

Sikandar Khan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

328
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

356
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple amplified microRNAs monitoring in living cells based on fluorescence quenching of Mo2B and hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , 2022, 197, 113815.	10.1	13
2	Biosorption of iron ions through microalgae from wastewater and soil: Optimization and comparative study. <i>Chemosphere</i> , 2021, 265, 129172.	8.2	13
3	CRISPR-Cas technology based genome editing for modification of salinity stress tolerance responses in rice (<i>Oryza sativa</i> L.). <i>Molecular Biology Reports</i> , 2021, 48, 3605-3615.	2.3	16
4	Genome-wide analysis and functional characterization of the Dof transcription factor family in rice (<i>Oryza sativa</i> L.). <i>Planta</i> , 2021, 253, 101.	3.2	18
5	Enhanced whole-cell biotransformation of 3-chloropropiophenone into 1-phenyl-1-propanone by hydrogel entrapped <i>Chlorella emersonii</i> (211.8b). <i>Biotechnology Letters</i> , 2021, 43, 2259-2272.	2.2	1
6	Green synthesis and characterization of Fe ₃ O ₄ nanoparticles using <i>Chlorella</i> -K01 extract for potential enhancement of plant growth stimulating and antifungal activity. <i>Scientific Reports</i> , 2021, 11, 21996.	3.3	58
7	Biotechnological perspectives on algae: a viable option for next generation biofuels. <i>Current Opinion in Biotechnology</i> , 2020, 62, 146-152.	6.6	71
8	Fungus- (<i>Alternaria</i> sp.) Mediated Silver Nanoparticles Synthesis, Characterization, and Screening of Antifungal Activity against Some Phytopathogens. <i>Journal of Nanotechnology</i> , 2020, 2020, 1-9.	3.4	43
9	Concurrent biomineralization of silver ions into Ag ₀ and Ag _x O by <i>Leptolyngbya</i> strain JSC-1 and the establishment of its axenic culture. <i>Chemosphere</i> , 2019, 215, 693-702.	8.2	7
10	Biofabrication of gold nanoparticles by <i>Lyptolyngbya</i> JSC-1 extract as super reducing and stabilizing agents: Synthesis, characterization and antibacterial activity. <i>Microbial Pathogenesis</i> , 2018, 114, 116-123.	2.9	34
11	Biogenic synthesis of silver nanoparticles using extracts of <i>Leptolyngbya</i> JSC-1 that induce apoptosis in HeLa cell line and exterminate pathogenic bacteria. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 471-480.	2.8	42
12	Foliar Application of Iron (Fe) Improved the Antioxidant Defense and Cd Accumulation Potential of <i>Ricinus communis</i> Under Hydroponic Condition. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	12