



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 - 2021

Number of Papers Published: 66

Sl. No.	Name of the author/s	Department	Title of Article	Name of the Journal	Year of Publication	ISSN number
1.	V. R. Suresh Kumar	English	Pandemic Through the Lens of Literature	International Journal of Research and Analytical Reviews	2021	2348- 1269 2349-5138
2.	J.Jon Arockiaraj	Mathematics	Smart Fuzzy Graph	Journal of Physics: Conference Series	2021	1742-6596
3.	M.Sathish	Physics	Spectroscopic (FT-IR, FT-Raman, UV-Vis) Molecular Structure, Electronic, Molecular docking, and thermodynamic investigations of indole-3-carboxylic acid by DFT method	Journal of Molecular structure, Elsevier	2021	1872-8014
4.	M. Maria Julie	Physics	Structural (monomer and dimer), wave functional, NCI analysis in aqueous phase, electronic and	Journal of Molecular Liquids	2021	0167-7322



			excited state properties in different solvent atmosphere of 3-[(E)-[(3,4-dichlorophenyl)imino]methyl] benzene-1,2-diol			
5.	S.Sangeetha Margreat, S. Sebastian, S. Xavier	Physics	Synthesis, spectroscopic, quantum computation electronic, aim, wave function (ELF, LOL) and molecular docking investigation on (e)-1-(2,5-dichlorothiophen-3-yl)-3-(thiophen-2-yl)-2-propen-1-one	Chemical data collection	2021	2405-8300
6.	R.Sagayaraj	Physics	Evaluation of Bioactive Potential of a Tragia involucrata Healthy Leaf Extract @ ZnO	BioNanoScience	2021	2191-1630
7.	R.Sagayaraj	Physics	Structural, Spectroscopic and Magnetic Study of Nanocrystalline Terbium–Nickel Ferrite by Oxalate Co-Precipitation Method	Chemistry Africa	Jul-22	2522-5758
8.	R.Sagayaraj	Physics	Microstructure and magnetic properties of $Cu_{0.5}Co_{0.3}Mo_{0.2}Fe_2O_4$ ferrite nanoparticles	Applied physics A	2021	0947-8396



			synthesized by Coprecipitation method			
9.	R.Sagayaraj	Physics	Review on structural and magnetic properties of (Co–Zn) ferrite nanoparticles	International nano letters	2021	2228-5326
10.	A.Amalorpavadoss	Chemistry	Synthesis and characterization of piperazine containing polyaspartimides blended polysulfone membranes for fuel cell applications	Journal of Solid State Electrochemistry	2021	1433-0768
11.	F. Paularokiadoss	Chemistry	Coordination of indium monohalide with group-10 metal carbonyls [TM(CO) ₃ (InX)]: a DFT study	Chemical Papers	2021	2585-7290
12.	F. Paularokiadoss, Thiruthuvadevaraj Antony Sandosh	Chemistry	Theoretical studies of group 10 metal gallylene complexes [TM(CO) ₃ (GaX)]	Computational and Theoretical Chemistry	2021	2210-271X
13.	Alex Aruldoss	Bank Management, Business Administration (CA)	Empirical Relationship of Macroeconomic Variables and Stock Prices : Indian Stock Market and Japanese Stock Market	Finance India	2021	0970 - 3772
14.	Alex Aruldoss	Bank Management, Business Administration (CA)	The Relationship Between Human Resource Management Practices, Knowledge	Global Business Review	2021	0973-0664



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			Management Practices, and Performance: Evidence from the Healthcare Industry in India			
15.	V. R. Suresh Kumar	English	Predicament of Working Women in Sean O’Casey’s Juno and the Paycock	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	2455-6211
16.	X.Ann Lanka Jeyadharshini	English	Repressive Ideology of Ruling Class in Upton Sinclair’s The Flivver King	IJARESM- International Journal of All Research Education & Scientific Methods	2021	2455-6211
17.	A.Isabella	English	A Feminist study of Toni Morrison’s The Bluest Eye	International Journal of All Research Education and Scientific Methods	2021	1734 - 1735
18.	J.Jon Arockiaraj	Mathematics	Max Connectivity and Inherent value of a Smart Fuzzy graph	South East Asian Journal of Mathematics and Mathematical Sciences	2021	2582-0850
19.	T.Henson	Mathematics	On direct sum of four fuzzy graphs	Journal of Physics: Conference Series	2021	1742-6596
20.	S. Johnson Savarimuthu	Mathematics	Hexagon Hesitant Fuzzy Multi – Attribute Decision Making Based On TOPSIS	Journal of Physics: Conference Series	2021	1742-6596



21.	R.Aruna Kirithika	Computer Applications	An Efficient ensemble of Brain Tumour Segmentation and Classification using Machine Learning and Deep Learning based Inception Networks	Turkish Journal of Computer and Mathematics Education	2021	3048-4855
22.	A. Mary Odilya Teena	Computer Applications	Intelligent and Deep Learning Collaborative method for E-Learning Educational Platform using Tensor Flow	Turkish Journal of Computer and Mathematics Education	2021	3048-4855
23.	L.Vijayakumar	Commerce	Monetary Consideration Among Rustic Families In Puducherry	Turkish Journal of Computer and Mathematics Education	2021	3048-4855
24.	T. Jackuline Suganthi	English	Hardships of Divorced Women in Rachel Cusk's Aftermath: On Marriage and Separation	IJARESM- International Journal of All Research Education & Scientific Methods	2021	2455-6211
25.	R.Aruna Kirithika	Computer Applications	Segmentation and Classification of Brain Tumor using Machine Learning and Deep Learning based Inception Model	Annals of the Romanian Society for Cell Biology	2021	1583-6258
26.	D. Leema Rose Mary P. Marie	Biochemistry	In-Vitro Study of Anti-Diabetic, Anti-Cancer And Anti-Urolithiatic	International Journal of Pharmaceutical	21.09.2021	2320-5148



	Arockianathan A. Lawrance		Activity of Different Extracts of Prosopis Juliflora Seeds	Sciences and Research		
27.	Kalist Shagirtha Leema Rose Mary, Priya Nagappan	Biochemistry	Screening of Phytochemical and Antioxidant Profile of <i>Cocos Nucifera</i> Flowers in Methanol Extract	World Journal of Pharmaceutical Research	11.07.2021	2277– 7105
28.	A Amalorpavadoss	Chemistry	Synthesis, Characterization and anti- corrosion property of GPTMS functionalized mesoporous silica (F- SBA-15) incorporated aliphatic chain containing polybenzoxazine nanocomposites	Composite Interfaces	Dec-21	0927-6440
29.	L. Santhana Raj	Commerce	A Study on Training and Development among the Employees in Tamil Nadu State Transport Corporation. (TNSTC)	International Journal of Recent Advances in Multidisciplinary Topics	2021	2582-7839
30.	R. Vidhyalakshmi, K.Padmavathi	Computer Applications	Analysis of oral epithelial dysplasia using machine learning technique	IT in Industry	2021	2204-0595
31.	Francisxavier Paularokiadoss, Selvaraj Immanuel	Chemistry	Chemistry of group-10 metals monohaloalumylene complexes	Theoretical Chemistry Accounts	Jul-21	1432-881X



			[TM(CO)3AIX]: a DFT study			
32.	T. Antony Sandosh	Chemistry	Synthesis and characterization of Cu _{0.92} Co _{2.08} O ₄ nano plates for supercapacitor electrode application	Ferroelectrics	Dec-21	1563-5112
33.	L. Jethruth Emelda Mary	Mathematics	Domination and its Related Parameters in a Triple Layered Fuzzy Graph	Journal of Physics: Conferenc Series	26.07.2021	1742-6596
34.	A. Arokia Mary	Mathematics	A Study On Some Named Graphs To Find The Minimum Spanning Treeb(MST) Using Greedy Algorithms	Journal of Physics: Conferenc Series	26.07.2021	1742-6596
35.	L. Jethruth Emelda Mary	Mathematics	A Study On Distinct Fuzzy Colourings and Domination Parameters in Double Layered Fuzzy Graph	Journal of Physics: Conferenc Series	26.07.2021	1742-6596
36.	R. Padma Priya	Mathematics	Novel Approach for Possibility Fermatean Bipolar Fuzzy Sets and its Applications	Gedrag and Organisatie Review	Nov-21	0921-5077
37.	Jayabalan Jayaprakash, Pernabas John Thomas, Devadoss John	Microbiology, Physics	Antibacterial and Anti-bio film activities of novel antibiotic conjugated silver nanoparticles	Materials Today; Proceedings	Oct-21	2214-7853



	Milton, Chandrasekaran Swaminathan, M. Sathish, Mani Ganesh					
38.	S. Xavier, S. Sebastian, Francisxavier Paular okiadoss, Richard Rajkumar	Physics, Chemistry	Synthesis, reaction pathways, homa, TG/DSC, spectroscopic and quantum computational analysis of (2E)-3-[3-(benzyloxy)phenyl]-1-phenyl-2-propen-1-one	Journal of Molecular Structure	Feb-22	1872-8014
39.	X. Ann Lanka Jeyadharshini	English	Gastronomic Realism in Upton Sinclair's <i>The Jungle</i>	International Journal of Research and Analytical Reviews (IJRAR)-An International Open Access Journal	2021	2349-5138
40.	Vanathi S	Social work	Physical abuse faced by Adolescent students at Cuddalore District Tamil Nadu	Journal of Fundamental & Comparative Research	2021	2277 - 7026
41.	R.Sudaroli	History	The Impact of French Colonial Policy And Cast And Religion French Position In Indian With Special Refrence to Pondicherry	International Journal of Creative Research Thoughts (IJCRT) An International Open Access, Peer-reviewed, Refereed Journal	2021	2320-2882



42.	M. Maria Julie	Physics	In silico drug evaluation and drug research of bioactive molecule methyl 4-bromo-2-fluorobenzoate	J. Fc. Pharm. Ankara	2021	1015-3918
43.	M.Sathish	Physics	Acoustic, thermal and optical properties of organic based disodium tartrate salt	International Journal of Science and Research Archive 18	2021	2582-8185
44.	A.Arokiamary	Mathematics	Fuzzy Relational Equation of minimum Addition composition	STRAD research	2021	0039-2049
45.	R.Vidya	Computer Science	A Survey on the Efficient Database to Improve the Understanding and Techniques Related to the Study of Lung Carcinoma	Design Engineering	2021	0011-9342
46.	D. Bhakiaraj	Chemistry	Synthesis, spectral analysis, antibacterial activity and molecular docking studies of some novel derivatives of combined tetrazole and thiosemicarbazide moieties	Journal of Advanced Scientific Research	Dec-21	0976-9595
47.	S. Anjal Mose	Mathematics	Analysis of Critical Path By Using Fuzzy Triangular Numbers	Journal of Physics: Conferenc Series	26.07.2021	1850 012049
48.	P.ArulPrasad	Commerce	Service quality impact on customer brand equity in	Elementary Education Online	2021	1305-3515



			tele communication Industry			
49.	R.Sagayaraj	Physics	Review on structural and magnetic properties of (Co-Zn) ferrite nanoparticles	International nano letters	Feb-21	2228-5326
50.	R.Sagayaraj	Physics	Microstructure and magnetic properties of $Cu_{0.5}Co_{0.3}Mo_{0.2}Fe_2O_4$ ferrite nanoparticles synthesized by coprecipitation method	Applied Physics A	Sep-21	1432-0630
51.	R.Sagayaraj	Physics	Evaluation of Bioactive Potential of a <i>Tragia involucrata</i> Healthy Leaf Extract @ ZnO Nanoparticles	BioNanoScience	Apr-21	2191-1649
52.	J. Arockia Aruldoss	Mathematics	The Total Irregular Value for Double Layered Neighbourly Irregular Fuzzy Chemical Graphs	Journal of Physics: Conferenc Series	26.07.2021	1742-6596
53.	X. Ann Lanka Jeyadharshini	English	Revenge, Retaliation and Retribution In The Collector Of Treasures By Bessie Head	Vidyabharati International Interdisciplinary Research Journal (Special Issue)	2021	2319-4979
54.	R.Padmapriya	Mathematics	Novel approach for possibility fermatean bipolar fuzzy soft sets and its application	Gedrag & Organisatie review	2021	1875-7235



55.	A.Arokiamary	Mathematics	A study on some named graphs to find the minimum spanning tree (MST) using greedy algorithm	Journal of Physics-Conference series	2021	1742-6596
56.	S. Johnson Savarimuthu	Mathematics	Hexagon Hesitant Fuzzy Multi -Attribute Decision Making Based on TOPSIS	Journal of Physics: Conference Series	26.07.2021	1742-6596
57.	Vanathi S	Social work	Emotional Abuse Faced by Adolescent Students at Cuddalore	Bengal, Past & Present Calcutta Historical Society	2021	0005-8807
58.	A.Gracy Janova	Tamil	Agananootril Ariviyal Sinthanaigal	Modern Tamizh Research	May-21	2321-984X
59.	T. Jackuline Suganthi	English	Tribulations of Expatriate Women in Maxine Hong Kingston's The Woman Warrior	International Journal of Research and Analytical Reviews (IJRAR)-An International Open Access Journal	2021	2349-5138
60.	M.A. Mary	English	Social Eco-feministic Perspective in J.G.Ballard's The Drowned World	International Journal of Research and Analytical Reviews (IJRAR)-An International Open Access Journal	2021	2348-1269
61.	M.A. Mary	English	Anthropocentrism in J.G.Ballard's The Wind From Nowhere	International Journal of All Research Education & Scientific Methods	2021	2455-6211




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62.	B.Prabakaran	English	The Incentivization of Racism in To Kill a Mockingbird by Harper Lee	International Journal of Research and Analytical Reviews	2021	2348-1269
63.	P.James Mary	Commerce	A Study on Human Resource Practices and its Impact on Workforce Gratification with reference to selected companies in Cuddalore	Journal of the Asiatic Society of Mumbai	2021	0972-0766
64.	R. Krishnakumar	Commerce	Perception Level of Consumers Towards Green FMCG Products with special reference to Chennai District	Journal of the Asiatic Society of Mumbai	2021	0972-0766
65.	S. Leema	Tamil	Ettuthogail Ariviyal Seithigal	Modern Thamizh Research	May-21	2321-984X
66.	Soussitra	Tamil	Puranaanooru Pathithu Chindra Ariviyal Thadangal	Journal Of Modern Thamizh Research	2021	2321-984X


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