



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 - 2020

Number of Papers Published: 78

Sl. No.	Name of the author/s	Department	Title of Article	Name of the Journal	Year of Publication	ISSN number
1.	R.Saranraj	Statistics	A Multi-Component Immune System In Reliability Expression	GEDRAG & ORGANISATIE REVIEW	2020	0921-5077
2.	R.Vidya	Computer Science	A Review on Effective Multi-key Data Search Over Cipher Text in Cloud Data Environment	Journal of Emerging Technology and Innovative Research(JETIR).	May-20	2349-5162
3.	M.A. Mary	English	A Scrutiny of Feminine Consciousness in Gita Hariharan's The Thousand Faces of Night	Adalya Journal	2020	1301-2746
4.	L. Jethruth Emelda Mary	Mathematics	A Study on domination	Journal of Environmental science,computer	2020	2278-179X



			parameters in triple layered fuzzy graph	science and Engineering & echnology		
5.	L. Jethruth Emelda Mary	Mathematics	A Study on fuzzy colouring in triple layered fuzzy graph	Journal of Environmental science, computer science and Engineering & Technology	2020	2278-179X
6.	L.Vijayakumar	Commerce	A Study on Investor's level of Mindfulness about Commodity Market	International Journal of Psychosocial Rehabilitation	2020	1475-7192
7.	G.Suresh	Computer Applications	An Ensemble Feature Selection Model Using Fast Convergence Ant Colony Optimization Algorithm	International Journal of Emerging Trends in Engineering Research (IJETER)	2020	2347 – 3983
8.	G.Suresh	Computer Applications	An Unified Framework Of Genetic Software Agent Based Missing Value Replacement Model,	ADALYA JOURNAL	2020	1301-2746 I
9.	S.Muthukumaran	Computer Science	Clustering With Classification Based Identification On	International Journal of Scientific &	Feb-20	2277-8616



			Diabetics Disease To Avoid Blindness In Early Stage	Technology Research(IJSTR		
10.	S. Anand Christy	Computer Applications	Enhancement in Performance of Financial Crisis Prediction using Hybridization of Machine Learning Classifiers	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Jan-20	2278-3075
11.	T.Antony Sandosh	Chemistry	Facile and Cost-Effective CTAB Templated Hydrothermal Synthesis and Characterization of MgCo ₂ O ₄ Electrode Material for Supercapacitor Application	Journal of Inorganic and Organometallic Polymers and Materials	2020	1574-1443
12.	T.Antony Sandosh, Chinnappan Adaikalaraj	Chemistry	Facile Cetyl Trimethyl Ammonium Bromide-assisted Hydrothermal Synthesis of Spinel NiCo ₂ O ₄ Nanoplates as an Electrode Material for	Journal of Materials Engineering and Performance	2020	1059-9495



			Supercapacitor Application			
13.	T.Antony Sandosh	Chemistry	Morphology controlled synthesis of one-dimensional CoMn ₂ O ₄ nanorods for high-performance supercapacitor electrode application	Chemical Papers	2020	2585-7290
14.	N. Priya	Biochemistry	Neuroprotective effect of Hesperidin on 6-OHDA induced Parkinsonism in SHSY5Y cells	Journal of Advanced Scientific Research	2020	0976-9595
15.	D.Bhaskiaraj	Chemistry	Synthesis, Antimicrobial Evaluation and Molecular Docking Studies of Tetrazole Containing Hybrid Levofloxacin Derivatives	Chemical Science & Engineering Research	2020	2582-3353
16.	R. Aruna Kirithika	Computer Applications	Brain Tumor and Intracranial Haemorrhage Feature Extraction and Classification using Conventional and	European Journal of Molecular & Clinical Medicine	2020	2515-8260



			Deep Learning Methods			
17.	R.Anitha, R. Anitha, J.John Robert	Biochemistry	Wound healing efficacy of chicken feet gelatin & Alginate composite films blends with black turmeric(Curcuma caesia Roxb)	International Journal of Life Science Research	2020	I348-3148
18.	S. Sebastian, S. Xavier, S. Sangeetha Margreat	Physics	Synthesis, spectral characterization (FT-IR, FT-Raman and NMR) and Quantum computational analysis of (E)-1-(4-Bromophenyl)-3-(5-bromothiophen-2-yl) prop-2-en-1-one	Chemical data collection	2020	2405-8300
19.	K. Elayakumar, V. Sathana	Physics	Structural and magnetic characterization of rare earth element cerium doped nickel ferrite nanoparticles by sol-gel method with antibacterial activity	Journal of superconductivity and Novel magnetism	2020	1557-1947



20.	S. Sangeetha Margreat, S. Sebastian, S. Xavier, S. Joseph Christian Daniel, M. Maria Julie	Physics, Microbiology	DFT, spectroscopic, DSC/TGA, electronic, biological and molecular docking investigation of 2,5-thiophenedicarboxylic acid: A promising anticancer agent	Journal of Molecular Structure	2020	0022-2860
21.	A. Isabella Amali	Computer Applications	Particle Swarm Optimization With Kernel Support Vector Machine For Churn Prediction In Telecommunication Industry	International Journal of Scientific & Technology Research	2020	2277-8616
22.	M.Monika, Aruldoss Alex	Bank Management, Business Administration (CA)	Control Over Stress in the Workplace with Special Reference to Employees of Print Media	High Technology Letters	2020	1006-6748
23.	A. Savitha Mary	Mathematics	Neutrosophic Semi Volterra spaces	Malaya Journal of Matematik	2020	2319 - 3786
24.	M.Sathish	Physics	Modern learning of materials science and fundamental physics through the implementation of new communication skill-based (CSB)	International Journal of Advanced Education and Research	2020	2455-5746



			teaching and learning process during Covid-19 lockdown - A booster of research-based teaching and learning education			
25.	C.Swaminathan	Microbiology	Phytochemical Analysis, Antibacterial Activity and Antioxidant Activity of Leaf Extracts of <i>Merremia emarginata</i> (Burm.F)	International Journal of Pharmaceutical Sciences and Research	2020	0975-8232
26.	Mercy Anthony	Statistics	Length biased OM distribution with properties and Applications to Survival Times	High Technology Letters	2020	1006-6748
27.	Mercy Anthony	Statistics	Length Biased Quasi Aradhana Distribution and its Applications to Survival Data	Journal of Xidian University	2020	1001-2400
28.	Mercy Anthony	Statistics	New Generalization of Quasi Aradhana Distribution and its Applications to Survival Times Data	Strad Research	2020	0039-2049
29.	Mercy Anthony	Statistics	Weighted OM distribution with	High Technology Letters	2020	1006-6748



			properties and Applications to Survival Times			
30.	A.Lourdu Caroline	Computer Applications	Prediction of Respiratory Syndromes through generation of Fuzzy rulesets applied with Machine Learning Classifiers.	High Technology Letters journal	2020	1006-6748
31.	M.Arumai Selvam	Computer Science	A Outline Of Suspicious And Violent Activity Detection Of Humans	Journal of Emerging Technologies and Innovative Research	2020	2349-5162
32.	T.Miranda Lakshmi	Computer Science	A Study on Predictive Analysis of Counterfeit Profiles in Twitter using Fake Twitter Numerical Predictive Analytical (FTNPA) Framework	High Technology Letters	2020	1006-6748
33.	Z.John Bernard	Computer Applications	IOT With Cloud Based Distributed Healthcare System For Disease Diagnosis Using Optimized Support Vector Machine	Journal of Critical Reviews	2020	2394-5125



34.	Z.John Bernard	Computer Applications	An Ensemble of IoT with Cloud Enabled Distributed Disease Diagnosis System using Optimal Kernel Extreme Learning Machine Model	International Journal of Emerging Trends in Engineering Research	2020	2347-3983
35.	A. Isabella Amali	Computer Applications	Misclassified Reduced Instance and Stochastic Gradient Descent with Logistic Regression Model for Customer Churn Prediction	International journal of Innovative Technology and Exploring Engineering	2020	2278-3075
36.	L.Vijayakumar	Commerce	Segments Associated with the Discernment of Risk and Information of Contracting the 2019-nCoV in India	Journal of Pharmaceutical Research International	2020	2456-9119
37.	R.Padmapriya	Mathematics	Algebraic operations of T-fuzzy ideals in ternar r -semiring	Journal of Xi'an University of Architecture & Technology	2020	1006-7930
38.	M.Arumai Selvam	Computer Science	Face Recognition Technologies – A Review	Journal of Emerging Technologies and Innovative Research	2020	2349-5162



39.	R.Vidya	Computer Science	Implementation of Internet of Things-Based Sentiment Analysis for Farming System	Journal of Computational and Theoretical Nano science	2020	1546-1963
40.	C.Christy	Computer Science	An Outline of Sentiment Analysis from Social Media	Journal of Emerging Technologies and Innovative Research	2020	2349-5162
41.	R.Saranraj	Statistics	Detecting Outliers using R Package in Fitting Data with Linear and Nonlinear Regression Model	International Journal of Scientific and Innovative Mathematical Research(IJSIMR)	2020	2347-3142
42.	T.Miranda Lakshmi	Computer Science	Bogus Rumors Discovery On Online Public Media – A Review	Journal of Emerging Technologies and Innovative Research (JETIR)	2020	2349-5162
43.	S. Baranidharan, A.Alex	Bank Management, Business Administration(CA)	Volatility Spillover of Exchange Rate on Stock Market Evidence from South Africa	Asian Journal of Economics, Finance and Management	2020	NIL
44.	R.Aruna Kirithika	Computer Applications	An Automated Classification of Intracranial Haemorrhage using	International Journal of Future Generation	2020	2233-7857



			Deep Convolution Neural Network Model	Communication and Networking		
45.	Alex Aruldoss	Bank Management, Business Administration (CA)	The relationship between quality of work life and work-life-balance mediating role of job stress, job satisfaction and job commitment: evidence from India	Journal of Advances in Management Research	2020	0972-7981
46.	I. Savarimuthu	Commerce	Make in India: Sustainable Employment Opportunities in Manufacturing Sector, Tamilnadu	Sambodhi	2020	2249-6661
47.	I. Savarimuthu	Commerce	Women Empowerment Through Self Help Groups In Pudhucherry	SHODH SARITA	2020	2348-2397
48.	S.Umamagewari	English	Traumas of Women in their Relationships in the Selected Novels of Nayantara Sahgal	Eduindex Journals	March, 2020	0970-7301
49.	J. Durai Raj	Social Work	Mental Health Status of Flood Affected	Aegaeum Journal	May-20	0776-3808



			Adults in Cuddalore Slum			
50.	J.Robert Adaikalaraj	Computer Applications	Hybridization Of Metaheuristic Algorithms For Load Scheduling In Cloud Computing Environment	Journal of Critical Reviews	2020	2394-5125
51.	K.Balamurugan, R. Sembiyan	Psychology	Common Psychiatric Disorders in rural People Epidemiological Study at Villupuram District	International Journal of Research Culture Society	2020	2456-6683
52.	R. Sembiyan, S. Baranidharan, K.Balamurugan,	Psychology	The Effect and Degree of Job Satisfaction on Employee Performance In Larson Toyota Car Service Company PVT Ltd Pondicherry	High Technology Letters	2020	1006-6748
53.	R.Saranraj	Statistics	Prediction of Time to Terminate Enrolment for Recruitment in Human Resources	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	2020	2581-9429



54.	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 of Cell Biology	2020	1583-6258
55.	S. Anand Christy	Computer Applications	Machine Learning based Kernel Extreme Learning Machine Model for Medical Data Classification	High Technology Letters	2020	1006-6748
56.	R.Roseline	Computer Applications	Parallel And Load Balancing Approach For Mining Frequent Pattern On Uncertain Graphs Using Spark Framework	Journal of Critical Reviews	2020	2394-5125
57.	P.James Mary	Commerce	GST and Its Appeal on MSME	Our Heritage Journal	2020	0474-9030
58.	F. Paul Arokia Doss	Chemistry	Theoretical studies of group 10 metal gallylene complexes [TM(CO) ₃ (GaX)]	Computational and Theoretical Chemistry	2020	2210-271X
59.	T.Miranda Lakshmi	Computer Science	A Study and Experimentation of Identification of Spammers in Twitter using Essential User	High Technology Letters	2020	1006-6748



			and Content Attributes			
60.	Dr.R.Sudaroli	History	Remembering the Cultural Heritage of Tamilnadu Through Monuments	Modern Tamil Research	2020	2321-984X
61.	J. Durai Raj	Social Work	Effects on Flood on the mental health of the residents at Thirupapuliur in Cuddalore District	Mukt Shabd	Apr-20	2347-3150
62.	J. Durai Raj, R. Vishali, S. Vanathi, M. Perkish Salomina	Social Work	Assessment of Job Satisfaction Among Fishers at Cuddalore Port, Fishing Harbour, Cuddalore	High Technology Letter	May-20	1006 – 6748
63.	L. Jethruth Emelda Mary	Mathematics	Quadtruple layered fuzzy graph	International Journal of Research and Analytical Reviews	2020	2349-5138 ,
64.	A.Gracy Janova	Tamil	Agananooru Natrinai Nadu Naatu Mannargal	Shanlax International Journals	Mar-20	2321-788x
65.	F.Christy Belina	Tamil	Medical Thoughts in ethical literature	International journal of Tamil language and literary studies	2020	2581-7140



66.	A.Madeline	Tamil	Pudukavithaikalil Penniya kattudaippu	International Journal of Tamil Language and Literary Studies	Feb-20	2581-7140
67.	F.Christy Belina	Tamil	Sanga ilakkiyangalil vanigam	Shanlax International journal of Arts and science	2020	2321 788X
68.	F.Christy Belina	Tamil	Viviliyathil eru pengalin kattamaippum kattudaippum	International journal of Tamil language and literary studies	2020	2581 7140
69.	A.Gracy Janova	Tamil	Sangam Maruviya Kaala Ilakkiyangalil Maruthuvam	'Vetrimunai'- Corona Perunthotru Kala Sirapithazh, (Vistas)	2020	2394-2428
70.	A.Madeline	Tamil	Traumas of Women in their Relationship in the Select Novels of Nayanthara Sahgal	Studies in Indian Place Names	2020	2394-3114
71.	J.P.Ida Joicey	English	A Study Of Marginalisation Women In Bama's Karukku	Problems And Perspectives in Management	Feb, 2020	1727-7051
72.	A. Lenin	English	Cultural Identity through Death :A Study on James Welch's <i>The Death of Jim Loney</i>	Roots International Journal Of Multidisciplinary Researches	May,2020	2349-8684



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73.	P.Indhu Sakthi	English	Quests of Self - Discovery in Margaret Laurence's The Stone Angel	Our Heritage	Feb-20	0474-9030
74.	J.P.Ida Joicey	English	The Harlem Literature Mirrors The New Negro	Jxat Journal	May,2020	1006 - 7930
75.	M.A. Mary	English	Women Enchained by Traditional Values in Gita Hariharan's The Ghost of Vasu Master	Journal of Xi'an University of Architecture and Technology,	2020	1006-7930
76.	S.Leema	Tamil	Thamizh Illakiyam Suttum Noyum Marunthum	Vetrimunai Korono Perunthottru Kaalac Sirapithazh	2020	2394-2428.
77.	S.Leema	Tamil	Agananoortril Mannargalin	Shanlax International Journal Of Arts, Science And Humanities	Mar-20	2321-788x
78.	P. John Thomas	Microbiology	Extended spectrum Beta Lactamase coding genes mediated resistance in Klebsiella pneumonia	BMC infectious diseases 2020 ISSHID	2020	1471-2334


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