

# Amit Kumar

## List of Publications by Year in Descending Order

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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	Audiomagnetotelluric (AMT) studies across Aravali-Tural-Rajawadi geothermal zones, western Maharashtra, India. <i>Journal of Applied Geophysics</i> , <b>2022</b> , 198, 104579	1.7	0
23	Dimensionality and directionality analysis of magnetotelluric data by using different techniques: A case study from northern part of Saurashtra region, India. <i>Journal of Earth System Science</i> , <b>2021</b> , 130, 1	1.8	
22	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. <i>Tectonophysics</i> , <b>2021</b> , 818, 229064	3.1	
21	ACD: Antimicrobial chemotherapeutics database. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235193	3.7	0
20	Implications for the lithospheric structure of Cambay rift zone, western India: Inferences from a magnetotelluric study. <i>Geoscience Frontiers</i> , <b>2020</b> , 11, 1743-1754	6	5
19	ACD: Antimicrobial chemotherapeutics database <b>2020</b> , 15, e0235193		
18	ACD: Antimicrobial chemotherapeutics database <b>2020</b> , 15, e0235193		
17	ACD: Antimicrobial chemotherapeutics database <b>2020</b> , 15, e0235193		
16	ACD: Antimicrobial chemotherapeutics database <b>2020</b> , 15, e0235193		
15	Performance evaluation of Al <sub>2</sub> O <sub>3</sub> nano powder mixed dielectric for electric discharge machining of Inconel 825. <i>Materials and Manufacturing Processes</i> , <b>2018</b> , 33, 986-995	4.1	58
14	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> , <b>2018</b> , 36, 2966-2975	3.6	8
13	Electrical resistivity cross-section across northern part of Saurashtra region: An insight to crystallized magma and fluids. <i>Tectonophysics</i> , <b>2018</b> , 744, 205-214	3.1	7
12	Comparative Study of Powder Mixed EDM and Conventional EDM Using Response Surface Methodology. <i>Materials Today: Proceedings</i> , <b>2018</b> , 5, 18089-18094	1.4	8
11	Study of Machining of Inconel 825 Super Alloy Using Powder Mixed EDM Process. <i>Materials Today: Proceedings</i> , <b>2018</b> , 5, 18129-18134	1.4	6
10	Conformational stability, spectroscopic signatures and biological interactions of proton pump inhibitor drug lansoprazole based on structural motifs. <i>RSC Advances</i> , <b>2017</b> , 7, 41573-41584	3.7	6
9	Computational modelling and protein-ligand interaction studies of SMLipA lipase cloned from forest metagenome. <i>Journal of Molecular Graphics and Modelling</i> , <b>2016</b> , 70, 212-225	2.8	5
8	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> , <b>2014</b> , 132, 15-26	4.4	15

7	Seroprevalence of infectious bovine rhinotracheitis in dairy animals with reproductive disorders in Uttar Pradesh, India. <i>Pakistan Journal of Biological Sciences</i> , <b>2014</b> , 17, 720-4	0.8	6
6	Occurrence of extended spectrum beta-lactamases producing alpha hemolytic Escherichia coli in neonatal diarrhea. <i>Pakistan Journal of Biological Sciences</i> , <b>2014</b> , 17, 109-13	0.8	6
5	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> , <b>2013</b> , 10, 1-43	0.7	32
4	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> , <b>2012</b> , 38, 101-11	2.8	2
3	Veterinarian for the Sustainable Development of the Humanity. <i>Asian Journal of Animal and Veterinary Advances</i> , <b>2012</b> , 7, 452-453	0.1	5
2	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> , <b>2012</b> , 15, 954-63	0.8	18
1	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> , <b>2010</b> , 60, 428-34	2.4	1