

# Muhammad Mansha

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,962  
citations

361045

20  
h-index

253896

43  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically modified electrodes for electrochemical detection of dopamine in the presence of uric acid and ascorbic acid: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 76, 15-29.	5.8	313
2	Nanomaterial-based optical chemical sensors for the detection of heavy metals in water: Recent advances and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 100, 155-166.	5.8	216
3	Nanomaterials-based electrochemical detection of heavy metals in water: Current status, challenges and future direction. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 37-51.	5.8	211
4	Removal of hazardous dyes, toxic metal ions and organic pollutants from wastewater by using porous hyper-cross-linked polymeric materials: A review of recent advances. <i>Journal of Environmental Management</i> , 2021, 287, 112360.	3.8	125
5	Hematite and Magnetite Nanostructures for Green and Sustainable Energy Harnessing and Environmental Pollution Control: A Review. <i>Chemical Research in Toxicology</i> , 2020, 33, 1292-1311.	1.7	102
6	Sonochemical assisted hydrothermal synthesis of pseudo-flower shaped Bismuth vanadate (BiVO <sub>4</sub> ) and their solar-driven water splitting application. <i>Ultrasonics Sonochemistry</i> , 2017, 36, 386-392.	3.8	98
7	Synthesis, characterization and visible-light-driven photoelectrochemical hydrogen evolution reaction of carbazole-containing conjugated polymers. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 10952-10961.	3.8	84
8	Synthesis of a novel 3,5-diacrylamidobenzoic acid based hyper-cross-linked resin for the efficient adsorption of Congo Red and Rhodamine B. <i>Journal of Hazardous Materials</i> , 2019, 369, 528-538.	6.5	74
9	Synthesis of In <sub>2</sub> O <sub>3</sub> /graphene heterostructure and their hydrogen gas sensing properties. <i>Ceramics International</i> , 2016, 42, 11490-11495.	2.3	62
10	Synthesis of a novel epibromohydrin modified crosslinked polyamine resin for highly efficient removal of methyl orange and eriochrome black T. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 97, 424-432.	2.7	54
11	Membrane protected micro-solid-phase extraction of organochlorine pesticides in milk samples using zinc oxide incorporated carbon foam as sorbent. <i>Journal of Chromatography A</i> , 2016, 1475, 110-115.	1.8	53
12	Synthesis of a novel polysuccinimide based resin for the ultrahigh removal of anionic azo dyes from aqueous solution. <i>Environmental Research</i> , 2020, 184, 109337.	3.7	49
13	Ultrahigh and efficient removal of Methyl orange, Eriochrom Black T and acid Blue 92 by triazine based cross-linked polyamine resin: Synthesis, isotherm and kinetic studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125472.	2.3	33
14	Comparative adsorption of Eriochrome Black T and Tetracycline by NaOH-modified steel dust: Kinetic and process modeling. <i>Separation and Purification Technology</i> , 2022, 287, 120559.	3.9	33
15	New Chelating Ion-Exchange Resin Synthesized via the Cyclopolymerization Protocol and Its Uptake Performance for Metal Ion Removal. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 9689-9698.	1.8	31
16	Synthesis, Characterization and Surface Properties of Amidosulfobetaine Surfactants Bearing Odd-Number Hydrophobic Tail. <i>Journal of Surfactants and Detergents</i> , 2016, 19, 413-420.	1.0	24
17	Photocatalytic Water-Splitting by Organic Conjugated Polymers: Opportunities and Challenges. <i>Chemical Record</i> , 2022, 22, e202100336.	2.9	24
18	Design and Synthesis of New Dual Binding Site Cholinesterase Inhibitors: in vitro Inhibition Studies with in silico Docking. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 331-338.	0.4	23

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19	Synthesis of 3,5-diaminobenzoic acid containing crosslinked porous polyamine resin as a new adsorbent for efficient removal of cationic and anionic dyes from aqueous solutions. <i>Journal of Water Process Engineering</i> , 2021, 43, 102304.	2.6	22
20	Ultrahigh removal of methyl orange, acid blue-92 and malachite green by a novel triazine-based polyamine resin: synthesis, isotherm and kinetic studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 396-414.	1.8	21
21	The first total synthesis of aplysamine 6, an inhibitor of isoprenylcysteine carboxy methyltransferase. <i>Tetrahedron Letters</i> , 2009, 50, 158-160.	0.7	20
22	Synthesis, Characterization, and Photoelectrochemical Catalytic Studies of a Water-Stable Zinc-Based Metal-Organic Framework. <i>ChemSusChem</i> , 2018, 11, 542-546.	3.6	20
23	Synthesis and selective colorimetric detection of iodide ion by novel 1,5-naphthyridine-based conjugated polymers. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 91, 420-426.	2.7	18
24	Synthesis and characterization of functionalized polythiophene for polymer-sensitized solar cell. <i>Dyes and Pigments</i> , 2017, 141, 406-412.	2.0	17
25	Visible-light driven photocatalytic oxygen evolution reaction from new poly(phenylene) Tj ETQq1 1 0.784314 rgBT (Overlock 10 Tf 50 50)	2.0	16
26	1,5-Naphthyridine-based conjugated polymers as co-sensitizers for dye-sensitized solar cells. <i>Solar Energy</i> , 2019, 194, 682-687.	2.9	15
27	Protein Geranylgeranyltransferase Type 1 as a Target in Cancer. <i>Current Cancer Drug Targets</i> , 2016, 16, 563-571.	0.8	15
28	Synthesis of neolamellarin A, an inhibitor of hypoxia-inducible factor-1. <i>Natural Product Communications</i> , 2009, 4, 925-6.	0.2	15
29	Recent Trends and Future Perspectives of Emergent Analytical Techniques for Mercury Sensing in Aquatic Environments. <i>Chemical Record</i> , 2022, 22, e202100327.	2.9	15
30	A Highly Sensitive and Selective Fluorescent Sensor for Zinc(II) Ions Based on a 1,2,3,4-Triazolyl-Functionalized 2,2'-bis(2-dipicolylamino)ethane (DPA). <i>ChemistrySelect</i> , 2020, 5, 5300-5305.	0.7	14
31	Novel procaine-based gemini zwitterion incorporated PVDF membranes for efficient treatment of oily wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107935.	3.3	14
32	Optical Chemical Sensing of Iodide Ions: A Comprehensive Review for the Synthetic Strategies of Iodide Sensing Probes, Challenges, and Future Aspects. <i>Chemical Record</i> , 2022, 22, e202200059.	2.9	13
33	The design of fluoroquinolone-based cholinesterase inhibitors: Synthesis, biological evaluation and in silico docking studies. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103211.	2.3	11
34	Covalent Organic Frameworks-Based Membranes as Promising Modalities from Preparation to Separation Applications: An Overview. <i>Chemical Record</i> , 2022, 22, .	2.9	10
35	An improved total synthesis of spermatinamine, an inhibitor of isoprenylcysteine carboxy methyltransferase. <i>Tetrahedron Letters</i> , 2011, 52, 212-214.	0.7	9
36	Synthesis, characterization, and properties of new 3-hexyl-2,5-diphenylthiophene: Phenylene vinylenes copolymers as colorimetric sensor for iodide anion. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	9

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37	Design and synthesis of two new terbium and europium complex-based luminescent probes for the selective detection of zinc ions. <i>Luminescence</i> , 2020, 35, 1238-1247.	1.5	8
38	Three new turn-on fluorescent sensors for the selective detection of Zn <sup>2+</sup> : Synthesis, properties and DFT studies. <i>Arabian Journal of Chemistry</i> , 2022, 15, 104002.	2.3	8
39	The first total synthesis of potent antitumoral (±)-mafaicheenamine A, unnatural 6-fluoromafaicheenamine A and expedient synthesis of clausine E. <i>RSC Advances</i> , 2016, 6, 26104-26110.	1.7	7
40	Pyrazole-based potent inhibitors of GGT1: Synthesis, biological evaluation, and molecular docking studies. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 666-676.	2.6	7
41	Synthesis, Characterization, and Viscosification of Amidosulfobutaine and Zwitterionic Gemini Surfactants. <i>Journal of Surfactants and Detergents</i> , 2021, 24, 697-706.	1.0	7
42	Cost-Effective and Selective Fluorescent Chemosensor (Pyr-NH@SiO <sub>2</sub> NPs) for Mercury Detection in Seawater. <i>Nanomaterials</i> , 2022, 12, 1249.	1.9	7
43	Synthesis, structures and photoluminescence properties of mixed ligand divalent metal-organic frameworks. <i>New Journal of Chemistry</i> , 2017, 41, 2980-2986.	1.4	6
44	Polymer Blends. <i>Polymers and Polymeric Composites</i> , 2018, , 1-38.	0.6	5
45	The first total synthesis of aspergillusol A, an alpha-glucosidase inhibitor. <i>Natural Product Communications</i> , 2010, 5, 1077-80.	0.2	5
46	Microwave-Assisted Claisen Rearrangement: Synthesis of Naturally Occurring TRAIL-Resistance-Overcoming Tyrosine Derivative. <i>Synthetic Communications</i> , 2015, 45, 599-604.	1.1	4
47	3-Hexyl-2,5-diphenylthiophene:phenylene vinylene-based conjugated polymer for solar cells application. <i>Dyes and Pigments</i> , 2017, 144, 218-222.	2.0	4
48	A novel trans-esterified water soluble hyperbranched polymer for surface protection of X60 steel: Experimental and theoretical approach. <i>Journal of Molecular Liquids</i> , 2022, 349, 118091.	2.3	4
49	Poly(phenylene cyanovinylenes) carbazole based conjugated polymer as a photosensitizer for dye-sensitized solar cells. <i>Materials Letters</i> , 2018, 231, 56-59.	1.3	3
50	Synthesis of structural analogues of GGT1-DU40, a potent GGTase-1 inhibitor. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 333-344.	0.3	2
51	Crystal structures of dual dopamine D2 and serotonin 5-HT1A active arylpiperidinyl-2(1H)-3,4-dihydroquinolinones. <i>Journal of Structural Chemistry</i> , 2015, 56, 1441-1445.	0.3	1
52	Fracturing fluid applications of carboxylate-terminated low molecular weight PEI and CTAB formulations. <i>Colloids and Interface Science Communications</i> , 2022, 49, 100643.	2.0	1
53	Crystal structures of 1-aryl-4-(biarylmethylene)piperazine and piperidine, structurally related to adoprazine. <i>Journal of Structural Chemistry</i> , 2017, 58, 1697-1702.	0.3	0