/10.1007/s11164-021-04559-8	Yes



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Corrigendum to "Structural characteristics, optical, electrical and electrochemical sensing properties of graphene and multi walled carbon nanotube admixed bismuth iron oxide composite ceramics"	Dr. Gokul Raj S	Physics	Ceramics International	2021	0272-8842	https://www.researchgate.net/publication/362047554_Corrigendum_to_Structural_characteristics_optical_electrical_and_electrochemical_sensing_properties_of_graphene_and_multi_walled_carbon_nanotube_admixed_bismuth_iron_oxide_composite_ceramics_Ceramics	http://dx.doi.org/10.1016/j.ceramint.2022.07.099	Yes
Preparation of low cost NaCl single crystal for IR optical window applications	Dr. Gokul Raj S	Physics	Journal of Material Science	2021	0957-4522	https://www.researchgate.net/publication/354509385_Preparation_of_low_cost_NaCl_single_crystal_for_IR_optical_window_applications	https://link.springer.com/article/10.1007%2Fs10854-021-06955-7	Yes



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Structural characteristics, optical, electrical and electrochemical sensing properties of graphene and multi walled carbon nanotube admixed bismuth iron oxide composite ceramics	Dr. Gokul Raj S	PHYSICS	Ceramics International	2021	0272-8842	https://www.researchgate.net/publication/352733729_Structural_characteristics_optical_electrical_and_electrochemical_sensing_properties_of_graphene_and_multi_walled_carbon_nanotube_admixed_bismuth_iron_oxide_composite_ceramics	http://dx.doi.org/10.1016/j.ceramint.2021.06.141	Yes
Influence of nickel (Ni ²⁺) Swift Heavy Ion (SHI) irradiation on the optical, topological, dielectric, piezoelectric and ferroelectric properties of <0 1 1> oriented ferroelectric triglycine sulphate single crystals	Dr. Gokul Raj S	Physics	Chemical Physical Letters	2021	1873-4448	https://www.researchgate.net/publication/348988013_Influence_of_Nickel_Ni2_Swift_Heavy_Ion_SHI_Irradiation_on_the_Optical_Topological_Dielectric_Piezoelectric_and_Ferroelectric_Properties_of_Oriented_Ferroelectric_Triglycine_Sulphate_Single_Crystals	http://dx.doi.org/10.1016/j.cplett.2021.138389	Yes



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Glycine-assisted hydrothermal synthesis of pure and europium doped CeO ₂ nanoparticles and their structural, optical, photoluminescence, photocatalytic and antibacterial properties	Dr. Gokul Raj S	Physics	Chemical Physics Letters	2021	1873-4448	https://www.researchgate.net/publication/347472879_Glycine-assisted_hydrothermal_synthesis_of_pure_and_europium_doped_CeO2_nanoparticles_and_their_structural_optical_photoluminescence_photocatalytic_and_antibacterial_properties	http://dx.doi.org/10.1016/j.cplett.2020.138217	Yes
Fuzzyquotient-3cordiallabeling on some unicyclic graphs with pendantedges	P. Sumathi & J. Suresh Kumar	Mathematics	Journal of Algebraic Statistics	2022	1309-3452	https://publishoa.com	https://publishoa.com/index.php/journal/article/view/1050	Yes
Fuzzy quotient-3 cordial labeling on some cycle related graphs.	P. Sumathi & J. Suresh Kumar	Mathematics	International Research Journal of Innovations in Engineering and Technology	2022	2584-3048	https://irijet.com/	https://search.proquest.com/openview/70ea85deae27f45bf3d69082dfe544f3/1?pq-origsite=gscholar&cbl=5314840	Yes
Fuzzy quotient-3 cordial labeling of some subdivision graphs	P. Sumathi & J. Suresh Kumar	Mathematics	Advances and Applications in Mathematical Sciences	2022	0974-6803	https://www.mililink.com	https://www.mililink.com/upload/article/68489614aams_vol_221_november_2022_a19_p215-233_p_sumathi_and_j_suresh_kumar.pdf	Yes



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Lucas Antimagic Labeling of Some Star Related Graphs	P. Sumathi & N. Chandravadana	Mathematics	Indian Journal of Science and Technology	2022	1309-3452	https://indjst.org	https://indjst.org/articles/lucas-antimagic-labeling-of-some-star-related-graphs	Yes
Modular Chromatic Number of Certain Cyclic Graphs	P. Sumathi & S. Tamilselvi	Mathematics	Journal of Algebraic Statistics	2022	1309-3452	https://www.publishoa.com	https://publishoa.com/index.php/journal/article/view/1263	Yes
(s, d) Magic Labeling of Some type of graphs	P. Sumathi & P. Mala	Mathematics	Journal of the Asiatic Society of Mumbai	2022	0972-0766	https://www.asiaticociety.org.in/journal/	Print	Yes
Quotient-4 Cordial Labeling of Some Ladder Graphs	P. Sumathi & S. Kavitha	Mathematics	Journal of Algebraic Statistics	2022	1309-3452	https://www.publishoa.com	https://www.publishoa.com/index.php/journal/article/download/1055/912/1079	Yes
Fuzzy tri-magic labeling of some unicyclic graphs—Paper 2	P. Sumathi & C. Monigeetha	Mathematics	Journal of the Asiatic Society of Mumbai	2022	0972-0766	https://www.asiaticociety.org.in/journal/	Print	Yes
Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ -dispersed In ₂ O ₃ -spotted ZnO nanoparticles: Ammonia-source and surface and photocatalytic properties.	Chockalingam Karunakaran, Isaac Jeba Singh, Pazhamalai Vinayagamorthy	Chemistry	International Journal of Ceramic Technology	2022	1744-7402	https://ceramics.onlinelibrary.wiley.com/journal/17447402	https://doi.org/10.1111/ijac.14032	Yes



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Computational and biological efficacy of stigmasterol against HeLa cells and Vero cells- first time isolated from the ethanolic extract of Annonamuricata Linn leaves	J. Irshad Ahamed, K. Narendran, V. R. Ambika, R. Priya, P. Kamalarajan, T. Sundareswaran, B. Gunasekaran, S. Jayalakshmi,	Chemistry	Journal of Molecular Structure	2022	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://doi.org/10.1016/j.molstruc.2022.133548	Yes
Novel quinoxaline derivatives of 2, 3-diphenylquinoxaline-6-carbaldehyde and 4, 4'-(6-methylquinoxaline-2, 3-diyl) bis (N, N-diphenylaniline): Synthesis, structural, DFT ...	J Irshad Ahamed, GR Ramkumaar, P Kamalarajan, K Narendran, MF Valan, T Sundareswaran, TA Sundaravadivel, B Venkatadri, S Bharathi	Chemistry	Journal of Molecular Structure	2022	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://doi.org/10.1016/j.molstruc.2021.131418	Yes
Synthesis, spectral characterization, DFT-computational analyses on Novel 4-nitrobenzenaminium benzenesulfonate (4NBASA) crystal	J Irshad Ahamed, K Narendran, V Revathi Ambika, R Priya, P Kamalarajan, T Sundareswaran, B Gunasekaran, S Jayalakshmi	Chemistry	Journal of Molecular Structure	2022	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://doi.org/10.1016/j.molstruc.2022.133548	Yes



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A Scientometric Analysis of Air Pollution Publication during 2012-2021	Dr.S.Mahalakshmi	Librarian	IJRLS(International Journal of Research in Library science)	2022	2455-104X	https://www.ijrls.in	DOI : 10.26761/IJRLS	Yes
Recent Trends in Accessibility and Utilization of Electronic Resources by Undergraduate Students of Government Arts & Science Colleges, Thiruvallur District: A Study	Dr. S. Mahalakshmi	Librarian	IJIRT(International Journal of Innovative Research in Technology)	2022	2349-6002	https://ijirt.org	https://ijirt.org/Article?manuscript=156443	Yes
"Mapping of Artificial publications: A Scientometric study"	Dr. S. Mahalakshmi	Librarian	Journal of Xi'an Shiyou University Natural science Edition	2022	1673-064X	https://www.xisdjxsu.asia	https://www.xisdjxsu.asia/V1811-27.pdf	Yes
"A Scientometric Analysis for the Research on Aerodynamics: Quantity and Quality Assessment during 2012-2021	Dr. S. Mahalakshmi	Librarian	Journal of Xi'an Shiyou University Natural science Edition	2022	1673-064X	https://www.xisdjxsu.asia	https://www.xisdjxsu.asia/V1811-70-1.pdf	Yes



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A Study on overview of employee job satisfaction in the banking sector	Mr. A. Manikandan	Commerce	International Journal of Advanced Research in Science, Communication and Technology	2022	2581 - 9428	https://ijarsct.co.in/	https://ijarsct.co.in/Paper4113.pdf	Yes
Novel quinoxaline Derivatives of 2, 3-diphenylquinoxaline-6-carbaldehyde and 4, 4, 6-methylquinoxaline-2, 3-diyl) Synthesis, structural ...	Dr. G.R. Ramkumaar	Physics	Journal of Molecular structure	2022	1872-8014	https://www.researchgate.net/publication/348988013_Influence_of_Nickel_Ni7_Swift_Heavy_Ion_SHI_Irradiation_on_the_Optical_Topological_Dielectric_Piezoelectric_and_Ferroelectric_Properties_of_Oriented_Ferroelectric_Triglycine_Sulphate_Single_Crystals	http://dx.doi.org/10.1016/j.cplett.2021.138389	Yes



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Combined experimental and theoretical investigations on 9-[3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-1,9-dihydro-6H-purin-6-one 4-nitrophenol (IPNP) molecule	Dr. G.R. Ramkumaar	Physics	Journal of Molecular structure	2022	1872-8014	https://www.researchgate.net/publication/359794740_Combined_Experimental_and_Theoretical_Investigations_on_9-34-dihydroxy-5-hydroxymethyloxolan-2-yl-19-dihydro-6H-purin-6-one_4-nitrophenol_IPNP_Molecule	http://dx.doi.org/10.1016/j.molstruc.2022.133020	Yes
Influence of tungsten trioxide (WO ₃) on the topographical, structural, optical absorption and electrochemical characteristics of BFOMWCNT and BFO-Graphene nanocomposite ceramics	Dr. S. Gokul Raj	Physics	Journal of Molecular structure	2022	1872-8014	https://www.sciencedirect.com/science/article/abs/pii/S030101042200252X	https://doi.org/10.1016/j.chemphys.2022.111699	Yes



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Enhanced ferroelectric and piezoelectricity in 100 MeV Ag ion irradiated <011>-oriented TGS single crystals	Dr. S. Gokul Raj	Physics	Applied Physics A	Jul-22	0947-8396	https://www.researchgate.net/publication/361193174_Enhanced_ferroelectric_and_piezoelectricity_in_100_MeV_Ag7_ion-irradiated_oriented_TGS_single_crystals	http://dx.doi.org/10.1007/s00339-022-05692-w	Yes
Hydrothermal synthesis of undoped and inner transition metals (neodymium (Nd), gadolinium (Gd)) doped tin monosulfide (SnS) nanostructures: Comparative study of the morphological, optomagnetic properties and antibacterial performance	Dr. S. Gokul Raj	Physics	Chemical Physical Letters	2022	0009-2614	https://www.sciencedirect.com/science/article/abs/pii/S009261422002366	http://dx.doi.org/10.1016/j.cplett.2022.139569	Yes



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Exploration of Gamma irradiation effects on the structural, spectral characteristics, thermomechanical behaviour and optical constants in <011> oriented glycine-Di-Glycinium sulphate (TGS) single crystals	Dr. S. Gokul Raj	Physics	Journal of Molecular structure	2022	1872-8014	https://www.sciencedirect.com/science/article/abs/pii/S0022286021015787	https://doi.org/10.1016/j.jmolstruc.2021.131450	Yes
Investigation on crystallization kinetics using thermal analysis and crystalline behavior of yttrium iron garnet (YFeO) compounds	Dr. S. Gokul Raj	Physics	Results in Chemistry	2022	2211-7156	https://www.researchgate.net/publication/362610620_Investigation_on_Crystallization_Kinetics_Using_Thermal_analysis_and_Crystalline_Behavior_of_Yttrium_Iron_Garnet_Y3Fe5O12_Compounds	http://dx.doi.org/10.1016/j.reschem.2022.100475	Yes
(s, d) Magic Labeling of Some Ladder graphs	P. Sumathi & P. Mala	Mathematics	Mathematical Statistician and Engineering Applications	2023	2094 - 0343	https://www.e3s-conferences.org	https://www.e3s-conferences.org/articles/e3sconf/abs/2023/13/e3sconf_ersme2023_01110/e3sconf_ersme2023_01110.html	Yes



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Arithmetic Sequential Graceful Labeling on Star related Graph	P. Sumathi & G. Geetha Ramani	Mathematics	Indian Journal of Science and Technology	2023	2326 - 9865	https://indjst.org/	https://www.researchgate.net/publication/366012332-Arithmetic-Sequential-Graceful-Labeling-on-Star-Related-Graphs	Yes
Lucas Antimagic Labeling of Some cycle Related Graphs	P. Sumathi & N. Chandravadana	Mathematics	Journal of Aeronautical materials	2023	P ISSN - 0974-6846	https://www.hkclxb.cn/	https://indjst.org/articles/lucas-antimagic-labeling-of-some-star-related-graphs	Yes
Arithmetic Sequential Graceful Labeling on Complete Bipartite Graph	P. Sumathi & G. Geetha Ramani	Mathematics	Mathematical Statistician and Engineering Applications	2023	2094-0343	http://philstat.org/	https://www.philstat.org/index.php/MSEA/article/view/2207	Yes
Fuzzy quotient-3 cordial labeling on generalized Petersen graph	P. Sumathi & J. Suresh Kumar	Mathematics	Indian Journal of Science and Technology	2023	1309-3452	https://indjst.org/	https://indjst.org/articles/fuzzy-quotient-3-cordial-labeling-on-generalized-petersen-graph	Yes
Lucas Antimagic Labeling of Generalized Jahangir graph and its subdivision graph	P. Sumathi & N. Chandravadana	Mathematics	Purakala	2023	0971- 2143	https://rockartweb.com/index.php/journal	Print	Yes
Modular Chromatic Number of Inflated graphs	P. Sumathi & S. Tamilselvi	Mathematics	Industrial engineering Journal	2023	0970-2555	https://abcdindex.com/Journal/Industrial-Engineering-Journal-0970-2555	Print	Yes



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(s, d) Magic Labeling of Some Ladder graphs	P. Sumathi & P. Mala	Mathematics	International Scientific and Practical Conference “Environmental Risks and Safety in Mechanical Engineering	2023	eISSN: 2267-1242	https://www.e3s-conferences.org/articles/e3sconf/abs/2023/13/e3sconf_23/13/contents/con tents.html	https://www.e3s-conferences.org/articles/e3sconf/abs/2023/13/e3sconf_ersme2023_01110/e3sconf_ersme2023_01110.html	Yes
Effect of metal doping and non-metal loading on light energy driven degradation of organic dye using ZnO nanocatalysts	A. Priyadharsan , R. Ranjith , N. Karmegam , G. Thennarasu , S. Ragupathy , Tae Hwan Oh ,Subramaniyan Ramasundaram	Chemistry	Chemosphere	2023	1879-1298	https://www.sciencedirect.com/journal/ceramics-international	https://doi.org/10.1016/j.ceramint.2023.02.143	Yes
Effect of Mn doping on structural, optical and photocatalytic properties of SnO ₂ nanoparticles	Selvam Ragupathy, Subramaniyan Ramasundaram , G. Thennarasu, P. Harishsenthil , M. Krishnakumar , Tae Hwan Oh	Chemistry	Ceramics International	2023	1873-3956	https://www.sciencedirect.com/journal/chemosphere	https://doi.org/10.1016/j.chemosphere.2023.138708	Yes



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Facile co-precipitation synthesis of ZnO-NiO nanocomposites: fabrication, structural analysis, and assessing the impacts of various solvents on the photoabsorption, photoemission, photocatalytic, electrochemical sensing behaviour, and antibacterial activity	R.K. Shynu, S. Gnanam, J. Gajendiran, J. Ramana Ramya, G. Thennarasu, S. Gokul Raj, G. Ramesh Kumar	Chemistry	European Chemical Bulletin	2023	2063-5346	https://www.eurchembull.com/	https://doi:10.31838/ecb/2023.12.sa1.1092023.21/04/2023	Yes
Impact of aqueous and alcoholic solvents mediated on the structural, optical, photocatalytic and antibacterial properties of ZnO-MgO nanocomposites via co-precipitation route	R.K. Shynu , S. Gnanam , J. Gajendiran , J. Ramana Ramya, G. Thennarasu , S. Gokul Raj, G. Ramesh Kumar	Chemistry	European Chemical Bulletin	2023	2063-5346	https://www.eurchembull.com/	https://doi:10.31838/ecb/2023.12.sa1.2772023.21/04/2023	Yes



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Evaluation of Turnera subulata extract induced AgNPs for antimicrobial, antioxidant, cytotoxic, and anticancer properties against PANC-1	S. Indumathi	Zoology	Biomass conservation and Biorefinery	2023	2190-6823	https://link.springer.com/	https://doi.org/10.1007/s13399-023-04971-7	Yes
Study on Recent Trends in Online Green Marketing	Dr. L. Venkatesan	Commerce	European Chemical Bulletin	2023	2274-2277	https://www.eurchembull.com/	DOI: 10.31838/ecb/2023.12.s2.376	Yes
Consumer Perception towards E- Banking service among nationalized bank in Chennai	Dr. L. Venkatesan	Commerce	European Chemical Bulletin	2023	2261-2268	https://www.eurchembull.com/	DOI: 10.31838/ecb/2023.12.s2.374	Yes
Consumer Reliance in Influencer Marketing	Ms. R. Srimathi	Commerce	International Journal for Innovative Research in Multidisciplinary Field	2023	2455-0620	https://www.ijirmf.com/	DOIs: 10.2015/ijirmf/202302043	Yes



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Growth, physico-chemical properties, opto-electrical characteristics, thermo-mechanical and DFT studies of 4-aminoantipyrine single crystals	Dr. S. Gokul Raj	Physics	Journal of Molecular Structure	2023	1872-8014	https://www.sciencedirect.com/science/article/abs/pii/S0022286022017355	https://doi.org/10.1016/j.molstruc.2022.134084	Yes
Study of the structural, magnetic and dielectric properties of GdMnO ₃ -GdMn ₂ O ₅ nanocomposites via sol-gel route	Dr. S. Gokul Raj	Physics	Material letters	2023	1873-4979	https://www.sciencedirect.com/journal/materials-letters	https://doi.org/10.1016/j.matlet.2022.133311	Yes