

# Muhammad Hussnain Siddique

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

940  
citations

623574

14  
h-index

477173

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.	1.4	210
2	Microbial Polyhydroxyalkanoates (PHAs): Efficient Replacement of Synthetic Polymers. Journal of Polymers and the Environment, 2020, 28, 2301-2323.	2.4	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.	0.9	90
4	Nanoantibiotics Future nanotechnologies to combat antibiotic resistance. Frontiers in Bioscience - Elite, 2018, 10, 352-374.	0.9	80
5	Microbial invertases: A review on kinetics, thermodynamics, physiochemical properties. Process Biochemistry, 2015, 50, 1202-1210.	1.8	64
6	Microbial L-asparaginase: purification, characterization and applications. Archives of Microbiology, 2020, 202, 967-981.	1.0	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.	0.7	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.	2.7	31
9	Aluminium oxide nanoparticles inhibit EPS production, adhesion and biofilm formation by multidrug resistant <i>Acinetobacter baumannii</i> . Biofouling, 2020, 36, 492-504.	0.8	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.	2.7	27
11	Biofabrication of ZnO nanoparticles using <i>Acacia arabica</i> leaf extract and their antibiofilm and antioxidant potential against foodborne pathogens. PLoS ONE, 2022, 17, e0259190.	1.1	26
12	Eco-friendly synthesis of antibacterial zinc nanoparticles using <i>Sesamum indicum</i> L. extract. Journal of King Saud University - Science, 2020, 32, 1116-1122.	1.6	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.	0.5	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.	0.7	17
15	Isolation and identification of low-density polyethylene degrading novel bacterial strains. Archives of Microbiology, 2021, 203, 5417-5423.	1.0	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.	3.0	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.	2.8	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.	1.6	11

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19	Extracts of Eucalyptus alba Promote Diabetic Wound Healing by Inhibiting $\alpha$ -Glucosidase and Stimulating Cell Proliferation. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-12.	0.5	9
20	Antidiabetic and antioxidant potentials of Abelmoschus esculentus: In vitro combined with molecular docking approach. Journal of Saudi Chemical Society, 2022, 26, 101418.	2.4	8
21	Extended-Spectrum $\beta$ -Lactamase Producing Multidrug Resistant Klebsiella pneumoniae Isolates from Pediatrics. Pakistan Journal of Zoology, 2019, 51, .	0.1	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 Stenotrophomonas maltophilia. PLoS ONE, 2021, 16, e0261111.	1.1	4
25	Saccharothrix Algeriensis NRRL B-24137 Potentiates Chemical Fungicide Carbendazim in Treating Fusarium Oxysporum f.sp. Vasinfectum-Induced Cotton Wilt Disease. Dose-Response, 2020, 18, 155932582096034.	0.7	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. British Food Journal, 2018, 120, 1358-1365.	1.6	2
28	Assessment of cadmium tolerance and biosorptive potential of Bacillus Cereus GCFSD01 isolated from cadmium contaminated soil. Brazilian Journal of Biology, 2021, 81, 398-405.	0.4	2
29	Antiadhesion and antibiofilm potential of Fagonia indica from Cholistan desert against clinical multidrug resistant bacteria. Brazilian Journal of Biology, 2021, 82, e239991.	0.4	2
30	Edible oil. , 2021, , 99-126.		2
31	Characterization of a cytochrome P450 monooxygenase gene involved in the biosynthesis of geosmin in Penicillium expansum. African Journal of Microbiology Research, 2012, 6, .	0.4	2
32	Assessment of zinc solubilization potential of zinc-resistant Pseudomonas oleovorans strain ZSB13 isolated from contaminated soil. Brazilian Journal of Biology, 2021, 83, e240015.	0.4	2
33	Applications of biosolvents in environmental remediation. , 2021, , 1-14.		1
34	Environmental Effects and Microbial Detoxification of Textile Dyes. Environmental Chemistry for A Sustainable World, 2020, , 289-326.	0.3	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. Saudi Journal of Biological Sciences, 2020, 27, 2798-2802.	1.8	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.	0.4	0