Number of research papers in the Journals notified on UGC CARE list during the last five years

Year	2018-19	2019-20	2020-21	2021-22	2022-23
Number	6	3	1	6	4

Title of paper	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
					Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list
Study the effect of dip in reaction temperature on thermal and electrical properties of ZnO nanoparticles	BMED	Advanced Powder Technology	2018	0921-8831	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/abs/pii/S0921883118302048	Yes
Pyrolysis of biomass for efficient extraction of biofuel	BMED	Energy source ,Part A: recovery ,Utilization and environmental effects	2018	1556-7036	https://www.tandfonline.com	https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1604875	Yes
Apoptosis and Inhibition of Human Epithelial Cancer Cells by ZnO Nanoparticles synthesized using Plant Extra	BMED	Advances in Nano Research	2019	2287-2388	http://www.techno-press.org/	https://d1wqtxts1xzle7.cloudfront.net/79454018/anr0704002-libre.pdf?1643003114=	
Enhancement of Room Temperature Ferromagnetic Behavior of Co-doped ZnO Nanoparticles synthesized via Sol-gel Technique	BMED	Journal of Sol-Gel Science and Technology	2019	1573-4846	https://link.springer.com	https://link.springer.com/article/10.1007/s10971-019-05004-4	
Structural and Optical Studies of Cobalt-doped ZnO Nanoparticles	BMED	Materials Science-Poland	2019	2083-1331			
Structural and Optical Studies of TiO2:Ag2O Nanocomposite by Sol-Gel Method	BMED	Materials Science-Poland	2019	2083-1331	https://sciendo.com/article/10.2478/msp-2020-0036	https://sciendo.com/article/10.2478/msp-2020-0036	
Study the effect of dip in reaction temperature on thermal and electrical properties of ZnO nanoparticles	BMED	Advanced Powder Technology	2018	0921-8831	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/abs/pii/S0921883118302048	
Pyrolysis of biomass for efficient extraction of biofuel	BMED	Energy source ,Part A: recovery ,Utilization and environmental effects	2018	1556-7036	https://www.tandfonline.com	https://www.tandfonline.com/doi/abs/10.1080/15567036.2019.1604875?journalCode=ueso20#:~:text=and%20Thavornun%202008).-,Fast%20pyrolysis,product%20according%20to%20biomass%20used.	Yes
Proposed WiMAX Hybrid Scheduler with Split FTP Traffic and its Performance Evaluation	BMED	I.J. Wireless and Microwave Technologies, 2018	2018		http://www.mecs-press.net	https://www.mecs-press.org/ijwmt/ijwmt-v8-n6/IJWMT-V8-N6-1.pdf	
Efficient initialisation of distance-regularised level set without re-initialisation scheme and quantitative evaluation of IMT in B mode ultrasound common carotid artery images"	BMED	Taylor & Francis journal on Computer Methods in Biomechanics and Biomedical Engineering	2018			https://doi.org/10.1080/21681163.2018.1490206	Yes
Apoptosis and Inhibition of Human Epithelial Cancer Cells by ZnO Nanoparticles synthesized using Plant Extra	BMED	Advances in Nano Research	2019	2287-2388	https://scholar.google.co.in	https://scholar.google.co.in/scholar?q=Apoptosis+and+Inhibition+of+Human+Epithelial+Cancer+Cells+by+ZnO+Nanoparticles+synthesized+using+Plant+Extra&hl=en&as_sdt=0&as_vis=1&oi=scholart	

Enhancement of Room Temperature Ferromagnetic Behavior of Co-doped ZnO Nanoparticles synthesized via Sol-gel Technique	BMED	Journal of Sol-Gel Science and Technology	2019	1573-4846	Enhancement of room temperature ferromagnetic behavior of Co-doped ZnO nanoparticles synthesized via sol–gel technique | SpringerLink	Enhancement of room temperature ferromagnetic behavior of Co-doped ZnO nanoparticles synthesized via sol–gel technique | SpringerLink	
QoS in WiMAX hybrid schedulers for heterogeneous traffic and their performance comparison"	BMED	International Journal of Electronics, Taylor & Francis	2019		https://www.tandfonline.com/	https://www.tandfonline.com/doi/full/10.1080/00207217.2019.1672213	
Prediction of instantaneous heart rate using adaptive algorithms"	BMED	Int. J. Adaptive and Innovative Systems,	2019				
Agranulocyte & neutrophil nucleus enhancement through 510 nm wavelength of light	BMED	Indian journal of clinical and experimental opthamology	2020		https://www.researchgate.net/publication/342203549_Agranulocyte_neutrophil_nucleus_enhancement_through_510nm_wavelength_of_light	https://www.researchgate.net/publication/342203549_Agranulocyte_neutrophil_nucleus_enhancement_through_510nm_wavelength_of_light	
Variable Structure Control for Stabilizing a Fourth order System	BMED	International Journal of Engineering Research and Applications,IJERA	2020	2248-9622	http://www.ijera.com/	Vol. 10, Issue 7, (Series-IV) July 2020, pp. 40-46,https://www.ijera.com/pages/current_issue.html	Yes
CT image reconstruction from sparse projections using adaptive total generalized variation with soft thresholding",	BMED	", International Journal Biomedical Engineering and Technology	2021		https://www.inderscienceonline.com/doi/abs/10.1504/IJBET.2021.115942	https://www.inderscienceonline.com/doi/abs/10.1504/IJBET.2021.115942	
Double U-net: a Deep convolution neural network for tonge body segmentation for disease diagnosis	BMED	Proceedings of International Conference on Communication and Computational Technologies	2022	2524-7573	https://link.springer.com/book/10.1007/978-981-19-3951-8	https://link.springer.com/chapter/10.1007/978-981-19-3951-8_23	Web of Science
Tongue Segmentation for Disease Diagnosis a Precise and Fast method using Double U-Net Architecture	BMED	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022	2321-9653;	https://www.ijraset.com	https://doi.org/10.22214/ijraset.2022.41990	
Comparison of Plantar Pressure in Patient with Hallux Valgus and Healthy Control and Effect of Demographic Characteristic on it: A Pixel Based Approach	BMED	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022	2321-9653;	https://www.ijraset.com		
Challenges and Solutions in Automated Tongue Diagnosis Techniques: A Review	BMED	Critical ReviewsTM in Biomedical Engineering	2022	0278-940X/22	https://www.begellhouse.com		ESCI
Anaemia Detection Using Smartphone Images	BMED	Proceedings of ICBBE 2022, November 10–13, 2022, Kyoto, Japan, ACM Digital Libraray	2022	ACM ISBN 978-1-4503-9722-3/22/11	https://dl.acm.org/	https://doi.org/10.1145/3574198.3574239	ACM Digital Library
Feature extraction with capsule network for the COVID-19 disease prediction though X-ray images	BMED	ELSEVIER	2022	3556-3560	https://reader.elsevier.com/reader/sd/pii/S2214785321075337?token=8992674E302DCDF9398BDAC9980C28786361F679D0BE82A6D7C19B5CC2409483AAE5599A0D874BED9E2759BF90D782D7&originRegion=eu-west-1&originCreation=20230421062649	https://doi.org/10.1016/j.matpr.2021.11.512	Science Direct

A Face Mask Identification System based on the Internet of Things and Machine Learning for Detecting Covid-19	BMED	Neuro Quantology	2022	eISSN1303-5150	http://www.neuroquantology.com/	https://www.neuroquantology.com/article.php?id=11322	
Effect of despeckling filters on the segmentation of ultrasound common carotid artery images	BMED	Biomedical journal	2022		https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/pii/S2319417021000895	
Design of Protection Circuit for Biomedical Signals Using 180 nm Technology	BMED	Springer	2022		https://link.springer.com/chapter/10.1007/978-981-19-1906-0_15	https://link.springer.com/chapter/10.1007/978-981-19-1906-0_15	
Determination of ENOB, SINAD and Precision in DNL of an ADC Using Histogram Test Technique	BMED	International Journal of Innovations into Engineering and Technology (IJIET)	2022	1. 2582-6837			