

# Muhammad Iqbal Khan

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,555  
citations

643344

15  
h-index

759306

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-Assisted Green Synthesis of Pure and Mn-Doped ZnO Nanocomposites: In Vitro Antibacterial Assay and Photodegradation of Methylene Blue. <i>Frontiers in Materials</i> , 2022, 8, .	1.2	7
2	Highly efficient and recoverable Ag-Cu bimetallic catalyst supported on taro-rhizome powder applied for nitroarenes and dyes reduction. <i>Journal of Materials Research and Technology</i> , 2022, 18, 769-787.	2.6	16
3	The application of aluminium phthalocyanine ALPs-4-mediated photodynamic therapy against human soft tissue sarcoma (RMS) cell line. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 102-119.	0.4	6
4	The Anticholinesterase Activity of Three Local Food Spices and Their Anti-Alzheimer Application. <i>Current Nutraceuticals</i> , 2021, 2, 71-77.	0.1	1
5	Nutritional and Fatty Acid Profile of Human Milk Samples from District Malakand, Pakistan. <i>Pakistan Journal of Analytical and Environmental Chemistry</i> , 2020, 21, 263-270.	0.2	0
6	Medicago polymorpha-mediated antibacterial silver nanoparticles in the reduction of methyl orange. <i>Green Processing and Synthesis</i> , 2019, 8, 118-127.	1.3	43
7	Green synthesis of zerovalent copper nanoparticles for efficient reduction of toxic azo dyes congo red and methyl orange. <i>Green Processing and Synthesis</i> , 2019, 8, 135-143.	1.3	119
8	Plant supported silver nanoparticles: Efficient, economically viable and easily recoverable catalyst for the reduction of organic pollutants. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4971.	1.7	40
9	Biosynthesized silver supported catalysts for disinfection of Escherichia coli and organic pollutant from drinking water. <i>Journal of Molecular Liquids</i> , 2019, 281, 295-306.	2.3	33
10	Efficient synthesis of palladium nanoparticles using guar gum as stabilizer and their applications as catalyst in reduction reactions and degradation of azo dyes. <i>Green Processing and Synthesis</i> , 2019, 9, 63-76.	1.3	40
11	Pollution, Toxicity and Carcinogenicity of Organic Dyes and their Catalytic Bio-Remediation. <i>Current Pharmaceutical Design</i> , 2019, 25, 3645-3663.	0.9	336
12	Structural and optical properties of pure and copper doped zinc oxide nanoparticles. <i>Results in Physics</i> , 2018, 9, 1301-1309.	2.0	201
13	Green synthesis of plant supported Cu Ag and Cu Ni bimetallic nanoparticles in the reduction of nitrophenols and organic dyes for water treatment. <i>Journal of Molecular Liquids</i> , 2018, 260, 78-91.	2.3	187
14	Green synthesis of antibacterial bimetallic Ag-Cu nanoparticles for catalytic reduction of persistent organic pollutants. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 20840-20855.	1.1	44
15	Biosynthesis of silver nanoparticles: A colorimetric optical sensor for detection of hexavalent chromium and ammonia in aqueous solution. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018, 103, 367-376.	1.3	114
16	Catalytic reduction of picric acid, nitrophenols and organic azo dyes via green synthesized plant supported Ag nanoparticles. <i>Journal of Molecular Liquids</i> , 2018, 268, 87-101.	2.3	156
17	Fe <sub>2</sub> O <sub>3</sub> -Co <sub>3</sub> O <sub>4</sub> nanocomposites based humidity and temperature sensors. <i>Journal of Molecular Liquids</i> , 2017, 237, 266-271.	2.3	28
18	Antibacterial PES-CA-Ag <sub>2</sub> O nanocomposite supported Cu nanoparticles membrane toward ultrafiltration, BSA rejection and reduction of nitrophenol. <i>Journal of Molecular Liquids</i> , 2017, 230, 616-624.	2.3	96

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19	Cadmium oxide based efficient electrocatalyst for hydrogen peroxide sensing and water oxidation. Journal of Materials Science: Materials in Electronics, 2017, 28, 1092-1100.	1.1	15
20	Impedimetric humidity sensor based on the use of SnO <sub>2</sub> •Co <sub>3</sub> O <sub>4</sub> spheres. Journal of Materials Science: Materials in Electronics, 2017, 28, 4260-4266.	1.1	17
21	Hypoglycemic potential of herbal product dolabi compared with pioglitazone in streptozotocin-induced diabetic rats. Chinese Journal of Integrative Medicine, 2016, , 1.	0.7	1
22	Benefits of Zubex beyond glycemic control: Evidence of the antiatherogenic effect. Chinese Journal of Integrative Medicine, 2016, , 1.	0.7	0
23	Novel synthesis of silver nanoparticles using melon aqueous extract and evaluation of their feeding deterrent activity against housefly <i>Musca domestica</i> . Asian Pacific Journal of Tropical Disease, 2016, 6, 311-316.	0.5	51
24	A comparison of the effect of glitazones on serum sialic acid in patients with type 2 diabetes. Diabetes and Vascular Disease Research, 2012, 9, 238-240.	0.9	4