Number of research papers published per teacher in the Journals notified on UGC website during the year Calendar Year is 2020 Listed below

Sl.No	Title of the Paper	Author	Name of the Journal	Link
1.	Analysis on diagnosing diabetic retinopathy by segmenting blood vessels, optic disc and retinal abnormalities	Jadhav, A.S., Patil, P.B., Biradar, S.	Journal of Medical Engineering and Technology,	
2.	GIS-based assessment of Hydrochemical characteristics of groundwater in a DOAB of Krishna basin, Karnataka	Tanksali, A., Soraganvi, V.S.	Indian Journal of Environmental Protection,	
3.	Behavior of geopolymer concrete under cyclic loading	Aslam Hutagia,, R.B. Khadiranaikar Aijaz Ahmad Zende	Construction and Building Materials	
4.	Solar Photocatalytic Degradation of Organic Contaminants in Landfill Leachate Using TiO2 Nanoparticles by RSM and ANN	Naveen N. Desai, Veena S. Soraganvi and Vijay Kumar Madabhavi	Nature Environment and Pollution Technology	
5.	Solar Photocatalytic Degradation of Lead in Aqueous Solution using TiO2 Nanoparticles: Process optimization by response surface methodology	Naveen N. Desai and Veena S. Soraganvi	Indian Journal of Environmental Protection	VIEW
6.	Computer-aided diabetic retinopathy diagnostic model using optimal thresholding merged with neural network",	Jadhav, A.S., Patil, P.B., Biradar, S.	International Journal of Intelligent Computing and Cybernetics,	
7.	Automatic Segmentation and Analysis of Renal Calculi in Medical Ultrasound Images	Akkasaligar, P.T., Biradar, S	Pattern Recognition and Image Analysis,	
8.	Selective medical image encryption using DNA cryptography	Akkasaligar, P.T., Biradar, S	Information Security Journal,	
9.	Technostress Assessment among the faculty	Dr.Veerendrakumar M Narasalagi Shreedevi Shintri	Punjab Institute of Management & Technology(PIMT)	
10.	Language-based document image retrieval for Trilingual System	Dixit, U.D., Shirdhonkar, M.S.	International Journal of Information Technology (Singapore)	
11.	Bird Swarm optimization-	Nandyal, S.,	Scalable Computing,	

	based stacked autoencoder deep learning for umpire detection and classification	Kattimani, Suvarna.L	
12.	Voice-Disorder Identification of Laryngeal Cancer Patients	G. B. Gour, Dr. V. Udayashankara, Dinesh K. Badakh and Yogesh A Kulkarni	International Journal of Advanced Computer Science and Applications(IJACSA)
13.	Selective medical image encryption using DNA cryptography	Sumangala Biradar	Information Security Journal: A Global Perspective Volume 29, 2020-Issue 2
14.	Mathematical modeling of convective heat and mass transmission of a rotating nano-fluid bounded by stretching and stationary walls in a vertical conduit,	M. Y. Dhange,	International Journal of Applied Mechanics and Engineering
15.	Frequency dependence of AC conducivity and dielectric properties evaluation of in-situ prepared polyaniline/manganese dioxide composite	Y A Kulkarni	Journal of material science
16.	Enhancement of harvesting capability of coupled nonlinear energy harvesters through high energy orbits	Malaji, P. V., et al.	AIP Advances 10.8 (2020)
17.	The 3D Emotion Recognition Using SVM and HoG Features	Savakar, D.G., Hosur, R.	International Journal of Image and Graphics,
18.	Improved region growing segmentation for breast cancer detection: progression of optimized fuzzy classifier	Patil, R.S., Biradar, N.	International Journal of Intelligent Computing and Cybernetics, (2020)
19.	An Intelligent Irrigation Scheduling and Monitoring System for Precision Agriculture Application	M Math, RajinderKumar, N. V. Dharwadkar	International Journal of Agricultural and Environmental Information Systems (IJAEIS)
20.	IOT based smart patient record Maintainance System	B.P.Savukar. MaheshgoudaPatil	IJSART,
21.	Effect of porosity on the Rippling motionof Herschel- Bulkley fluid in a non uniform tube	G. C. Sankad, R. S. Metri, A. B. Patil,	The International Journal of Engineering and Science

22.	Unsteady flow of Rabinowitsch fluid peristaltic transport in a non-uniform channel with temperature dependent properties	A. B. Patil, P. S. Nagathan,	Alexandria Engineering Journal	
23.	Novel layered structured bentonite clay-based electrodes for electrochemical sensor applications	Pramod R Vernekar, Nagaraj P Shetti, Mahesh M Shanbhag, Shweta J Malode, Ramesh S Malladi, Kakarla Raghava Reddy	Microchemical Journal	
24.	Effect of titanium dioxide and gadolinium dopants on photocatalytic behavior for acriflavine dye	Umarfarooq R Bagwan, Irfan N Shaikh, Ramesh S Malladi, Abdulazizkhan L Harihar, Shirajahammad M Hunagund	Journal of Rare Earths	
25.	Novel ruthenium doped TiO2/reduced graphene oxide hybrid as highly selective sensor for the determination of ambroxol	Shikandar D Bukkitgar, Nagaraj P Shetti, Ramesh S Malladi, Kakarla Raghava Reddy, Shankara S Kalanur, Tejraj M Aminabhavi	Journal of Molecular Liquids	
26.	Corrosion inhibitive capacity of vanillin based schiff base for steel in 1M HCl	Malladi R S	journal of failure analysis and prevention	
27.	Experimental studies on the effect of shunted electrical loads on the performance of a vibration-based electromagnetic energy harvester	Patil, Vijay B., and Mahadev Sakri	FME Transactions 49.1 (2021)	
28.	Optimization of the tribological property of carbon fiber reinforced nanofiller filled polymer composites using Taguchi method	S V Hiremath, C R Hiremath, R G Tikotakar	proceeding	
29.	Assessment of impacts of land use/land cover changes upstream of a dam in a semi-arid watershed using QSWAT	Anuradha Tankasali, Veena S. Soragavi	Modeling Earth Systems and Environment	
30.	Optimal feature selection-	Ambaji S Jadhav,	Evolutionary intelligence	

	based diabetic retinopathy detection using improved rider optimization agoritham enabled with deep learning	Pushpa B. Patil, Sunil Biradar		
31.	A survey on disease identification of plants and crops using image processing	Daneshwari A Noola	Kala Sarovar	