

# Mumammad Yar Khuhawar

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

562  
citations

687363

13  
h-index

794594

19  
g-index

43  
all docs

43  
docs citations

43  
times ranked

516  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of hydrochemistry of the Dokri groundwater, including historical site Mohenjo-Daro, Sindh, Pakistan. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1892-1916.	3.3	22
2	Photocatalytic Degradation of Eriochrome Black T Dye by ZnO Nanoparticles Using Multivariate Factorial, Kinetics and Isotherm Models. <i>Journal of Cluster Science</i> , 2023, 34, 1121-1132.	3.3	17
3	Assessment of groundwater quality for drinking and irrigation uses in taluka Ratodero, district Larkana, Sindh, Pakistan. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 4134-4157.	3.3	26
4	Fluorescent Carbon Dots and their Applications in Sensing of Small Organic Molecules. <i>Current Analytical Chemistry</i> , 2022, 18, 145-162.	1.2	5
5	GC Determination of Fluorouracil in Serum by Using Hexafluoroacetylacetone as Derivatizing Reagent. <i>Journal of Chromatographic Science</i> , 2022, 60, 409-413.	1.4	2
6	Spatial distribution of hydrochemistry and characterization of groundwater of taluka Bakrani, Larkana, Sindh, Pakistan. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	13
7	Spatial variability and risk assessment of metals in groundwater of district Kamber-Shahdadkot, Sindh, Pakistan. <i>Groundwater for Sustainable Development</i> , 2022, 18, 100784.	4.6	3
8	Copper (Cu) tolerance and accumulation potential in four native plant species: a comparative study for effective phytoextraction technique. , 2021, 5, 53-64.		15
9	Removal of Co <sup>2+</sup> , Cu <sup>2+</sup> and Au <sup>3+</sup> ions from contaminated wastewater by using new fluorescent and antibacterial polymer as sorbent. <i>Polymer Bulletin</i> , 2021, 78, 1505-1533.	3.3	11
10	Synthesis and characterization of new thermally stable, antimicrobial and red-light-emitting poly(azomethine-ester)s. <i>Polymer Bulletin</i> , 2021, 78, 5055-5074.	3.3	3
11	Nutritional Assessment and Biological Activity of <i>Moringa oleifera</i> . <i>Pakistan Journal of Scientific and Industrial Research Series B: Biological Sciences</i> , 2021, 64, 1-6.	0.1	0
12	Synthesis and application of fluorescent and thermally stable polyazomethine as adsorbent in the remediation of Ni (II), Cu (II) and Co (II) from wastewater systems. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	6
13	Spatial variability and hydrogeochemical characterisation of groundwaters in Larkana of Sindh, Pakistan. <i>Groundwater for Sustainable Development</i> , 2021, 14, 100632.	4.6	18
14	Risk assessment of heavy metals and salts for human and irrigation consumption of groundwater in Qambar city: a case study. , 2020, 4, 23-39.		26
15	Groundwater quality assessment of Shahdadkot, Qubo Saeed Khan and Sijawal Junejo Talukas of District Qambar Shahdadkot, Sindh. <i>Applied Water Science</i> , 2020, 10, 1.	5.6	21
16	High performance liquid chromatographic separation of platinum (II), gold (III), vanadium (IV), vanadium (V), molybdenum (VI) and analysis of cis-platin as platinum (II) in cis-plasol injection, urine, and blood serum using pyridoxal-4-phenyl-3-thiosemicarbazone as complexing reagent. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 29-36.	1.0	2
17	Silver Nanoparticles with Sodium Dodecyl Sulfate as a Colorimetric Probe for the Detection of Dithiocarbamate Pesticides in Environmental Samples. <i>Analytical Sciences</i> , 2019, 35, 631-637.	1.6	23
18	Applications of copper nanoparticles for colorimetric detection of dithiocarbamate pesticides. <i>Journal of Nanostructure in Chemistry</i> , 2019, 9, 77-93.	9.1	39

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19	Evaluation of chromium phyto-toxicity, phyto-tolerance, and phyto-accumulation using biofuel plants for effective phytoremediation. <i>International Journal of Phytoremediation</i> , 2019, 21, 352-363.	3.1	29
20	Determination of Important Phenolic Compounds in Pakistani Brown Rice Varieties in Controlled, Germinated and Fermented Conditions by High Performance Liquid Chromatography. <i>Progress in Chemical and Biochemical Research</i> , 2019, 2, 134-142.	1.5	7
21	New Fluorescent, Thermally Stable and Film Forming Polyimines Containing Naphthyl Rings. <i>Acta Chimica Slovenica</i> , 2019, 66, 899-912.	0.6	2
22	Comparative study of Zn-phytoextraction potential in guar ( <i>Cyamopsis tetragonoloba</i> L.) and sesame ( <i>Sesamum indicum</i> L.): tolerance and accumulation. , 2018, 2, 29-38.		2
23	Potential for Phytoextraction of Cu by <i>Sesamum indicum</i> L. and <i>Cyamopsis tetragonoloba</i> L.: A Green Solution to Decontaminate Soil. <i>Earth Systems and Environment</i> , 2018, 2, 133-143.	6.2	16
24	Accumulation and distribution of lead (Pb) in plant tissues of guar ( <i>Cyamopsis tetragonoloba</i> L.) and sesame ( <i>Sesamum indicum</i> L.): profitable phytoremediation with biofuel crops. , 2018, 2, 51-60.		66
25	Spectrophotometric and liquid chromatographic determination of Zn(II), Ni(II), Fe(II), Co(II), and Cu(II) as metal chelates from vegetable and pharmaceutical samples using 3-hydroxy-5-(hydroxymethyl)-2-methyl-4-pyridine carboxaldehyde-4-phenyl-3-thiosemicarbazone as derivatizing reagent. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 1074-1081.	1.0	2
26	Water quality assessment of Ramser site, Indus Delta, Sindh, Pakistan. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 492.	2.7	32
27	Synthesis and Characterization of New Photoresponsive, Ortho and Para Oriented Azomethine Polymers. <i>Acta Chimica Slovenica</i> , 2018, 65, 718-729.	0.6	5
28	Rapid diagnostic method of tobacco products in saliva by fourier transform infrared spectroscopy (FTIR). <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 175-180.	0.2	0
29	Improved Gas Chromatographic Determination of Guanidino Compounds Using Isovaleroylacetone and Ethyl Chloroformate as Derivatizing Reagents. <i>Analytical Sciences</i> , 2016, 32, 141-145.	1.6	3
30	GC-FID determination of nucleobases guanine, adenine, cytosine, and thymine from DNA by precolumn derivatization with isobutyl chloroformate. <i>Journal of Analytical Science and Technology</i> , 2016, 7, .	2.1	13
31	Synthesis, Characterization and Biological Studies of New Linear Thermally Stable Schiff Base Polymers with Flexible Spacers. <i>Acta Chimica Slovenica</i> , 2016, 63, 113-120.	0.6	10
32	HPLC determination of gamma amino butyric acid (GABA) and some biogenic amines (BAs) in controlled, germinated, and fermented brown rice by pre-column derivatization. <i>Journal of Cereal Science</i> , 2015, 64, 56-62.	3.7	21
33	Determination of amino acids in jams, fruits and pharmaceutical preparations by gas chromatography using trifluoroacetylacetone and ethylchloroformate as derivatizing reagents. <i>Analytical Methods</i> , 2015, 7, 3148-3156.	2.7	5
34	Determination of arsenic contents in groundwater of District Rahim Yar Khan Southern Punjab, Pakistan. <i>Arabian Journal of Geosciences</i> , 2015, 8, 10983-10994.	1.3	17
35	GC analysis of guanidino compounds in serum and urine of healthy volunteers and uremic patients using methylglyoxal and ethyl chloroformate as derivatizing reagent. <i>Analytical Methods</i> , 2015, 7, 7724-7732.	2.7	0
36	Water quality and sediment assessment of Manchar Lake, Sindh, Pakistan: after effects of the super flood of 2010. <i>Arabian Journal of Geosciences</i> , 2015, 8, 3259-3283.	1.3	14

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37	Simultaneous HPLC determination of gamma amino butyric acid (GABA) and lysine in selected Pakistani rice varieties by pre-column derivatization with 2-Hydroxynaphthaldehyde. <i>Journal of Cereal Science</i> , 2014, 60, 356-360.	3.7	29
38	Gas Chromatographic Determination of Guanidino Compounds Using Hexafluoroacetylacetone and Ethyl Chloroformate as Derivatizing Reagents. <i>Chromatographia</i> , 2013, 76, 85-90.	1.3	5
39	Micellar Electrokinetic Chromatographic Separation/Determination of Uranium, Iron, Copper and Nickel from Environmental Ore Samples Using Bis(salicylaldehyde)meso-stilbene diimine as Chelating Reagent. <i>Asian Journal of Chemistry</i> , 2013, 25, 3719-3724.	0.3	5
40	Liquid Chromatography of Uranium Complexes of Tetradentate Schiff Bases. <i>Analytical Sciences</i> , 2004, 20, 1193-1197.	1.6	4
41	Determination of Metal Ions in Crude Oils. , 0, , .		15
42	Assessment of variation in water quality at Right Bank Outfall Drain, including Manchar lake, Sindh, Pakistan. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-23.	3.3	3
43	New Fluorescent, Thermally Stable and Film Forming Polyimines Containing Naphthyl Rings. <i>Acta Chimica Slovenica</i> , 0, , 899-912.	0.6	5