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CRITERIA-3

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

Bibliometrics of Publications (2024-2025)

S. No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Month and Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	Applications of tunable-Q factor wavelet transform and AdaBoost classier for identification of high impedance faults: Towards the reliability of electrical distribution systems	Dr. S Ramana Kumar Joga	EEE	Energy Exploration & Exploitation	Jun-24	ISSN: 0144-5987; Online ISSN: 2048-4054.	https://journals.sagepub.com/doi/full/10.1177/01445987241260949
2	Analysis of Lithium-ion Batteries through Electrochemical Impedance Spectroscopy Modeling	Dr. S Ramana Kumar Joga	EEE	Journal of The Electrochemical Society	Jun-24	Online ISSN: 1945-7111 Print ISSN: 0013-4651	https://iopscience.iop.org/article/10.1149/1945-7111/ad561f/meta
3	Improved fault detection and classification in PV arrays using stockwell transform and data mining techniques	Dr. S Ramana Kumar Joga	EEE	Results in Engineering	Sep-24	ISSN 2590-1230	https://www.sciencedirect.com/science/article/pii/S2590123024010636
4	Time Frequency Analysis Based Fault Detection in PV Array Using Scaling Basis Chirplet Transform	Dr. S Ramana Kumar Joga	EEE	Engineering Reports	Sep-24	Online ISSN: 2577-8196	https://onlinelibrary.wiley.com/doi/full/10.1002/eng2.13016
5	Battery and Supercapacitor FED BLDC Motor for EV Applications	V Sudhakar, Dr. S Ramana Kumar Joga	EEE	IEEE Xplore	Oct-24	Electronic ISBN:979-8-3503-9532-7	https://ieeexplore.ieee.org/abstract/document/10692280
6	Wavelet Entropy Measurement Based Power Quality Disturbances Diagnosis	Ch Lakshmi Prasanna; S Ramana Kumar Joga	EEE	IEEE Xplore	Nov-24	Electronic ISBN:979-8-3503-7700-2	https://ieeexplore.ieee.org/document/10675175
7	Electric Vehicle to Grid Reactive Power Control Using CPIC Technique	Krishna Nag Arasavalli; S Ramana Kumar Joga	EEE	IEEE Xplore	Oct-24	Electronic ISBN:979-8-3503-8719-3	https://ieeexplore.ieee.org/document/10719316
8	A Graph Theory Based Optimal Placement of SFCL in Distribution System to Limit Fault Current	Dr. S Ramana Kumar Joga	EEE	IEEE Xplore	Oct-24	Electronic ISBN:979-8-3503-8719-3	https://ieeexplore.ieee.org/document/10719301
9	Analysis of Body Language and Detecting State of Mind using CNN	ASLK Gopalamma; S Ramana Kumar Joga	EEE	IEEE Xplore	Jul-24	Electronic ISBN:979-8-3503-7523-7	https://ieeexplore.ieee.org/document/10581327
10	User Experience design for IoT-Driven Smart Home Automation interfaces	K. Srinivasrao; S Ramana Kumar Joga	EEE	IEEE Xplore	Jul-24	Electronic ISBN:979-8-3503-7212-0	https://ieeexplore.ieee.org/document/10574764
11	Enhancing Power Quality in the distribution system using DSTATCOM with Hybrid Power Filters	B V Veeranjaneyulu, S Ramana Kumar Joga	EEE	IEEE Xplore	Jun-24	Electronic ISBN:979-8-3503-6404-0	https://ieeexplore.ieee.org/document/10561253
12	Smart control of Energy Management System under dynamic load variations in line with IIoT	ASLK Gopalamma; S Ramana Kumar Joga	EEE	IEEE Xplore	Jun-24	Electronic ISBN:979-8-3503-6404-0	https://ieeexplore.ieee.org/document/10561443
13	Load Flow Analysis on Various Distribution Systems to Identify Weak Bus	P Sravana Lakshmi, S Ramana Kumar Joga	EEE	IEEE Xplore	Jun-24	Electronic ISBN:979-8-3503-6404-0	https://ieeexplore.ieee.org/document/10561299
14	Analysis of SOC Estimation and Emission Reduction of Various Hybrid Electric vehicles	B V Veeranjaneyulu	EEE	IEEE Xplore	Oct-24	Electronic ISBN:979-8-3503-9532-7	https://ieeexplore.ieee.org/document/10691977
15	Dynamic Charging And Discharging Analysis of Lithium Ion Battery Using EKF Method	Jagadeesh Gorrepotu; Vijay Kumar Keshavapatnam	EEE	IEEE Xplore	Oct-24	Electronic ISBN:979-8-3503-9532-7	https://ieeexplore.ieee.org/document/10692191
16	Improvement in Quality of Power system using Custom Dynamic Voltage Restorer	Vijay Kumar Keshavapatnam, Jagadeesh Gorrepotu;	EEE	IEEE Xplore	Jul-24	Electronic ISBN:979-8-3503-8166-5	https://ieeexplore.ieee.org/document/10594511

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No	Title	Author	Dept	Journal	Date	ISSN/ISBN	Link
17	Wavelet Analysis-Singular Value Decomposition Based Method for Precise Fault Localization in Power Distribution Networks Using k-NN Classifier	Dr. S Ramana Kumar Joga	EEE	International Journal of Robotics and Control Systems	Jan-25	2775-2658	https://www.researchgate.net/profile/Mohamed-Metwally-Mahmoud/publication/388277768_Wavelet_Analysis-Singular_Value_Decomposition_Based_Method_for_Precise_Fault_Localization_in_Power_Distribution_Networks_Using_k-NN_Classifier/links/6791664a75d4ab477e56ce4d/Wavelet-Analysis-Singular-Value-Decomposition-Based-Method-for-Precise-Fault-Localization-in-Power-Distribution-Networks-Using-k-NN-Classifier.pdf
18	Hilbert spectral analysis for PQ disturbances detection in Sustainable Energy Systems	Dr. S Ramana Kumar Joga	EEE	IEEE Xplore	Mar-25	979-8-3315-2054-0	https://ieeexplore.ieee.org/document/10932521
19	Fault Detection in clean energy system using wavelet transform and machine learning techniques	Mrs. M hemalatha	EEE	IEEE Xplore	Mar-25	979-8-3315-2054-0	https://ieeexplore.ieee.org/document/10932591
20	Fault Diagnosis in Micro Grid Using Wavelet Transform in Combination with Machine Learning	Dr. S Ramana Kumar Joga	EEE	IEEE Xplore	Dec-24	979-8-3503-5437-9	https://ieeexplore.ieee.org/document/10797544
21	Wind-PV-Batty Powered Standalone Microgrid with TS-Fuzzy Controllers based Novel Control for Power Quality Improvement	ASLK Gopalamma	EEE	E3S Web of Conf. Volume 540, 2024	June 2024	2267-1242	https://www.e3s-conferences.org/articles/e3sconf/abs/2024/70/e3sconf_icpes2024_01002/e3sconf_icpes2024_01002.html
22	Solar Powered Air Filter System	Alfoni Jose K	EEE	E3S Web Conf. Volume 564, 2024	Sep-24	2267-1242	https://www.e3s-conferences.org/articles/e3sconf/abs/2024/94/e3sconf_icpgres2024_05004/e3sconf_icpgres2024_05004.html
23	Data Rate Enhancement of FSO link using Quartet Double MIMO technique for 5G Networks	Ramana Babu Challapalli	ECE	IEEE Xplore	Mar-25	979-8-3315-2820-1	https://ieeexplore.ieee.org/document/10931934
24	Enhancing FSO Link Data Rates: Integrating Gamma-Gamma Modeling and WDM-MIMO Techniques	Ramana Babu Challapalli	ECE	IEEE Xplore	Mar-25	979-8-3315-2820-1	https://ieeexplore.ieee.org/document/10931934
25	Enhancing Security in IoT Networks Through RDAD for Attack Detection in RPL-Enabled Environments	B. Anjanee Kumar	ECE	Springer Nature	Sep-24	2661-8907	https://link.springer.com/article/10.1007/s42979-024-03200-w
26	Ensemble Based MRI Analysis for Early Detection of Alzheimer's Disease	Sampenga Veeraju	ECE	IEEE Xplore	Mar-25	979-8-3315-2820-1	https://ieeexplore.ieee.org/document/10932127
27	Handwriting Dynamic Assessment using Deep Neural Network Multi Layer Perceptron for Parkinsons Disease Classification*	Nalineekumari Arasavali	ECE	IEEE Xplore	Mar-25	979-8-3315-2820-1	https://ieeexplore.ieee.org/abstract/document/10932041
28	Performance Analysis of Computational Intelligence Correction	Nalineekumari Arasavali	ECE	Springer Nature	Jul-24	1572-834X	https://link.springer.com/article/10.1007/s11277-024-11399-3
29	Reinforcement Learning for Multi-Robot Coordination and Cooperation in Manufacturing	B. Anjanee Kumar	ECE	IEEE Xplore	Feb-25	979-8-3503-8247-1	https://ieeexplore.ieee.org/document/10434651
30	Sign Language Prediction Using Eight-Layered CNN for Deaf and Dumb	Nalineekumari Arasavali	ECE	IEEE Xplore	Jul-25	979-8-3503-7180-2	https://ieeexplore.ieee.org/document/10593826
31	Smart Irrigation through Intelligent Communication and Networking: Design and Implementation	B. Anjanee Kumar	ECE	SSRN	Jan-25	2352-5398	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5076187
32	Strategies for Carbon Footprint Reduction in Advancing Sustainability in Manufacturing	B. Anjanee Kumar	ECE	IGI Global	Jan-25	1552-6283	https://www.igi-global.com/chapter/strategies-for-carbon-footprint-reduction-in-advancing-sustainability-in-manufacturing/354540
33	Using Convolutional Neural Networks for Image Recognition in IoT Applications	Sampenga Veeraju	ECE	IEEE Xplore	Apr-25	979-8-3315-0868-5	https://ieeexplore.ieee.org/document/10941512
34	Virtual Health Assistance Using Medical ComputerVision	Nalineekumari Arasavali	ECE	Springer Nature	Feb-25	2367-3389	https://link.springer.com/chapter/10.1007/978-981-97-8329-8_2

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No	Title	Author	Dept	Journal	Date	ISSN/ISBN	Link
35	Cloud based cognitive disaster response supply chain framework for effective relief operations management using fog and context-aware IOT	Mortha Sharmila	CSE	AIP Conference Proceesings	Nov-24	1551-7616	https://pubs.aip.org/aip/acp/article-abstract/3246/1/020003/3319228/Cloud-based-cognitive-disaster-response-supply?redirectedFrom=fulltext
36	Comparative Performance Analysis of Fine Tuned Optimized Deep Transfer Learning Techniques for Fruit Quality Assessment	Mortha Sharmila	CSE	IEEE Xplore	Jul-05	979-8-3503-1341-3	https://ieeexplore.ieee.org/document/10393490
37	Electric Automobile by BLDC motor with Dynamo Charging	V.V.Prasanna Kumar	CIVIL	NCRAIMLECE 2025	Mar-25	NA	NA
38	Smart Hiring: Leveraging AI to Enhance Recruitment Efficiency and Candidate Experience	Y Babi, A Kiran Kumar	MBA	The Journal of Computational Science and Engineering.	Oct-24	2583-9055	https://journals.indexcopernicus.com/search/details?id=128619
39	Cultural Competance in Global Teams	Divya M, Usha Rani	MBA	Staps Jounral	Mar-25	1782-1568	https://www.stapsjournal.com
40	Technology in HR Practices "Impact of Technology on human resource management	N Usha Rani	MBA	Staps Jounral	Mar-25	1782-1568	https://www.stapsjournal.com
41	Feature Selection and Optimization for Cardiovascular Disease Prediction	P. Pavithra	BS&H	River Publishers	Mar-25	2445-4842	https://www.riverpublishers.com/
42	Advanced Denoising Techniques for Enhanced Medical Imaging	K Soma Sekhar	BS&H	River Publishers	Mar-25	2445-4842	https://www.riverpublishers.com/
43	AI Enhanced Road Lane Detection System using Computer Vision Technique	P Mounika, R Swapna, S Syamkumar	CSM/CSD	The Journal of Computational Science and Engineering	Apr-25	2583-9055	https://jcse.cloud/JCSE/
44	Multilayered classification of plant disease using AI approach	C Usha	CSM/CSD	Springer Nature	Jul-24	2352-538X	https://www.atlantis-press.com/proceedings/icciet-24/126002011

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