

# Muhammad Iqbal Khan

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,555  
citations

567281

15  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollution, Toxicity and Carcinogenicity of Organic Dyes and their Catalytic Bio-Remediation. Current Pharmaceutical Design, 2019, 25, 3645-3663.	1.9	336
2	Structural and optical properties of pure and copper doped zinc oxide nanoparticles. Results in Physics, 2018, 9, 1301-1309.	4.1	201
3	Green synthesis of plant supported Cu Ag and Cu Ni bimetallic nanoparticles in the reduction of nitrophenols and organic dyes for water treatment. Journal of Molecular Liquids, 2018, 260, 78-91.	4.9	187
4	Catalytic reduction of picric acid, nitrophenols and organic azo dyes via green synthesized plant supported Ag nanoparticles. Journal of Molecular Liquids, 2018, 268, 87-101.	4.9	156
5	Green synthesis of zerovalent copper nanoparticles for efficient reduction of toxic azo dyes congo red and methyl orange. Green Processing and Synthesis, 2019, 8, 135-143.	3.4	119
6	Biosynthesis of silver nanoparticles: A colorimetric optical sensor for detection of hexavalent chromium and ammonia in aqueous solution. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 103, 367-376.	2.7	114
7	Antibacterial PES-CA-Ag <sub>2</sub> O nanocomposite supported Cu nanoparticles membrane toward ultrafiltration, BSA rejection and reduction of nitrophenol. Journal of Molecular Liquids, 2017, 230, 616-624.	4.9	96
8	Novel synthesis of silver nanoparticles using melon aqueous extract and evaluation of their feeding deterrent activity against housefly Musca domestica. Asian Pacific Journal of Tropical Disease, 2016, 6, 311-316.	0.5	51
9	Green synthesis of antibacterial bimetallic Ag-Cu nanoparticles for catalytic reduction of persistent organic pollutants. Journal of Materials Science: Materials in Electronics, 2018, 29, 20840-20855.	2.2	44
10	Medicago polymorpha-mediated antibacterial silver nanoparticles in the reduction of methyl orange. Green Processing and Synthesis, 2019, 8, 118-127.	3.4	43
11	Plant-supported silver nanoparticles: Efficient, economically viable and easily recoverable catalyst for the reduction of organic pollutants. Applied Organometallic Chemistry, 2019, 33, e4971.	3.5	40
12	Efficient synthesis of palladium nanoparticles using guar gum as stabilizer and their applications as catalyst in reduction reactions and degradation of azo dyes. Green Processing and Synthesis, 2019, 9, 63-76.	3.4	40
13	Biosynthesized silver supported catalysts for disinfection of Escherichia coli and organic pollutant from drinking water. Journal of Molecular Liquids, 2019, 281, 295-306.	4.9	33
14	Fe <sub>2</sub> O <sub>3</sub> -Co <sub>3</sub> O <sub>4</sub> nanocomposites based humidity and temperature sensors. Journal of Molecular Liquids, 2017, 237, 266-271.	4.9	28
15	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.	2.2	17
16	Highly efficient and recoverable Ag-Cu bimetallic catalyst supported on taro-rhizome powder applied for nitroarenes and dyes reduction. Journal of Materials Research and Technology, 2022, 18, 769-787.	5.8	16
17	Cadmium oxide based efficient electrocatalyst for hydrogen peroxide sensing and water oxidation. Journal of Materials Science: Materials in Electronics, 2017, 28, 1092-1100.	2.2	15
18	Microwave-Assisted Green Synthesis of Pure and Mn-Doped ZnO Nanocomposites: In Vitro Antibacterial Assay and Photodegradation of Methylene Blue. Frontiers in Materials, 2022, 8, .	2.4	7

#	ARTICLE	IF	CITATIONS
19	The application of aluminium phthalocyanine ALPs-4-mediated photodynamic therapy against human soft tissue sarcoma (RMS) cell line. Journal of Porphyrins and Phthalocyanines, 2021, 25, 102-119.	0.8	6
20	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.	2.0	4
21	Hypoglycemic potential of herbal product dolabi compared with pioglitazone in streptozotocin-induced diabetic rats. Chinese Journal of Integrative Medicine, 2016, , 1.	1.6	1
22	The Anticholinesterase Activity of Three Local Food Spices and Their Anti-Alzheimer Application. Current Nutraceuticals, 2021, 2, 71-77.	0.1	1
23	Benefits of Zubex beyond glycemic control: Evidence of the antiatherogenic effect. Chinese Journal of Integrative Medicine, 2016, , 1.	1.6	0
24	Nutritional and Fatty Acid Profile of Human Milk Samples from District Malakand, Pakistan. Pakistan Journal of Analytical and Environmental Chemistry, 2020, 21, 263-270.	0.5	0