

Muhammad Hussnain Siddique

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

940
citations

623734

14
h-index

477307

29
g-index

40
all docs

40
docs citations

40
times ranked

1288
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial lipases: A review on purification and characterization. Progress in Biophysics and Molecular Biology, 2018, 132, 23-34.	2.9	210
2	Microbial Polyhydroxyalkanoates (PHAs): Efficient Replacement of Synthetic Polymers. Journal of Polymers and the Environment, 2020, 28, 2301-2323.	5.0	117
3	Effect of Silver Nanoparticles on Biofilm Formation and EPS Production of Multidrug-Resistant <i>Klebsiella pneumoniae</i> . BioMed Research International, 2020, 2020, 1-9.	1.9	90
4	Nanoantibiotics Future nanotechnologies to combat antibiotic resistance. Frontiers in Bioscience - Elite, 2018, 10, 352-374.	1.8	80
5	Microbial invertases: A review on kinetics, thermodynamics, physiochemical properties. Process Biochemistry, 2015, 50, 1202-1210.	3.7	64
6	Microbial L-asparaginase: purification, characterization and applications. Archives of Microbiology, 2020, 202, 967-981.	2.2	59
7	Biosynthesis of ZnO Nanoparticles Using <i>Bacillus Subtilis</i> : Characterization and Nutritive Significance for Promoting Plant Growth in <i>Zea mays</i> L. Dose-Response, 2020, 18, 155932582095891.	1.6	32
8	Synthesis of magnetite-based nanocomposites for effective removal of brilliant green dye from wastewater. Environmental Science and Pollution Research, 2019, 26, 24489-24502.	5.3	31
9	Aluminium oxide nanoparticles inhibit EPS production, adhesion and biofilm formation by multidrug resistant <i>Acinetobacter baumannii</i> . Biofouling, 2020, 36, 492-504.	2.2	30
10	Effective sequestration of Cr (VI) from wastewater using nanocomposite of ZnO with cotton stalks biochar: modeling, kinetics, and reusability. Environmental Science and Pollution Research, 2020, 27, 33821-33834.	5.3	27
11	Biofabrication of ZnO nanoparticles using Acacia arabica leaf extract and their antibiofilm and antioxidant potential against foodborne pathogens. PLoS ONE, 2022, 17, e0259190.	2.5	26
12	Eco-friendly synthesis of antibacterial zinc nanoparticles using Sesamum indicum L. extract. Journal of King Saud University - Science, 2020, 32, 1116-1122.	3.5	22
13	Molecular mechanisms of antibiotic co-resistance among carbapenem resistant <i>Acinetobacter baumannii</i> . Journal of Infection in Developing Countries, 2019, 13, 899-905.	1.2	19
14	Isolation, Characterization of Zn Solubilizing Bacterium (<i>Pseudomonas protegens</i> RY2) and its Contribution in Growth of Chickpea (<i>Cicer arietinum</i> L) as Deciphered by Improved Growth Parameters and Zn Content. Dose-Response, 2021, 19, 155932582110367.	1.6	17
15	Isolation and identification of low-density polyethylene degrading novel bacterial strains. Archives of Microbiology, 2021, 203, 5417-5423.	2.2	17
16	Nanocomposites of sedimentary material with ZnO and magnetite for the effective sequestration of arsenic from aqueous systems: Reusability, modeling and kinetics. Environmental Technology and Innovation, 2021, 21, 101298.	6.1	16
17	Genome-wide analysis of potassium transport genes in <i>Gossypium raimondii</i> suggest a role of GrHAK/KUP/KT8, GrAKT2.1 and GrAKT1.1 in response to abiotic stress. Plant Physiology and Biochemistry, 2022, 170, 110-122.	5.8	16
18	Genome-Wide Identification, Genomic Organization, and Characterization of Potassium Transport-Related Genes in <i>Cajanus cajan</i> and Their Role in Abiotic Stress. Plants, 2021, 10, 2238.	3.5	11

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19	Extracts of <i>Eucalyptus alba</i> Promote Diabetic Wound Healing by Inhibiting α -Glucosidase and Stimulating Cell Proliferation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-12.	1.2	9
20	Antidiabetic and antioxidant potentials of <i>Abelmoschus esculentus</i> : In vitro combined with molecular docking approach. <i>Journal of Saudi Chemical Society</i> , 2022, 26, 101418.	5.2	8
21	Extended-Spectrum- β -Lactamase Producing Multidrug Resistant <i>Klebsiella pneumoniae</i> Isolates from Pediatrics. <i>Pakistan Journal of Zoology</i> , 2019, 51, .	0.2	6
22	Separation and Purification of Amino Acids. , 2019, , 1-11.		5
23	Neem oil. , 2021, , 57-73.		4
24	Subtractive genomics and molecular docking approach to identify drug targets against <i>Stenotrophomonas maltophilia</i> . <i>PLoS ONE</i> , 2021, 16, e0261111.	2.5	4
25	<i>Saccharothrix Algeriensis</i> NRRL B-24137 Potentiates Chemical Fungicide Carbendazim in Treating <i>Fusarium Oxysporum</i> f.sp. <i>Vasinfestum</i> -Induced Cotton Wilt Disease. <i>Dose-Response</i> , 2020, 18, 155932582096034.	1.6	3
26	Actinobacteria: Potential Candidate as Plant Growth Promoters. , 0, , .		3
27	Polymicrobial multidrug-resistant bacteria isolated from street vended fresh fruit juices in Pakistan. <i>British Food Journal</i> , 2018, 120, 1358-1365.	2.9	2
28	Assessment of cadmium tolerance and biosorptive potential of <i>Bacillus Cereus</i> GCFSD01 isolated from cadmium contaminated soil. <i>Brazilian Journal of Biology</i> , 2021, 81, 398-405.	0.9	2
29	Antiadhesion and antibiofilm potential of <i>Fagonia indica</i> from Cholistan desert against clinical multidrug resistant bacteria. <i>Brazilian Journal of Biology</i> , 2021, 82, e239991.	0.9	2
30	Edible oil. , 2021, , 99-126.		2
31	Characterization of a cytochrome P450 monooxygenase gene involved in the biosynthesis of geosmin in <i>Penicillium expansum</i> . <i>African Journal of Microbiology Research</i> , 2012, 6, .	0.4	2
32	Assessment of zinc solubilization potential of zinc-resistant <i>Pseudomonas oleovorans</i> strain ZSB13 isolated from contaminated soil. <i>Brazilian Journal of Biology</i> , 2021, 83, e240015.	0.9	2
33	Applications of biosolvents in environmental remediation. , 2021, , 1-14.		1
34	Environmental Effects and Microbial Detoxification of Textile Dyes. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 289-326.	0.5	1
35	Ion-Exchange Chromatography in Separation and Purification of Beverages. , 2019, , 175-191.		0
36	A study on the potential reprotoxic effects of thimerosal in male albino rats. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2798-2802.	3.8	0

#	ARTICLE	IF	CITATIONS
37	Nonedible oil. , 2021, , 127-155.		0
38	Sunflower oil. , 2021, , 31-40.		0
39	Rapeseed oil. , 2021, , 41-55.		0
40	Endophytes as Guardians of Plants Against Diseases. Environmental and Microbial Biotechnology, 2021, , 221-242.	0.7	0