

# Sabir khan

## List of Publications by Year in descending order

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58  
papers

1,243  
citations

361413

20  
h-index

395702

33  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1148  
citing authors

#	ARTICLE	IF	CITATIONS
1	DEVELOPMENT OF AN ELECTROCHEMICAL SENSOR MODIFIED WITH MWCNT-COOH AND MIP FOR DETECTION OF DIURON. <i>Electrochimica Acta</i> , 2015, 182, 122-130.	5.2	85
2	Magnetically separable polymer (Mag-MIP) for selective analysis of biotin in food samples. <i>Food Chemistry</i> , 2016, 190, 460-467.	8.2	76
3	Synthesis and characterization of magnetic-molecularly imprinted polymers for the HPLC-UV analysis of ametryn. <i>Reactive and Functional Polymers</i> , 2018, 122, 175-182.	4.1	66
4	Electrochemical sensors based on biomimetic magnetic molecularly imprinted polymer for selective quantification of methyl green in environmental samples. <i>Materials Science and Engineering C</i> , 2019, 103, 109825.	7.3	62
5	Synthesis and evaluation of a molecularly imprinted polymer for selective adsorption and quantification of Acid Green 16 textile dye in water samples. <i>Talanta</i> , 2017, 170, 244-251.	5.5	56
6	Performance evaluation of photolytic and electrochemical oxidation processes for enhanced degradation of food dyes laden wastewater. <i>Water Science and Technology</i> , 2020, 81, 971-984.	2.5	53
7	Application of ultrasonically modified cloud point extraction method for simultaneous enrichment of cadmium and lead in sera of different types of gallstone patients. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 313-320.	8.2	50
8	Current developments on the application of microbial carotenoids as an alternative to synthetic pigments. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 6932-6946.	10.3	39
9	Preparation of crosslinked chitosan magnetic membrane for cations sorption from aqueous solution. <i>Water Science and Technology</i> , 2017, 75, 2034-2046.	2.5	38
10	Synthesis, characterization, and evaluation of a selective molecularly imprinted polymer for quantification of the textile dye acid violet 19 in real water samples. <i>Journal of Hazardous Materials</i> , 2020, 384, 121374.	12.4	36
11	Computational and statistical modeling for parameters optimization of electrochemical decontamination of synozol red dye wastewater. <i>Chemosphere</i> , 2020, 253, 126673.	8.2	36
12	Evaluation of the performance of selective M-MIP to tetracycline using electrochemical and HPLC-UV method. <i>Materials Chemistry and Physics</i> , 2020, 245, 122777.	4.0	35
13	A novel core@shell magnetic molecular imprinted nanoparticles for selective determination of folic acid in different food samples. <i>Reactive and Functional Polymers</i> , 2016, 106, 51-56.	4.1	34
14	A simple, sensitive and efficient electrochemical platform based on carbon paste electrode modified with Fe <sub>3</sub> O <sub>4</sub> @MIP and graphene oxide for folic acid determination in different matrices. <i>Talanta</i> , 2021, 229, 122258.	5.5	34
15	Silica-based nanomaterials as designer adsorbents to mitigate emerging organic contaminants from water matrices. <i>Journal of Water Process Engineering</i> , 2020, 38, 101675.	5.6	33
16	Electrochemical sensing using magnetic molecularly imprinted polymer particles previously captured by a magneto-sensor. <i>Talanta</i> , 2018, 181, 19-23.	5.5	32
17	Using magnetic nanoparticles/MIP-based electrochemical sensor for quantification of tetracycline in milk samples. <i>Journal of Electroanalytical Chemistry</i> , 2021, 900, 115713.	3.8	28
18	Synthesis, characterization and application of a novel ion hybrid imprinted polymer to adsorb Cd(II) in different samples. <i>Environmental Research</i> , 2020, 187, 109669.	7.5	25

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19	Contamination of Water Resources by Food Dyes and Its Removal Technologies. , 0, , .		23
20	Desulfurization of Model Oil through Adsorption over Activated Charcoal and Bentonite Clay Composites. <i>Chemical Engineering and Technology</i> , 2020, 43, 564-573.	1.5	23
21	Adsorption Characteristics of Magnesium-Modified Bentonite Clay with Respect to Acid Blue 129 in Aqueous Media. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 1947-1953.	1.2	22
22	Brick kiln exhaust as a source of polycyclic aromatic hydrocarbons (PAHs) in the surrounding soil and plants: a case study from the city of Peshawar, Pakistan. <i>Arabian Journal of Geosciences</i> , 2014, 7, 13-19.	1.3	21
23	Evaluation of coal as adsorbent for phosphate removal. <i>Arabian Journal of Geosciences</i> , 2013, 6, 1113-1117.	1.3	20
24	Development of a New Electrochemical Sensor Based on Mag-MIP Selective Toward Amoxicillin in Different Samples. <i>Frontiers in Chemistry</i> , 2021, 9, 615602.	3.6	19
25	Core-shell magnetic molecularly imprinted polymer for selective recognition and detection of sunset yellow in aqueous environment and real samples. <i>Environmental Research</i> , 2022, 212, 113209.	7.5	19
26	Rational Design of an Ion-Imprinted Polymer for Aqueous Methylmercury Sorption. <i>Nanomaterials</i> , 2020, 10, 2541.	4.1	18
27	Retention studies of chromium (VI) from aqueous solution on the surface of a novel carbonaceous material. <i>Arabian Journal of Geosciences</i> , 2013, 6, 4547-4556.	1.3	17
28	Removal of Cr(VI) from aqueous solution using brick kiln chimney waste as adsorbent. <i>Desalination and Water Treatment</i> , 2015, 53, 373-381.	1.0	16
29	Synthesis of a new magnetic-MIP for the selective detection of 1-chloro-2,4-dinitrobenzene, a highly allergenic compound. <i>Materials Science and Engineering C</i> , 2017, 74, 365-373.	7.3	16
30	Process modeling toward higher degradation and minimum energy consumption of an electrochemical decontamination of food dye wastewater. <i>Environmental Technology and Innovation</i> , 2021, 22, 101509.	6.1	16
31	Surface molecularly imprinted core-shell nanoparticles and reflectance spectroscopy for direct determination of tartrazine in soft drinks. <i>Analytica Chimica Acta</i> , 2021, 1159, 338443.	5.4	16
32	Development of magnetic nanoparticles modified with new molecularly imprinted polymer (MIPs) for selective analysis of glutathione. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130171.	7.8	16
33	Next generation of optodes coupling plastic antibody with optical fibers for selective quantification of Acid Green 16. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127553.	7.8	14
34	Multi-object optimization of Navy-blue anodic oxidation via response surface models assisted with statistical and machine learning techniques. <i>Chemosphere</i> , 2022, 291, 132818.	8.2	14
35	Use of HCl-modified bentonite clay for the adsorption of Acid Blue 129 from aqueous solutions. <i>Desalination and Water Treatment</i> , 2016, 57, 8894-8903.	1.0	13
36	Variation of calcium, copper and iron levels in serum, bile and stone samples of patients having different types of gallstone: A comparative study. <i>Clinica Chimica Acta</i> , 2017, 471, 254-262.	1.1	13

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37	Evaluation of the performance of a selective magnetite molecularly imprinted polymer for extraction of quercetin from onion samples. <i>Microchemical Journal</i> , 2021, 162, 105849.	4.5	13
38	Voltammetric sensing of glyphosate in different samples using carbon paste electrode modified with biochar and copper(II) hexadecafluoro-29H,31 phtalocyanine complex. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 761-768.	2.9	11
39	Electrochemical preparation of Nb2O5 nanochannel photoelectrodes for enhanced photoelectrocatalytic performance in removal of RR120 dye. <i>Chemosphere</i> , 2020, 257, 127164.	8.2	10
40	Preparation of a magnetic molecularly imprinted polymer for non-invasive determination of cortisol. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	9
41	Electrochemical Oxidation of Acid Brown 98 using Ti/Ru0.3Ti0.7O2 Composite Anode. <i>International Journal of Electrochemical Science</i> , 2018, 13, 9428-9440.	1.3	8
42	The Druggable Pocketome of <i>Corynebacterium diphtheriae</i> : A New Approach for in silico Putative Druggable Targets. <i>Frontiers in Genetics</i> , 2018, 9, 44.	2.3	8
43	Rapid determination of nitrites in food using a diffuse UV-visible reflectance method. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 1256-1262.	2.3	7
44	Quantitation and Adsorption of Glyphosate Using Various Treated Clay. <i>Zeitschrift Fur Physikalische Chemie</i> , 2017, 231, 1815-1829.	2.8	6
45	Systematic study on the synthesis of novel ion-imprinted polymers based on rhodizionate for the highly selective removal of Pb(II). <i>Reactive and Functional Polymers</i> , 2021, 159, 104805.	4.1	6
46	A novel highly sensitive imprinted polymer-based optical sensor for the detection of Pb(II) in water samples. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100497.	2.9	6
47	Surface facet Fe2O3-based visible light photocatalytic activation of persulfate for the removal of RR120 dye: nonlinear modeling and optimization. <i>Environmental Science and Pollution Research</i> , 2022, 29, 51651-51664.	5.3	5
48	NEW SPECTROPHOTOMETRY METHOD FOR THE DETERMINATION OF MIRTAZAPINE IN PHARMACEUTICAL FORMULATIONS. <i>Journal of the Chilean Chemical Society</i> , 2016, 61, 2913-2915.	1.2	4
49	A Selective Electrochemical Sensor for the Detection of Cd(II) Based on a Carbon Paste Electrode Impregnated with a Novel Ion-imprinted Hybrid Polymer. <i>Electroanalysis</i> , 2021, 33, 1557-1566.	2.9	3
50	First Time Determination of Important Catalyst Sodium Methoxide Used in Biodiesel by Colorimetric Method. <i>Analytical Chemistry</i> , 2018, 90, 3550-3555.	6.5	2
51	A spot test for direct quantification of acid green 16 adsorbed on a molecularly imprinted polymer through diffuse reflectance measurements. <i>Analytical Methods</i> , 2021, 13, 453-461.	2.7	2
52	Self-doping of Nb2O5NC by cathodic polarization for enhanced conductivity properties and photoelectrocatalytic performance. <i>Chemosphere</i> , 2021, 272, 129880.	8.2	2
53	Thermometric Quantitative Selective Analysis of Sodium Methoxide in Methanol Industrial Solutions. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	2
54	Probing the chemical constituents of <i>Cassia javanica</i> and its in vitro analyses as a potent drug. <i>Royal Society Open Science</i> , 2022, 9, 211626.	2.4	2

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55	Flow Injection Analysis System for Screening Organophosphorus Pesticides by their Inhibitory Effect on the Enzyme Acetylcholinesterase. Journal of the Brazilian Chemical Society, 2015, , .	0.6	1
56	Molecularly imprinted polymer composites as sensor. , 2021, , 227-265.		1
57	Using Carbon Paste Electrode Modified with Ion Imprinted Polymer and MWCNT for Electrochemical Quantification of Methylmercury in Natural Water Samples. Biosensors, 2022, 12, 376.	4.7	1
58	Non-toxic nature of nano-biosorbents as a positive approach toward green environment. , 2022, , 187-226.		0