VIT-AP UNIVERSITY

Office of the Academic Research
The publications in the years 2027

SNO	Authors	Title	Source title	School	Month	Authors	Emp ID	Cited by	Document Type
1	Raja B.; Karuppanan S.	Multifunctional AB2O4 spinel ferrites: Advances in doping and antimicrobial mechanisms	Materials Research Bulletin	SAS	March	K Senthil	70400	0	Review
2	Mulani N.; Deepthi Krishna Yadav K.; Kavati I.; Kotte S.; Y.V. P.K.; Mallipeddi R.	Hybrid learning for detection of audio deepfakes and manipulation attacks	Journal of Information Security and Applications	SENSE	January	Pavan Kumar Y V	70049	0	Article
3	Jiménez J.A.; Sekhar A.V.; Kostrzewa M.; Ingram A.; Purnachand N.; Kumar V.R.; Monikandan R.; Veeraiah N.	Dielectric relaxation and charge transport mechanisms in LiCoO2-incorporated P2O5 glasses	Materials Science and Engineering: B	SENSE	January	Purnachand Nalluri	70027	0	Article
4	Suman N.; Karuppanan S.	Multifunctional Ce-TiO2 nanoparticles for photocatalytic textile wastewater dye remediation with safe agricultural reuse and antibacterial activity	Materials Research Bulletin	SAS	January	K Senthil	70400	1	Article

5	Parimala N.; Muneeswari G.	An automatic segmentation and classification of multi-class brain hemorrhages in CT scans using integrated deep learning approach	Biomedical Signal Processing and Control	SCOPE	January	G.Muneeswari	70307	0	Article
6	Misra N.K.; Pathak N.; Ahmadpour S.-S.; Noorallahzadeh M.	A quantum arithmetic logic unit design flow in IBM Qiskit with Clifford+T mapping for emerging VLSI systems	Integration	SENSE	January	Neeraj Kumar Misra	70442	0	Article
7	Nageena P.; Sudagar J.	Taguchi approach for optimizing the composition of Ni–Co–P alloy via electroless deposition for enhanced of micro-hardness and corrosion resistance	Materials Research Bulletin	SAS	February	Sudagar J	70033	0	Article
8	Mondal R.A.; Murthy V.R.K.	Reactive spark plasma sintering of segregation-prone Ni–Cu–Zn ferrite: Dielectric and magnetic properties	Solid State Communications	SAS	January	Murty V R K	70048	0	Article
9	Vishwakarma P.; Kumar R.; Shah P.	Autonomous systems and the dynamics of (Formula presented.) gravity: Stability and cosmic acceleration	International Journal of Geometric Methods in Modern Physics	SAS	January	Davala Ravi Kumar	70357	0	Article
10	Bitra V.S.; Sarkar R.	Amino acid-directed zinc(II)-terpyridine metal-organic gels as anion-responsive luminescent soft materials	Inorganica Chimica Acta	SAS	January	Rajarshi Sarkar	70453	0	Article

11	G. V.; Nanda U.	Defect-regulated carrier dynamics in BaZrS3-AgBiS2 dual-absorber nanostructured quantum dot solar cells for advanced lead-free photovoltaics	Micro and Nanostructures	SENSE	January	Umakanta Nanda	70055	0	Article
12	Singh D.; Shalini	Mond-Weir and Wolfe duality for higher-order semi-infinite variational problems using Caputo-Fabrizio fractional derivatives	Journal of Computational and Applied Mathematics	SAS	March	Shalini	70118	0	Article
13	Sagar J.V.; Sucharitha M.	A review of image enhancement techniques for improved detection of spinal lesions in medical imaging	Computers and Electrical Engineering	SENSE	January	Sucharitha M	70435	0	Review
14	Venkateswarlu B.; Sharma A.; Mahanta T.K.; Kolenčík M.; Buradagunta R.S.	Grain refinement and subsequent heat treatment of AZ31 magnesium alloy for degradable implant applications: Studies on mechanical properties and in vitro degradation behavior	Materials Research Bulletin	SMEC	January	Mahanta, Tapan Kumar		1	Article
15	Amesh P.; Vighnai K.S.; Prasad A.A.; Gangadhar P.	A dinuclear Zn(II) complex with mixed terephthalate and triazolyl-pyridyl ligands: Synthesis, crystal structure, and electronic properties	Journal of Molecular Structure	SAS	February	Gangadhar Pamarthi	70803	1	Article
16	Vimaljith A.R.; Nallamuthu S.	Investigation of magnetic and thermodynamic properties of orthorhombic fluorite-related Gd2BiSbO7	Physica B: Condensed Matter	SAS	January	Nallamuthu S	70140	0	Article

17	Harikiran J.; kishan S.R.; Channapragada R.S.R.; Raju Y.; Kumar G.S.C.	YOLOv10-PDTFN: An integrated ROI segmentation and transformer fusion framework for osteoporosis classification in knee radiographs	Computational Biology and Chemistry	SCOPE	February	Jonnadula Harikiran	70110	0	Article