



3.4.3: Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years

LIST OF PAPERS PUBLISHED IN SCOPUS / WEB OF SCIENCE / UGC CARE INDEXED JOURNALS

YEAR - 2022

Number of Papers Published: 63

Sl. No.	Name of the author/s	Department	Title of Article	Name of the Journal	Year of Publication	ISSN number
1.	A. Mary Odilya Teena, A. Isabella Amali, I. Roseline Jecintha	Computer Applications	Comprehensive Trust Based Service Selection Model in Federated Cloud	Journal of Algebraic Statistics	2022	1309-3452
2.	S. Sebastian S. Silvan	Physics, Biochemistry	Conformational analysis, molecular structure, spectroscopic, NBO, reactivity descriptors, wave function and molecular docking investigations of 5,6-dimethoxy-1-indanone: A potential anti Alzheimer's agent	Heliyon	20.01.2022	2405-8440
3.	Chinnappan Adaikalaraj Francisxavier	Chemistry	Synthesis, spectral characterization, intramolecular	Journal of Molecular Structure	Apr-22	0022-2860



	Paularokiadoss Selvaraj Immanuel S. Albert nickson		interactions, electronic nonlinear optical response and molecular docking studies of ethyl-6-methyl-4-(3-(1-methyl-1H-pyrrole-2-carboxamido)phenyl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate			
4.	A.Amalorpavadoss	Chemistry	SnO ₂ nanoparticles loaded Cashew Nut Shell resin modified polyvinyl alcohol nanocomposite membranes for PEMFCs	Journal of Emerging Technologies and Innovative Research	May-22	2349-5162
5.	Francixavier Paularokiadoss	Chemistry	Structural analysis and chemical descriptors analysis of 4-aminopyridine adsorbed on M ₄ (M = Co, Ni, Cu) clusters: A DFT study	Vietnam Journal of Chemistry	Apr-22	2572-8288
6.	Francisxavier Paularokiadoss, D. Bhakiaraj	Chemistry	Group 13 monohalides [AX (A = B, Al, Ga and In; X = Halogens)] as alternative ligands for carbonyl in organometallics: Electronic structure and bonding analysis	Computational and Theoretical Chemistry	Jan-22	2210-271X



7.	C. Adaikalaraj, D. Bhakiaraj, Thiruthuvadevaraj Antony Sandosh, Francisxavier Paularokiadoss	Chemistry	Synthesis and characterization of ethyl-6-methyl-2-oxo-4-(3-(2,4,5-trifluorobenzamido)phenyl)-1,2,3,4-tetrahydropyrimidine-5-carboxylate. A DFT approach	Vietnam Journal of Chemistry	May-22	2572-8288
8.	I. Savarimuthu	Commerce	A Study on Different Dimensions on Workforce Diversity in Different Sectors with Reference to Chennai City	International Journal of Special Education	2022	1917-7844
9.	Alex Aruldoss, T. Miranda Lakshmi	Bank Management, Business Administration (CA), Computer Science	The relationship between work–life balance and job satisfaction: moderating role of training and development and work environment	Journal of Advances in Management Research(JAMR)	April 2022, 19(2), pp. 240– 271	0972-7981
10.	S. Anjal Mose J. Arockia Aruldoss	Mathematics	Double Layered Neighbourly irregular Fuzzy Chemical Graphs Using Vertex Cut Method	Journal of Algebraic Statistics	2022	1309-3452
11.	R.sagayaraj	Physics	Structural, Spectroscopy and Magnetic Properties of Copper Doped Nickel	Chemistry Africa	Aug-22	2522-5766



			Ferrite by the Co-precipitation Method			
12.	A. Gracy Janova	Tamil	இனவரைவியல் நோக்கில் புறநானூறு / Ethnography from Purananuru's perspective	International Research Journal of Tamil	05.12.2022	2582-1113
13.	L. Jethruth Emelda Mary	Mathematics	A Study on Labeling of Standard Graphs	Shanlax International Journal of Arts, Science Humanity	Aug-22	2582-0397
14.	S. Anjalmoose	Mathematics	Properties of Fuzzy Co- Locally irresolvable sets	Advances and Applications in Mathematical Sciences	Dec-22	0974-6803
15.	J. Jon Arockiaraj	Mathematics	Under Homomorphism and Anti-Homomorphism of a Study on (Q,L)- Fuzzy ℓ -Subsemiring of a ℓ -Semiring	International Journal of Mathematics Trends and Technology	Dec-22	2231-5373
16.	A. Venkatesan	Mathematics	Synthesis, characterization and magnetic properties of mg ²⁺ ndoped green pigment cobalt aluminate	Journal of Materials Science: Materials in Electronics	Sep-22	0957-4522
17.	A. Arokia Mary	Mathematics	Analyzing the Lack of Interest in the Undergraduate Science Courses by Using Fuzzy Relational Equations of Max-Add Composition.	TELEMATIQUE	17.08.2022	1856-4194



18.	R. Padmapriya, S. Anjalmose	Mathematics	T-fuzzy bi-quasi ideals in ternary gamma-semi-ring	AIP Conference Proceedings	Nov-22	1551-7616
19.	R. Padmapriya, S. Anjalmose	Mathematics	T-fuzzy quasi-ideals, T-fuzzy bi-ideals in ternary gamma-semi-ring	AIP Conference Proceedings	Nov-22	1551-7616
20.	S. Anjalmose, J.Arockia Aruldoss	Mathematics	Chromatic Index and Line graphs of Neighbourly Irregular Fuzzy Chemical Graphs(GNIFC) among s-block and p-block elements	Punjab University Journal of Mathematics	Sep-22	1016-2526
21.	S. Xavier S. Sebastian	Physics	DFT and Molecular Docking Analysis of Newly Synthesized Compound (2E)-3-[3-Benzyloxy)Phenyl]-1-(4'-Chlorophe-Nyl)-2-Propen-1-One[Bpclpo]	Current Physical Chemistry	August, 2022	1877-9476
22.	R. Sagayaraj S. Sebastian	Physics	Synthesis and Enhanced Photo Degradation on Copper Ferrite Nano Particles	St. Joseph's Journal of Humaniteis and Science	August, 2022	2347-5331
23.	S. David Amalraj D. Bhakiraj A. Amalorpavadoss	Chemistry	A Facile Catalytic One-Pot Synthesis of Benzimidazole and Benzothiazole Compounds using Amberlite IRA 400-Cl Resin as Green Catalyst	Asian Journal of Chemistry	Jun-22	0970-7077



24.	S. David Amalraj	Chemistry	A facile one-pot synthesis, computational and molecular docking studies of benzimidazole and benzothiazole compounds using Amberlite IRA 400-Cl resin as green/reusable catalyst	Journal of Molecular Structure	Jul-22	0022-2860
25.	F. Paul Arokiadoss	Chemistry	Experimental and theoretical studies of novel Schiff base based on diammino benzophenone with formyl chromone – BPAMC	Journal of Molecular Structure	Oct-22	Online ISSN: 1872-8014 Print ISSN: 0022-2860
26.	F. Paularokiadoss C. Adaikalaraj M. Sebastian Marianathan G. Anand	Chemistry	Exploring the Fe doped borazine system as a promising CFC adsorbent: A DFT study	Computational and Theoretical Chemistry	Nov-22	Online ISSN: 2210-2728 Print ISSN: 2210-271X
27.	C. Justin Marshal R. Vidya	Computer Applications & Computer Science	Potential study on Social Network Falsehood Detection and Suggestions	Journal of Algebraic Statistics	May-22	1309-3452
28.	T. Miranda Lakshmi	Computer Science	A Study on Indirect Performance Parameters of Object Detection	Springer Nature, SN Computer Science	Jul-22	2662-995X (Print)
29.	I. Benjamin Franklin	Computer Applications	Machine Learning-Based Trust Management	SN Computer Science	Aug-22	2661-8907



			in Cloud Using Blockchain Technology			
30.	R. Roseline	Computer Applications	A brief overview Applications of Artificial Intelligence in Machine Learning	Journal of the Maharaja Sayajirao University of Baroda	Nov-22	0025-0422
31.	R. Roseline	Computer Applications	Impact of Blockchain Technology on Financial Services	Neuro Quantology	Oct-22	1303-5150
32.	M. Parimala Celia	Microbiology	Evaluation of Antibacterial activity of Cleome gynandra and Cassia alata against bacterial pathogens and characterization of phytochemicals using GC-MS analysis	Uttar Pradesh Journal of Zoology	Oct-22	0256-971X (P)
33.	M. Parimala Celia	Microbiology	Antibacterial potential of plant parts of Ficus racemosa against human pathogens and GC-MS analysis	Uttar Pradesh Journal of Zoology	Oct-22	0256-971X (P)
34.	M. Om Prakash	Business Administration (CA)	IPOs in Indian Stock Market: Analyzing Pricing and Performance of IPO Listed in 2021	Shanlax International Journal of Management	October 2022	P-ISSN: 2321-4643 E-ISSN: 2581-9402
35.	M. Monika	Business Administration (CA)	A study to measure the morale of employees in select manufacturing	Shodha Prabha, Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeetha	December 2022	P-ISSN: 0974-8946



			company of cuddalore district			
36.	I. Savarimuthu	Commerce	A study on Skill and performance of higher secondary school teachers –Competency mapping and analysis	IOSR Journal of Business and Management (IOSR-JBM)	Sep-22	2319-7668
37.	R. Krishnakumar	Commerce	A Study on the Purchase Behavior and Cosmetic Consumption Pattern among Young ladies in Cuddalore megacity.	International Journal of Science & Engineering Development Research	Dec-22	ISSN 2455-2631
38.	S. Nirmal Raj	Economics	A Study on cropping pattern and climate change in Tamil Nadu with special reference cuddalore district	Journal of the asiatic society of mumbai	2022	0972-0766
39.	V. R. Suresh Kumar	English	Reality and Imaginary: The Concept of Liberal Feminism in Galsworthy's The Fugitive	IJCIRAS	Jun-22	2581-5334
40.	X. Ann Lanka Jeyadharshini	English	Subjugation And Exploitation of The Marginalised African Women in The Select Works of Bessie Head	Specialusis Ugdymas	Aug-22	2424-3299
41.	X. Ann Lanka Jeyadharshini	English	Racial Inequalities in Selected Works of Bessie Head	Neuro Quantology	Aug-22	1303-5150



42.	S. Pravina Mary	Zoology	Study of the morphological and histological studies of finger millet (<i>Eleusine coracana</i> (L.) Gaertn.) using sugar mill effluent	International Journal of Scientific Research in Engineering and Management	October, 2022	2582-3930
43.	Francisxavier Paularokiadoss	Chemistry	Biological synthesis and characterization of zinc oxide nanoparticles (ZnONPs) from <i>Anisomeles malabarica</i>	Biological synthesis and characterization of zinc oxide nanoparticles (ZnONPs) from <i>Anisomeles malabarica</i>	Vietnam Journal of Chemistry	May-22
44.	I. Savarimuthu	Commerce	Structural Equation Model for effect of skill, and job performance of Post Graduate Teachers – An analysis	Structural Equation Model for effect of skill, and job performance of Post Graduate Teachers – An analysis	International Journal of Current Science (IJCS PUB)	2022
45.	S. Anjal Mose J. Arockia Aruldoss	Mathematics	Neighbourly Irregular Fuzzy Chemical Graphs	Neighbourly Irregular Fuzzy Chemical Graphs	Stochastic Modeling & Applications	January-June, Special Issue 2022 part 5
46.	Sumitha Devarajan	Microbiology	Treatment of Drinking water for turbidity reduction using <i>Strychnos potatorum</i> Linn seed in Pilot Plant	Treatment of Drinking water for turbidity reduction using <i>Strychnos potatorum</i> Linn seed in Pilot Plant	International Journal of Creative Research Thoughts	Feb-22



47.	R.Sagayaraj S. Sebastian	Physics	Influence of Ce ³⁺ (Rare Earth Element) on the Structural, Morphological, Impedance, Binding Energy and Ferrimagnetic Properties of Spinel ZnFe ₂ O ₄ Nanoparticles Fabricated by the Coprecipitation Method: Antibacterial Activity	Influence of Ce ³⁺ (Rare Earth Element) on the Structural, Morphological, Impedance, Binding Energy and Ferrimagnetic Properties of Spinel ZnFe ₂ O ₄ Nanoparticles Fabricated by the Coprecipitation Method: Antibacterial Activity	Chemistry Africa	Dec-22
48.	R. Krishnakumar	Commerce	Relationship Between Barriers and Client Satisfaction: Performance of Healthcare Unit as A Mediator	International Journal of Commerce and Management	Oct-22	ISSN-0976-2183
49.	Alex Aruldoss, G. Bhuvanewari	Commerce (BM)	Work-From-Home Productivity and Job Satisfaction: A Double-Layered Moderated Mediation Model	Sustainability	2022	ISSN: 2071-1050
50.	A. Lilly, R. Rajkumar	Commerce, Bank Management	Aggrandizing the human resource development with underpinning Artificial Intellegene	Journal of Statistics and Mangement Systems	2022	0972-0510



51.	T. Jackuline Suganthi	English	Archetypal Journey of Karna a Mythical Character: An Analysis	St. Joseph's Journal of Humanities and Science	2022	2347 - 5331
52.	B. Prabakaran	English	The Patriarchal Predators in Amitav Ghosh's The hungry Tide	St. Joseph's Journal of Humanities and Science	2022	2347 - 5331
53.	V.R. Suresh Kumar	English	Sustainable Development in the Select Novels of Amish Tripathi	St. Joseph's Journal of Humanities and Science	2022	2347 - 5331
54.	M.A. Mary	English	Bicultural Ambivalence in Jhumpa Lahiri's The Namesake	St. Joseph's Journal of Humanities and Science	2022	2347 - 5331
55.	Sumitha Devarajan	Microbiology	MLVSS / MLSS ratio's standard value obtained from different aeration tank samples of different capacity sewage treatment plant - A case study	Indian Journal of Microbiology Research	2022	2394 – 5478
56.	Sumitha Devarajan	Microbiology	Performance evaluation of 1 MLD MBBR type sewage treatment plant	Indian Journal of Microbiology Research	2022	2394 – 5478
57.	J. Durai Raj	Social Work	A Perspective Study on Community Development through the Implementation of Micro finance Programmes and Financial Inclusion	Journal of Positive School of Psychology	2022	2717-7564
58.	S. Pravina Mary	Zoology	Study of the morphological and	International Journal of Scientific Research	2022	2582-3930



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			histological studies of finger millet (<i>Eleusine coracana</i> (L.) Gaertn.) using sugar mill effluent	in Engineering and Management (IJSREM)		
59.	M.Parimala Celia	Microbiology	Antibacterial studies, GC/MS Analysis and Antioxidant activity of plant parts of <i>Achyranthes aspera</i>	International Journal of Applied Research	2022	2394-5869
60.	R.sagayaraj	Physics	Influence of Ce ³⁺ Substitution on Magnetic Properties and Antibacterial Activity of Manganese Ferrite Nanoparticles Synthesized by Coprecipitation Method	Asian Journal of Chemistry	Aug-22	0975-427X
61.	R.sagayaraj	Physics	A review on structural and magnetic properties of magnesium ferrite nano particles	International nano letters	Feb-22	2228-5326
62.	D. Leema Rose Mary	Biochemistry	In-vitro screening of pharmacological activity of <i>Ananas comosus</i> leaves and peel	International Journal of Scientific Research Review(IJSRR)	2022	2279-543X
63.	A. Radhakrishnan	Commerce	Study on Digital Platforms and their Adoption with Special to Urban Users	GIS Science Journal	2022	1869-9391


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