

List of Publications

2022-2023

S.No	Title of the paper	First Author & Affiliation	Remaining Authors & Affiliation as per the order in papers	Name of the Journal / Conference	Volume No, Issue No Page No Month & Year	Indexing in Scopus/ SCI/ SCIE/ WoS etc	Online Link of the paper ( by clicking this link, paper should opened in online)
1.	Evaluation of microstructural, optical, vibrational properties and photocatalytic activity of CdO nanostructure	T Prakash, Key Laboratory of Colloid and Interface Chemistry, Ministry of Education, School of Chemistry and Chemical Engineering, State Key Laboratory of Crystal Materials, Shandong University	R. Priyanka, R. Siranjeevi, E.Ranjith Kumar, N.Arunadevi, S.Alharthi, Salman & Department of Chemistry, PSGR Krishnammal College for Women, Department of Chemistry, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University, Department of Physics, KPR Institute of Engineering and Technology, Department of Chemistry, College of Science, Taif University	Ceramics International	Vol. 48,33653 -33659, 2022	SCI	<a href="https://www.sciencedirect.com/science/article/abs/pii/S027288422202716X">https://www.sciencedirect.com/science/article/abs/pii/S027288422202716X</a>
2.	Microwave absorption properties of rare earth (RE) ions doped Mn–Ni–Zn nanoferrites (RE= Dy, Sm, Ce, Er) to shield electromagnetic interference (EMI) in X-band frequency	Ch. Srinivas, Sasi Institute of Technology & Engineering;	NagaPraveen, E Ranjith Kumar, Surendra Singh, Sher Singh Meena, Pramod; Bhatt, TV Chandrasekhar Rao, Debashish Sarkar; Arun, B; KC James Raju, D.L. Sastry & Department of Physics, KPR Institute of Engineering and Technology, Solid State Physics Division, Bhabha Atomic Research Centre, Homi Bhabha National Institute, Anushkatnagar, echnical Physics Division, Bhabha Atomic Research Centre, School of Physics, University of Hyderabad, Department of Physics, Andhra University	Ceramics International	Vol. 48,33891 -33900, 2022	SCI	<a href="https://www.sciencedirect.com/science/article/pii/S0272884222027651">https://www.sciencedirect.com/science/article/pii/S0272884222027651</a>
3.	Investigation of structural, mechanical and magnetic characterization of electroplated W deposited NiMo thin films	S. Ananthi & Department of Physics, Nandha College of Technology	T.S.Senthil, R.Kannan E. Ranjith Kumar & Department of Physics, Erode Sengunthar Department of Physics, School of Foundational Sciences, Kumaraguru College of Technology Engineering College, Department of Physics, KPR Institute of Engineering and Technology,	Journal of Materials Science: Materials in Electronics	Vol. 33, 20855-20866, 2022	SCI	<a href="https://link.springer.com/article/10.1007/s10854-022-08894-3#citeas">https://link.springer.com/article/10.1007/s10854-022-08894-3#citeas</a>
4.	Effect of fuel concentration on structural, vibrational, morphological properties and particle stability of NiO nanoparticles	V. Praveenkumar & Department of Physics, Dr. N.G.P. Institute of Technology	E.Janarthanan, E Ranjith Kumar, B. Ranjithkumar, S.Sathiyaraj, H B Ramalingam, Salman S Alharthi & Department of Chemistry, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Department	Ceramics International	Vol. 48 (24), 37027-3703, 2022	SCI	<a href="https://www.sciencedirect.com/science/article/pii/S0272884222030838">https://www.sciencedirect.com/science/article/pii/S0272884222030838</a>

			of Physics, KPR Institute of Engineering and Technology, Department of Physics, Sri Ranganathar Institute of Engineering and Technology, Department of Physics, Government Arts College, Udumalpet, Department of Chemistry, College of Science, Taif University				
5.	Structural and optical properties of salicyl-N-methyl-4-stilbazolium tosylate: Thermal, DFT, MEP and Hirshfeld surface analysis	S. Shanmuga Sundari & Department of Physics, PSGR Krishnammal College for Women	M.Mehala, N.Arunadevi, P.Kanchana, Salman S Alharthi, E.Ranjith Kumar, Y. Al-Douri, AF Abd El-Rehim & Department of Chemistry, PSGR Krishnammal College for Women, Department of Chemistry, College of Science, Taif University, Department of Physics, KPR Institute of Engineering and Technology, Engineering Department, American University of Iraq-Sulaimani, Department of Mechatronics Engineering, Faculty of Engineering and Natural Sciences, Bahcesehir University, Nanotechnology and Vatalysis Research Centre, University of Malaya, Physics Department, Faculty of Science, King Khalid University, hysics Department, Faculty of Education, Ain Shams University	Journal of Molecular Structure	Vol. 1271,134 072, 2023	SCI	<a href="https://www.sciencedirect.com/science/article/pii/S002286022017239">https://www.sciencedirect.com/science/article/pii/S002286022017239</a>
6.	Optimized green synthesis of ZnO nanoparticles: evaluation of structural, morphological, vibrational and optical properties	Zainab M Almarhoon & Department of Chemistry, College of Science, King Saud University	T. Indumathi, E.Ranjith Kumar & Department of Chemistry, CHRIST (Deemed to Be University), Department of Physics, KPR Institute of Engineering and Technology,	Journal of Materials Science: Materials in Electronics	Vol. 33,23659 -23672, 2022	SCI	<a href="https://link.springer.com/article/10.1007/s10854-022-09125-5">https://link.springer.com/article/10.1007/s10854-022-09125-5</a>
7.	Evaluation of physicochemical and biological properties of SnO <sub>2</sub> and Fe doped SnO <sub>2</sub> nanoparticles	Nuha Y Elamin & Department of Chemistry, College of Science, Imam Mohammad Ibn Saud Islamic University, Department of Chemistry, Sudan University of Science and Technology	T. Indumathi, E. Ranjith Kumar & Department of Chemistry, CHRIST, Department of Physics, KPR Institute of Engineering and Technology	Ceramics International	Vol. 49, 2388-2393, 2023	SCI	<a href="https://link.springer.com/article/10.1007/s10854-022-09086-9">https://link.springer.com/article/10.1007/s10854-022-09086-9</a>
8.	Investigation of physicochemical properties of ZnO nanoparticles for gas sensor applications	S. Ananthi & Department of Physics, The Madura College,	M. Kavitha, E.Ranjith Kumar, T.Prakash, R. Vandamar Poonguzhali, B. Ranjithkumar, A. Balamurugan,Ch. Srinivas, DL. Sastry & Department of Physics, KPR Institute of Engineering and Technology, Department of	Inorganic Chemistry Communications	Vol. 146, 110152, 2022	SCI	<a href="https://doi.org/10.1016/j.inoche.2022.110152">https://doi.org/10.1016/j.inoche.2022.110152</a>

			Physics, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University, Department of Physics, Dr N.G.P. Institute of Technology, Department of Physics, Sri Ranganathar Institute of Engineering and Technology, Department of Physics, Government Arts and Science College, Nanomaterials and Nanomagnetism Research Laboratory, Department of Physics, Sasi Institute of Technology & Engineering, Department of Physics, Andhra University				
9.	Evaluation of structural and electrical properties of perovskite ceramics for energy storage applications	VenkatrajAthikesavan & Department of Physics, Dr N.G.P. Institute of Technology, Coimbatore	E. Ranjith Kumar, J. Suryakanth & Department of Physics, KPR Institute of Engineering and Technology	New Journal of Chemistry	Vol. 46, 20433-20444, 2022	SCI	<a href="https://doi.org/10.1039/D2NJ04420J">https://doi.org/10.1039/D2NJ04420J</a>
10.	Natural lemon extract assisted green synthesis of spinel $\text{Co}_3\text{O}_4$ nanoparticles for LPG gas sensor application	R. Vandamar Poonguzhali & Department of Chemistry, Dr. N.G.P. Institute of Technology	E.Ranjith Kumar, Ch. Srinivas, Mubark Alshareef, Meshari M Aljohani, Ali A Keshk, Nashwa M El-Metwaly, N. Arunadevi & Department of Physics, KPR Institute of Engineering and Technology, Nanomaterials and Nanomagnetism Research Laboratory, Department of Physics, Sasi Institute of Technology & Engineering, Department of Chemistry, Faculty of Applied Science, Umm-Al-Qura University, Department of Chemistry, College of Science, University of Tabuk, Department of Chemistry, PSGR Krishnammal College for Women	Sensors and Actuators B: Chemical	Vol. 377, 133036, 2023	SCI	<a href="https://doi.org/10.1016/j.snb.2022.133036">https://doi.org/10.1016/j.snb.2022.133036</a>
11.	Physicochemical properties and photocatalytic activity of $\text{MoO}_3$ nanostructures: Evaluation of structural, optical, vibrational, and morphological properties	T. Usha Devi & Postgraduate and Research Department of Physics, Nanotechnology Lab, Kongunadu Arts and Science College	E Ranjith Kumar, Mohanraj Kumar, Babu Balraj, Chandrasekar Sivakumar, Palanisamy Matheswaran, Narendhar Chandrasekar, Senthil Kumar Nagarajan,	Ceramics International	Vol. 49, 13994-14006, 2023	SCI	<a href="https://doi.org/10.1016/j.ceramint.2022.12.281">https://doi.org/10.1016/j.ceramint.2022.12.281</a>
12	Magnetic studies of $\text{Mn}_2$ , substituted Zn-ferrite nanoparticles: Role of secondary phases, bond angles and	M. Deepty & Nanomaterials and Nanomagnetism Research Laboratory, Department of	G. Prasad, Ch.Srinivas, S.A.V.Prasad, E Ranjith Kumar, N Krishna Mohan, Sher Singh; Meena, Pramod Bhatt, DL. Sastry & Department of Physics, KPR Institute of	Solid State Communications	Vol. 361, 115077, 2023.	SCI	<a href="https://doi.org/10.1016/j.ssc.2023.115077">https://doi.org/10.1016/j.ssc.2023.115077</a>

	magnetocrystalline anisotropy	Physics, Sasi Institute of Technology & Engineering	Engineering and Technology, V. S. R. Government Degree & P.G. College, Solid State Physics Division, Bhabha Atomic Research Centre, Homi Bhabha National Institute, Department of Physics, Andhra University				
13	Pluronic F127 encapsulated titanium dioxide nanoparticles: Evaluation of physiochemical properties for biological applications	Nuha Y Elamin & Department of Chemistry, College of Science, Imam Mohammad Ibn Saud Islamic University, Department of Chemistry, Sudan University of Science and Technology	T. Indumathi, E.Ranjith Kumar & Department of Chemistry, CHIRIST, Department of Physics, KPR Institute of Engineering and Technology	Journal of Molecular Liquids	Vol. 379, 121655, 2023	SCI	<a href="https://doi.org/10.1016/j.molliq.2023.121655">https://doi.org/10.1016/j.molliq.2023.121655</a>
15	Study of thermal, structural, microstructural, vibrational and elastic properties of $Mn_xMg_{0.8-x}Zn_{0.2}Fe_2O_4$ ( $0.1 \leq x \leq 0.7$ ) ferrite nanoparticles	SAV Prasad & Nanomaterials and Nanomagnetism Research Laboratory, Department of Physics, Sasi Institute of Technology & Engineering, Department of Physics, Sri Krishnadevaraya University	Ch .Srinivas, R Jeevan Kumar, E Ranjith Kumar, K Vijaya Babu, Sher Singh Meena, Pramod Bhatt, SM Yusuf, DL. Sastry & Nanomaterials and Nanomagnetism Research Laboratory, Department of Physics, Sasi Institute of Technology & Engineering, Department of Physics, Sri Krishnadevaraya University, Department of Physics, KPR Institute of Engineering and Technology, Department of Physics, Centurion University of Technology and Management, Solid State Physics Division, Bhabha Atomic Research Centre, Homi Bhabha National Institute, Anushkatnagar, Department of Physics, Andhra University	Ceramics International	Vol. 49 (12), 20419-20428, 2023	SCI	<a href="https://doi.org/10.1016/j.ceramint.2023.03.170">https://doi.org/10.1016/j.ceramint.2023.03.170</a>
16	Structural, microstructural, vibrational, and thermal investigations of NiO nanoparticles for biomedical applications	C. Arun Paul & Department of Science and Humanities, Sri Krishna College of Engineering and Technology	E. Ranjith Kumar, J Suryakanth, AF Abd El-Rehim & Department of Physics, KPR Institute of Engineering and Technology, Physics Department, Faculty of Science, King Khalid University	Ceramics International	Vol. 49 (16), 27230-27246, 2023	SCI	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0272884223015390">https://www.sciencedirect.com/science/article/abs/pii/S0272884223015390</a>
17	Effect of doping concentration on structural, vibrational,	T. Pusphagiri & Department of Physics, KPR Institute of	E Ranjith Kumar, A.Ramalingam, AF. Abd El-Rehim, Ch. Srinivas & Department of Physics,	Ceramics International	Vol. 49 (14), 23903-	SCI	<a href="https://doi.org/10.1016/j.ceramint.2023.04.240">https://doi.org/10.1016/j.ceramint.2023.04.240</a>

	morphological and colloidal stability of Zn doped NiO nanoparticles for gas sensor applications	Engineering and Technology, Department of Physics, Government Arts College, Udumalpet	KPR Institute of Engineering and Technology, Physics Department, Faculty of Science, King Khalid University, Nanomaterials and Nanomagnetism Research Laboratory, Department of Physics, Sasi Institute of Technology & Engineering		23911, 2023		
18	Cd <sub>q</sub> nanorods capped with CTAB and SLS: amalgamation, investigations for optoelectronic applications	V Malarvizhi & PG and Research Department of Physics, Pachaiyappa's College	Ananth Steephen & Department of Physics, KPR Institute of Engineering and Technology	Journal of Optics	Vol. 52, 783-792, 2022	SCI, SCOPUS	<a href="https://link.springer.com/article/10.1007/s12596-022-01030-8">https://link.springer.com/article/10.1007/s12596-022-01030-8</a>
19	Computational, Investigational Explorations on Structural, Electro-Optic Behavior of Pclargonidin Organic Colorant for TiO <sub>2</sub> Based DSSCs	Satish Kumar Palanisamy, Department of Mechanical Engineering, Study World College of Engineering, Coimbatore 641105, India	Arun Kumar Udayakumar, Azher M Abed, Parthasarathy Panchatcharam, Suvitha Athisaya Rajah, Bradha Madhavan, Ananth Steephen & Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Department of Air Conditioning and Refrigeration, Al-Mustaqbal University College, Department of Electronics and Communication Engineering, CMR Institute of Technology, Department of Physics, CMR Institute of Technology, Rathinam Research Centre, Rathinam Technical Campus, Department of Physics, KPR Institute of Engineering and Technology	Symmetry	Vol. 15(22), 1-13, 2022	SCOPUS, SCIE	<a href="https://www.mdpi.com/2073-8994/15/1/22">https://www.mdpi.com/2073-8994/15/1/22</a>
20	Morphological analysis of shock wave exposed nickel tungsten thin film prepared by electroplating process	R Kannan & Department of Physics, School of Foundational Sciences, Kumaraguru College of Technology	G Nivetha, M Selvambikai, K Sundararaj, PS Prem Kumar, A Kalaivani & Department of Physics, School of Foundational Sciences, Kumaraguru College of Technology, Department of Aeronautical Engineering, Kumaraguru College of Technology, Department of Physics, KPR Institute of Engineering and Technology	AIP Conference Proceedings	Vol. 2446(1), 170004, 2022	WOS, SCOPUS	<a href="https://aip.scitation.org/doi/abs/10.1063/5.0108312">https://aip.scitation.org/doi/abs/10.1063/5.0108312</a>
21	Experimental and theoretical analysis for the structural, FT-IR, NLO, NBO and RDG properties of	A Suvitha & Department of Physics, CMR Institute of Technology, Bengaluru	NY Maharani, Hewa Y Abdullah, Steephen Ananth, P Vivek & Department of Physics, Gopalan College of Engineering, Physics	AIP Conference Proceedings	Vol. 2554, 050001 2023	WOS, SCOPUS	<a href="https://aip.scitation.org/doi/abs/10.1063/5.0103733">https://aip.scitation.org/doi/abs/10.1063/5.0103733</a>

	lindane using DFT technique		Education Department, Faculty of Education, Tishk International University, Department of Physics, KPR Institute of Engineering and Technology, Department of Physics, Sri Sankara Arts & Science College				
22	Solar photocatalytic hydrogen production from pulp and paper wastewater	Ananth Steephen & Department of Physics & Centre for Energy Sciences and Engineering, KPR Institute of Engineering and Technology	V Preethi, B Annenewmy, R Parthasarathy, M Sairam & Department of Civil Engineering, Hindustan Institute of Technology and Science, Dhanalakshmi Srinivasan Engineering College	<i>International Journal of Hydrogen Energy</i>	In Press corrected Proof	SCOPUS, SCIE	<a href="https://doi.org/10.1016/j.ijhydene.2023.03.381">https://doi.org/10.1016/j.ijhydene.2023.03.381</a>
23	Experimental and theoretical validation studies of A <sub>2</sub> SnO <sub>3</sub> (A = Ba, Ca, Sr) nanofibres for bioactivity applications	Bradha Madhavan & Department of Physics, Rathinam Technical Campus,	A. Suvitha, Ananth Steephen & Department of Physics, CMR Institute of Technology, Department of Physics, KPR Institute of Engineering and Technology	<i>International Journal of Nanotechnologies</i>	Vol. 19 (6-11), 554-565, 2023	SCOPUS, SCIE	<a href="https://doi.org/10.1504/IJNT.2022.128953">https://doi.org/10.1504/IJNT.2022.128953</a>
24	Ag-Decorated Vertically Aligned ZnO Nanorods for Non-Enzymatic Glucose Sensor Applications	Yu-Hsuan Lin & Institute of Nanoscience, National Chung Hsing University, Taichung	Chandrasekar Sivakumar, Babu Balraj, Gowtham Murugesan, Senthil Kumar Nagarajan and Mon-Shu Ho & Department of Physics, National Chung Hsing University, Taichung, Innovation and Development Center of Sustainable Agriculture (IDCSA), National Chung Hsing University, Department of Physics, KPR Institute of Engineering and Technology, Postgraduate and Research Department of Physics, Nanotechnology Lab, Kongunadu Arts and Science College	Nanomaterials	Vol. 13(4), 754, 2023	SCOPUS, SCIE	<a href="https://doi.org/10.3390/nano13040754">https://doi.org/10.3390/nano13040754</a>
25	Investigation on the growth, structure, and physical properties of pyridin-1-ium-2-carboxylate benzimidazole (1:1) hydrate single crystal	S.sivapriya & PG Research, Department of Physics (Reg. No: 12122), The M.D.T. Hindu College	R.Subramaniyan Raja, A. Arunkumar, K. Balasubramanian, T.JoselinBeaula, G. Padmasree & Department of Physics, KPR Institute of Engineering and Technology, Department of Physics, Methodist College of Engineering and Technology, Department of Physics and Research Centre, Malankara Catholic College,	<i>Journal of Materials Science: Materials in Electronics</i>	Vol. 939, 1-12, 2023	SCOPUS, SCI	<a href="https://doi.org/10.1007/s10854-023-10216-0">https://doi.org/10.1007/s10854-023-10216-0</a>

			Department of Physics, Stanley College of Engineering for Women.				
26	Effective and highly sunlight response $g-C_3N_4/CuS$ heterojunction photocatalyst for the degradation of tetracycline antibiotic	E. V. Siddharthan & PG and Research Department of Physics, Pachaiyappa's College	Ananth Steephen, T. Arumanayagam & Department of Physics, KPR Institute of Engineering and Technology, PG and Research Department of Physics, Pachaiyappa's College	Journal of Materials Science: Materials in Electronics	Vol. 34, 1225, 2023	SCOPUS, SCI	<a href="https://doi.org/10.1007/s10854-023-10649-7">https://doi.org/10.1007/s10854-023-10649-7</a>
27	Hypothetical, investigational explorations on potential metal organic single crystal Bis (2, 6-diaminopyridin-1-lum) hexaaquacobalt (II) disulfatedihydrate	P. Vivek & Department of Physics, Sri Sankara Arts & Science College	A. Suvitha, G. Saravana Kumar, M. Rekha, Ananth Steephen, R. Arunkumar & A. Suvitha & Department of Physics, CMR Institute of Technology, Department of Physics, Rajalakshmi Engineering College, Department of Instrumentation and Control Engineering, Sri Manakula Vinayagar Engineering College, Department of Physics, Department of Physics, Anna Adarsh College for Women KPR Institute of Engineering and Technology,	MRS Communications	Vol. 13, 451-459, 2023	SCOPUS, SCIE	<a href="https://doi.org/10.1557/s43579-023-00372-z">https://doi.org/10.1557/s43579-023-00372-z</a>
28	Investigation on growth, structure, and physical properties of an organic crystal 2-Aminopyridinium cyanoacetate	S. Sivapriya & The M.D.T. Hindu College	R.Subramaniyan Raja, Arun Kumar, J. Suryakanth, N. Arunadevi, E. Ranjith Kumar, K. Balasubramanian	Journal of Molecular Structure	Vol.1289, 135822 2023	SCI	<a href="https://doi.org/10.1016/j.molstruc.2023.135822">https://doi.org/10.1016/j.molstruc.2023.135822</a>
29	Generalization on Entropy-Ruled Charge and Energy Transport for Organic Solids and Biomolecular Aggregates	Karuppuchamy Navamani & Department of Physics, Centre for Research and Development (CFRD), KPR Institute of Engineering and Technology, Coimbatore	Kanakaraj Rajkumar & Department of Physics, Indian Institute of Technology Madras	ACS Omega	Vol. 7 (31), 27102-27115, 2022	SCI	<a href="https://pubs.acs.org/doi/10.1021/acs.omega.2c01118#:~:text=Here%2C%20entropy%20is%20the%20ruling%20distribution%20in%20the%20molecules.">https://pubs.acs.org/doi/10.1021/acs.omega.2c01118#:~:text=Here%2C%20entropy%20is%20the%20ruling%20distribution%20in%20the%20molecules.</a>
30.	Bio-efficacy of insecticidal molecule emodin against dengue,	Ragavendran Chinnasamy & Natural Drug Research Laboratory,	Balasubramani Govindasamy, Manigandan Venkatesh, Sivanandam Magudceswaran,	Environmental Science and Pollution Research volume	Vol.30, 61842-61862, 2023	SCI, SCOPUS	<a href="https://link.springer.com/article/10.1007/s11356-023-26290-0">https://link.springer.com/article/10.1007/s11356-023-26290-0</a>

	filariasis, and malaria vectors	Department of Biotechnology, School of Biosciences, Periyar University	Arulbalachandran Dhanarajan, Natarajan Devarajan, Peijnenburg Willie, Vivekanandhan Perumal, Supamit Mekchay, Patcharin Krutmuang & Department of Research & Innovation, Saveetha School of Engineering (SSE), Saveetha Institute of Medical and Technical Sciences (SIMATS), Thandalam, University of Texas Health Science Center, San Antonio, TX, USA, Department of Physics, Centre for Research and Development, KPR Institute of Engineering and Technology, Molecular and Stress Physiology Laboratory, Department of Botany, School of Life Sciences, Periyar University, Natural Drug Research Laboratory, Department of Biotechnology, School of Biosciences, Periyar University, Institute of Environmental Sciences (CML), Leiden University, P.O. Box 9518, 2300 RA, Leiden, The Netherland Center for Safety of Substances and Products, National Institute of Public Health and the Environment (RIVM), P.O. Box 1, Bilthoven, The Netherlands, Department of Entomology and Plant Pathology, Faculty of Agriculture, Chiang Mai University, Chiang Mai, 50200, Thailand, Department of Physiology, Saveetha Dental College and Hospitals, Saveetha Institute of Medical and Technical Sciences, Saveetha University, Department of Animal and Aquatic Sciences, Faculty of Agriculture, Chiang Mai University, Chiang Mai, 50200, Thailand, Department of Entomology and Plant Pathology, Faculty of Agriculture, Chiang Mai University, Chiang Mai, 50200, Thailand				
31.	Influence of green tea on alcohol aggravated	Swarnalatha Kodidela & Department of Biochemistry, Sri Krishnadevaraya	Fareeda Begum Shaik, Chandra Mohan Mittameedi, Sivanandam Mugudeeswaran & Department of	Heliyon	Vol.9(7), E17385, 2023	NA	<a href="https://www.cell.com/heliyon/fulltext/S2405-">https://www.cell.com/heliyon/fulltext/S2405-</a>



	neurodegeneration of cortex, cerebellum and hippocampus of STZ-induced diabetic rats	University, Anantapur, Andhra Pradesh	Biochemistry, Sri Krishnadevaraya University, Anantapur, Department of Microbiology and Food science technology, GITAM University, Department of Physics, Centre for Research and Development (CFRD), KPR Institute of Engineering and Technology,				<a href="https://pubs.acs.org/doi/10.1021/acs.omega.2c08046#:~:text=In%20this%20report%2C%20the%20introduced.%2F(q%2C%2B7%CE%94hs">8440(23)04593-0?returnURL=https%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS2405844023045930%3Fshowall%3Dtrue</a>
32.	Quantum-Classical Transition Analogy of the Diffusion-Mobility Relation for Hopping and Band Transport Systems: Molecules to Materials	K.Navamani & Department of Physics, Centre for Research and Development (CFRD), KPR Institute of Engineering and Technology,	NA	ACS Omega	Vol.8 (18), 16009-16015, 2023	SCIE, SCOPUS	<a href="https://pubs.acs.org/doi/10.1021/acs.omega.2c08046#:~:text=In%20this%20report%2C%20the%20introduced.%2F(q%2C%2B7%CE%94hs">https://pubs.acs.org/doi/10.1021/acs.omega.2c08046#:~:text=In%20this%20report%2C%20the%20introduced.%2F(q%2C%2B7%CE%94hs)</a>



**Dr. S. ANANTH**  
Professor and Head  
Department of Physics  
Kpr Institute of Engineering and Technology  
Coimbatore - 641 407.