

Amit Kumar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

188
citations

7
h-index

13
g-index

24
ext. papers

233
ext. citations

2.4
avg, IF

3.04
L-index

#	Paper	IF	Citations
24	Performance evaluation of Al ₂ O ₃ nano powder mixed dielectric for electric discharge machining of Inconel 825. <i>Materials and Manufacturing Processes</i> , 2018 , 33, 986-995	4.1	58
23	Evidence Based Antibacterial Potentials of Medicinal Plants and Herbs Countering Bacterial Pathogens Especially in the Era of Emerging Drug Resistance: An Integrated Update. <i>International Journal of Pharmacology</i> , 2013 , 10, 1-43	0.7	32
22	Leptospirosis-persistence of a dilemma: an overview with particular emphasis on trends and recent advances in vaccines and vaccination strategies. <i>Pakistan Journal of Biological Sciences</i> , 2012 , 15, 954-63	0.8	18
21	Molecular structure (monomeric and dimeric) and hydrogen bonds in 5-benzyl 2-thiohydantoin studied by FT-IR and FT-Raman spectroscopy and DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 132, 15-26	4.4	15
20	Development of Ligand and Structure-based classification models to design novel inhibitors against antibiotic hydrolyzing enzymes: Integration of web server. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018 , 36, 2966-2975	3.6	8
19	Comparative Study of Powder Mixed EDM and Conventional EDM Using Response Surface Methodology. <i>Materials Today: Proceedings</i> , 2018 , 5, 18089-18094	1.4	8
18	Electrical resistivity cross-section across northern part of Saurashtra region: An insight to crystallized magma and fluids. <i>Tectonophysics</i> , 2018 , 744, 205-214	3.1	7
17	Conformational stability, spectroscopic signatures and biological interactions of proton pump inhibitor drug lansoprazole based on structural motifs. <i>RSC Advances</i> , 2017 , 7, 41573-41584	3.7	6
16	Seroprevalence of infectious bovine rhinotracheitis in dairy animals with reproductive disorders in Uttar Pradesh, India. <i>Pakistan Journal of Biological Sciences</i> , 2014 , 17, 720-4	0.8	6
15	Occurrence of extended spectrum beta-lactamases producing alpha hemolytic Escherichia coli in neonatal diarrhea. <i>Pakistan Journal of Biological Sciences</i> , 2014 , 17, 109-13	0.8	6
14	Study of Machining of Inconel 825 Super Alloy Using Powder Mixed EDM Process. <i>Materials Today: Proceedings</i> , 2018 , 5, 18129-18134	1.4	6
13	Implications for the lithospheric structure of Cambay rift zone, western India: Inferences from a magnetotelluric study. <i>Geoscience Frontiers</i> , 2020 , 11, 1743-1754	6	5
12	Computational modelling and protein-ligand interaction studies of SMLipA lipase cloned from forest metagenome. <i>Journal of Molecular Graphics and Modelling</i> , 2016 , 70, 212-225	2.8	5
11	Veterinarian for the Sustainable Development of the Humanity. <i>Asian Journal of Animal and Veterinary Advances</i> , 2012 , 7, 452-453	0.1	5
10	Prediction of ligand binding site by insilico approach in cold resistant protein isolated from cold resistant mutant of Pseudomonas fluorescens. <i>Journal of Molecular Graphics and Modelling</i> , 2012 , 38, 101-11	2.8	2
9	Comparative protein modeling, prediction of conserved residue and active sites in cold resistant protein isolated from CRPF(1), a cold tolerant mutant of Pseudomonas fluorescens. <i>Current Microbiology</i> , 2010 , 60, 428-34	2.4	1
8	ACD: Antimicrobial chemotherapeutics database. <i>PLoS ONE</i> , 2020 , 15, e0235193	3.7	0

- 7 Audiomagnetotelluric (AMT) studies across Aravali-Tural-Rajawadi geothermal zones, western Maharashtra, India. *Journal of Applied Geophysics*, **2022**, 198, 104579 1.7 0
- 6 Dimensionality and directionality analysis of magnetotelluric data by using different techniques: A case study from northern part of Saurashtra region, India. *Journal of Earth System Science*, **2021**, 130, 1 1.8
- 5 Magnetotelluric evidence for an Archaean Proterozoic lithospheric assemblage within the Cambay rift basin, western India, and its role in channeling of plume-derived fluids within the basin. *Tectonophysics*, **2021**, 818, 229064 3.1
- 4 ACD: Antimicrobial chemotherapeutics database **2020**, 15, e0235193
- 3 ACD: Antimicrobial chemotherapeutics database **2020**, 15, e0235193
- 2 ACD: Antimicrobial chemotherapeutics database **2020**, 15, e0235193
- 1 ACD: Antimicrobial chemotherapeutics database **2020**, 15, e0235193