

# Sabir Hussain

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5134095/publications.pdf>

Version: 2024-02-01

55  
papers

2,173  
citations

236612

25  
h-index

233125

45  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inoculation with the pH Lowering Plant Growth Promoting Bacterium <i>Bacillus</i> sp. ZV6 Enhances Ni Phytoextraction by <i>Salix alba</i> from a Ni-Polluted Soil Receiving Effluents from Ni Electroplating Industry. <i>Sustainability</i> , 2022, 14, 6975.	1.6	2
2	Synthesis of nZVI-Ni@BC composite as a stable catalyst to activate persulfate: Trichloroethylene degradation and insight mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104808.	3.3	68
3	Comparative efficacy of biogenic zinc oxide nanoparticles synthesized by <i>Pseudochrobactrum</i> sp. C5 and chemically synthesized zinc oxide nanoparticles for catalytic degradation of dyes and wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 28307-28318.	2.7	29
4	Toxicity of biogenic zinc oxide nanoparticles to soil organic matter cycling and their interaction with rice-straw derived biochar. <i>Scientific Reports</i> , 2021, 11, 8429.	1.6	20
5	Effect of Micronutrient and Hormone on Microalgae Growth Assessment for Biofuel Feedstock. <i>Sustainability</i> , 2021, 13, 5035.	1.6	6
6	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. <i>Dose-Response</i> , 2021, 19, 155932582110367.	0.7	17
7	Advances in the Synthesis and Application of Anti-Fouling Membranes Using Two-Dimensional Nanomaterials. <i>Membranes</i> , 2021, 11, 605.	1.4	9
8	Highly efficient degradation of trichloroethylene in groundwater based on persulfate activation by polyvinylpyrrolidone functionalized Fe/Cu bimetallic nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105341.	3.3	28
9	Evaluation of Symbiotic Association between Various Rhizobia, Capable of Producing Plant-Growth-Promoting Biomolecules, and Mung Bean for Sustainable Production. <i>Sustainability</i> , 2021, 13, 13832.	1.6	4
10	Use of biogenic copper nanoparticles synthesized from a native <i>Escherichia</i> sp. as photocatalysts for azo dye degradation and treatment of textile effluents. <i>Environmental Pollution</i> , 2020, 257, 113514.	3.7	139
11	<i>Bacillus firmus</i> strain FSS2C ameliorated oxidative stress in wheat plants induced by azo dye (reactive) Tj ETQq1	1.1	6
12	Green synthesis of silver nanoparticles transformed synthetic textile dye into less toxic intermediate molecules through LC-MS analysis and treated the actual wastewater. <i>Environmental Research</i> , 2020, 191, 110142.	3.7	43
13	Application of a Dye-Decolorizing <i>Pseudomonas aeruginosa</i> Strain ZM130 for Remediation of Textile Wastewaters in Aerobic/Anaerobic Sequential Batch Bioreactor and Soil Columns. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	19
14	Green remediation of saline-sodic Pb-factored soil by growing salt-tolerant rice cultivar along with soil applied inorganic amendments. <i>Paddy and Water Environment</i> , 2020, 18, 637-649.	1.0	5
15	Biogenic copper nanoparticles synthesized by using a copper-resistant strain <i>Shigella flexneri</i> SNT22 reduced the translocation of cadmium from soil to wheat plants. <i>Journal of Hazardous Materials</i> , 2020, 398, 123175.	6.5	92
16	Simultaneous Removal of Reactive Dyes and Hexavalent Chromium by a Metal Tolerant <i>Pseudomonas</i> sp. WS-D/183 Harboring Plant Growth Promoting Traits. <i>International Journal of Agriculture and Biology</i> , 2020, 23, 241-252.	0.2	8
17	Environmental Effects and Microbial Detoxification of Textile Dyes. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 289-326.	0.3	1
18	The potential of an energy crop <i>Conocarpus erectus</i> for lead phytoextraction and phytostabilization of chromium, nickel, and cadmium: An excellent option for the management of multi-metal contaminated soils. <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 273-284.	2.9	44

#	ARTICLE	IF	CITATIONS
19	Bentonite and Biochar Mitigate Pb Toxicity in <i>Pisum sativum</i> by Reducing Plant Oxidative Stress and Pb Translocation. <i>Plants</i> , 2019, 8, 571.	1.6	18
20	Biodiesel production from algae grown on food industry wastewater. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 271.	1.3	10
21	Nickel phytoextraction through bacterial inoculation in <i>Raphanus sativus</i> . <i>Chemosphere</i> , 2018, 190, 234-242.	4.2	57
22	Assessment of nickel bioavailability through chemical extractants and red clover ( <i>Trifolium pratense</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Environmental Safety, 2018, 149, 116-127.	2.9	46
23	Bacterial lipases: A review on purification and characterization. <i>Progress in Biophysics and Molecular Biology</i> , 2018, 132, 23-34.	1.4	210
24	Effect of Reactive Black 5 azo dye on soil processes related to C and N cycling. <i>PeerJ</i> , 2018, 6, e4802.	0.9	77
25	Isolation and characterization of a lead (Pb) tolerant <i>Pseudomonas aeruginosa</i> strain HF5 for decolorization of reactive red-120 and other azo dyes. <i>Annals of Microbiology</i> , 2018, 68, 943-952.	1.1	12
26	Enzymatic detoxification of azo dyes by a multifarious <i>Bacillus</i> sp. strain MR-1/2-bearing plant growth-promoting characteristics. <i>3 Biotech</i> , 2018, 8, 425.	1.1	19
27	Fungal diversity and frequency carried by housefly ( <i>Musca domestica</i> L.) and their relation with stored grains in rural areas of Pakistan. <i>Journal of Food Safety</i> , 2018, 38, e12508.	1.1	2
28	Bacterial impregnation of mineral fertilizers improves yield and nutrient use efficiency of wheat. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 3685-3690.	1.7	20
29	Simultaneous use of plant growth promoting rhizobacterium and nitrogenous fertilizers may help in promoting growth, yield, and nutritional quality of okra. <i>Journal of Plant Nutrition</i> , 2017, 40, 1339-1350.	0.9	6
30	Comparative Efficacy of Bio-organic and Mineral Phosphate on the Growth, Yield and Economics of Wheat ( <i>Triticum aestivum</i> L.) Grown by Different Methods. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 73-82.	0.6	1
31	Potential plant growth-promoting strain <i>Bacillus</i> sp. SR-2-1/1 decolorized azo dyes through NADH-ubiquinone:oxidoreductase activity. <i>Bioresource Technology</i> , 2017, 235, 176-184.	4.8	71
32	Simultaneous removal of malachite green and hexavalent chromium by <i>Cunninghamella elegans</i> biofilm in a semi-continuous system. <i>International Biodeterioration and Biodegradation</i> , 2017, 125, 142-149.	1.9	31
33	Bioremediation of Isoproturon Herbicide in Agricultural Soils. <i>Environmental Science and Engineering</i> , 2017, , 83-104.	0.1	6
34	Characterization of a salt resistant bacterial strain <i>Proteus</i> sp. NA6 capable of decolorizing reactive dyes in presence of multi-metal stress. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 181.	1.7	19
35	Characterization and Purification of Membrane-Bound Azoreductase From Azo Dye Degrading <i>Shewanella</i> sp. Strain IFN4. <i>Clean - Soil, Air, Water</i> , 2016, 44, 1523-1530.	0.7	20
36	Perspectives of using fungi as bioresource for bioremediation of pesticides in the environment: a critical review. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16904-16925.	2.7	107

#	ARTICLE	IF	CITATIONS
37	Oil industry waste: a potential feedstock for biodiesel production. Environmental Technology (United Tj ETQq1 1 0,784314 rgBT /Overl	1.2	13
38	Comparative efficacy of ANN and ANFIS models in estimating biosurfactant production produced by <i>Klebsiella</i> sp. FKOD36. Stochastic Environmental Research and Risk Assessment, 2016, 30, 353-363.	1.9	3
39	Carbon mineralization in response to nitrogen and litter addition in surface and subsoils in an agroecosystem. Archives of Agronomy and Soil Science, 2016, 62, 1285-1292.	1.3	12
40	Use of RSM modeling for optimizing decolorization of simulated textile wastewater by <i>Pseudomonas aeruginosa</i> strain ZM130 capable of simultaneous removal of reactive dyes and hexavalent chromium. Environmental Science and Pollution Research, 2016, 23, 11224-11239.	2.7	57
41	Yeast extract promotes decolorization of azo dyes by stimulating azoreductase activity in <i>Shewanella</i> sp. strain IFN4. Ecotoxicology and Environmental Safety, 2016, 124, 42-49.	2.9	83
42	Copper-resistant bacteria reduces oxidative stress and uptake of copper in lentil plants: potential for bacterial bioremediation. Environmental Science and Pollution Research, 2016, 23, 220-233.	2.7	83
43	Using expert knowledge data to validate crop models on local situation data. Archives of Agronomy and Soil Science, 2016, 62, 217-234.	1.3	1
44	Decolorization of Reactive Black-5 by <i>Shewanella</i> sp. in the Presence of Metal Ions and Salts. Water Environment Research, 2015, 87, 579-586.	1.3	17
45	Biodecolorization of Reactive Yellow 12 by <i>Serratia</i> sp. RN34 Isolated from Textile Wastewater. Water Environment Research, 2015, 87, 2065-2075.	1.3	17
46	Microbial biotechnology for decolorization of textile wastewaters. Reviews in Environmental Science and Biotechnology, 2015, 14, 73-92.	3.9	190
47	Abiotic and Biotic Processes Governing the Fate of Phenylurea Herbicides in Soils: A Review. Critical Reviews in Environmental Science and Technology, 2015, 45, 1947-1998.	6.6	77
48	The stability of textile azo dyes in soil and their impact on microbial phospholipid fatty acid profiles. Ecotoxicology and Environmental Safety, 2015, 120, 163-168.	2.9	57
49	Spatial distribution of pollutant emissions from crop residue burning in the Punjab and Sindh provinces of Pakistan: uncertainties and challenges. Environmental Science and Pollution Research, 2015, 22, 16475-16491.	2.7	30
50	Isolating, screening and applying chromium reducing bacteria to promote growth and yield of okra ( <i>Hibiscus esculentus</i> L.) in chromium contaminated soils. Ecotoxicology and Environmental Safety, 2015, 114, 343-349.	2.9	63
51	Characterization of Reactive Red-120 Decolorizing Bacterial Strain <i>Acinetobacter junii</i> FA10 Capable of Simultaneous Removal of Azo Dyes and Hexavalent Chromium. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	38
52	Biodecolorization of reactive black-5 by a metal and salt tolerant bacterial strain <i>Pseudomonas</i> sp. RA20 isolated from Paharang drain effluents in Pakistan. Ecotoxicology and Environmental Safety, 2013, 98, 331-338.	2.9	59
53	Isolation and characterization of an isoproturon mineralizing <i>Sphingomonas</i> sp. strain SH from a French agricultural soil. Biodegradation, 2011, 22, 637-650.	1.5	62
54	Characterization of an isoproturon mineralizing bacterial culture enriched from a French agricultural soil. Chemosphere, 2009, 77, 1052-1059.	4.2	32

#	ARTICLE	IF	CITATIONS
55	Processes governing the environmental fates of alachlor in soil and aqueous media: a critical review. International Journal of Environmental Science and Technology, 0, , 1.	1.8	2