

N Memon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3947741/publications.pdf>

Version: 2024-02-01

79
papers

1,511
citations

361045

20
h-index

344852

36
g-index

80
all docs

80
docs citations

80
times ranked

2154
citing authors

#	ARTICLE	IF	CITATIONS
1	Sawdustâ€”A green and economical sorbent for the removal of cadmium (II) ions. <i>Journal of Hazardous Materials</i> , 2007, 139, 116-121.	6.5	131
2	L-cysteine protected copper nanoparticles as colorimetric sensor for mercuric ions. <i>Talanta</i> , 2014, 130, 415-422.	2.9	106
3	Synthesis Of Air Stable Copper Nanoparticles And Their Use In Catalysis. <i>Advanced Materials Letters</i> , 2014, 5, 191-198.	0.3	96
4	Sawdust: A green and economical sorbent for thallium removal. <i>Chemical Engineering Journal</i> , 2008, 140, 235-240.	6.6	92
5	Ultrasonic-assisted deacetylation of cellulose acetate nanofibers: A rapid method to produce cellulose nanofibers. <i>Ultrasonics Sonochemistry</i> , 2017, 36, 319-325.	3.8	79
6	Preparation and characterization of molecularly imprinted polymer for di(2-ethylhexyl) phthalate: Application to sample clean-up prior to gas chromatographic determination. <i>Journal of Chromatography A</i> , 2012, 1247, 125-133.	1.8	67
7	Coreâ€”shell molecularly imprinted polymer-based solid-phase microextraction fiber for ultra trace analysis of endosulfan I and II in real aqueous matrix through gas chromatographyâ€”micro electron capture detector. <i>Journal of Chromatography A</i> , 2014, 1337, 179-187.	1.8	51
8	Determination of preservatives in cosmetics and food samples by micellar liquid chromatography. <i>Journal of Separation Science</i> , 2005, 28, 635-638.	1.3	49
9	Simultaneous Determination of Quercetin, Rutin, Naringin, and Naringenin in Different Fruits by Capillary Zone Electrophoresis. <i>Food Analytical Methods</i> , 2017, 10, 83-91.	1.3	49
10	An efficient calix[4]arene based silica sorbent for the removal of endosulfan from water. <i>Journal of Hazardous Materials</i> , 2011, 186, 1696-1703.	6.5	38
11	Phenolic Compounds and Seed Oil Composition of <i>Ziziphus mauritiana</i> L. Fruit. <i>Polish Journal of Food and Nutrition Sciences</i> , 2012, 62, 15-21.	0.6	37
12	Assay of phenolic compounds from four species of ber (<i>Ziziphus mauritiana</i> L.) fruits: Comparison of three base hydrolysis procedure for quantification of total phenolic acids. <i>Food Chemistry</i> , 2013, 139, 496-502.	4.2	35
13	Selective, simple and economical lead sensor based on ibuprofen derived silver nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2011, 157, 430-437.	4.0	34
14	Disposable screen printed graphite electrode for the direct electrochemical determination of ibuprofen in surface water. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2014, 1-2, 8-13.	1.7	31
15	Synthesis and Application of a New Calix[4]arene Based Impregnated Resin for the Removal of Endosulfan from an Aqueous Environment. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 3336-3345.	1.0	30
16	Decontamination of ofloxacin: optimization of removal process onto sawdust using response surface methodology. <i>Desalination and Water Treatment</i> , 0, , 1-9.	1.0	30
17	Molecularly imprinted surface plasmon resonance (SPR) based sensing of bisphenol A for its selective detection in aqueous systems. <i>Analytical Methods</i> , 2015, 7, 4661-4670.	1.3	28
18	Micelle-mediated extraction of chlorogenic acid from <i>Morus laevigata</i> W. leaves. <i>Separation and Purification Technology</i> , 2010, 76, 179-183.	3.9	24

#	ARTICLE	IF	CITATIONS
19	Evaluation of chromium(VI) sorption efficiency of modified Amberlite XAD-4 resin. <i>Arabian Journal of Chemistry</i> , 2017, 10, S1111-S1118.	2.3	24
20	Dichromate Extraction by Calix[4]arene Appended Amberlite XAD-4 Resin. <i>Separation Science and Technology</i> , 2014, 49, 664-672.	1.3	23
21	Synthesis and characterization of molecularly imprinted polymer embedded composite cryogel discs: application for the selective extraction of cypermethrins from aqueous samples prior to GC-MS analysis. <i>RSC Advances</i> , 2015, 5, 26604-26615.	1.7	23
22	Schiff Bases as Chelating Reagents for Metal Ions Analysis. <i>Current Analytical Chemistry</i> , 2014, 10, 393-417.	0.6	23
23	Prospects of fatty acid profile and bioactive composition from lipid seeds for the discrimination of apple varieties with the application of chemometrics. <i>Grasas Y Aceites</i> , 2012, 63, 175-183.	0.3	20
24	Solid waste-derived biodegradable keratin sponges for removal of chromium: A circular approach for waste management in leather industry. <i>Environmental Technology and Innovation</i> , 2020, 20, 101120.	3.0	20
25	Impact of flour particle size on nutrient and phenolic acid composition of commercial wheat varieties. <i>Journal of Food Composition and Analysis</i> , 2020, 86, 103358.	1.9	19
26	New Calix[4]arene Appended Amberlite XAD-4 Resin with Versatile Perchlorate Removal Efficiency. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2819-2827.	1.0	17
27	Quantitative separation of hesperidin, chrysin, epicatechin, epigallocatechin gallate, and morin using ionic liquid as a buffer additive in capillary electrophoresis. <i>Electrophoresis</i> , 2018, 39, 1606-1612.	1.3	16
28	Multi-component quantitation of loratadine, pseudoephedrine and paracetamol in plasma and pharmaceutical formulations with liquid chromatography-tandem mass spectrometry utilizing a monolithic column. <i>Quimica Nova</i> , 2012, 35, 1950-1954.	0.3	15
29	Highly sensitive, selective and stable multi-metal ions sensor based on ibuprofen capped mercury nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 745-751.	4.0	14
30	Ionic Liquid Modified Resin for the Adsorptive Removal of Dibutyl Phthalate: Equilibrium, Kinetic, and Thermodynamic Studies. <i>Clean - Soil, Air, Water</i> , 2012, 40, 630-639.	0.7	14
31	The efficacy of the Nafion® blended CTAB protected Au nanoparticles for the electrochemical detection of tramadol in wastewater: A parametric investigation. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 3825-3834.	3.3	14
32	Synthesis and Characterizations of Highly Efficient Copper Nanoparticles and their Use in Ultra Fast Catalytic Degradation of Organic Dyes. <i>Advanced Materials Research</i> , 2013, 829, 93-99.	0.3	13
33	Gelatin-loaded p(HEMA-GMA) cryogel for high-capacity immobilization of horseradish peroxidase. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1708-1713.	1.9	13
34	Removal of emerging contaminants from water by using Fe-MOF composite as a sorbent. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 3249.	1.2	13
35	LC/UV determination of cefradine, cefuroxime, and cefotaxime in dairy milk, human serum and wastewater samples. <i>SpringerPlus</i> , 2013, 2, 575.	1.2	12
36	Large-Volume Sample Staking of Rice Polyphenols Prior to Their Determination by Non-aqueous Capillary Electrophoresis. <i>Food Analytical Methods</i> , 2016, 9, 2152-2160.	1.3	12

#	ARTICLE	IF	CITATIONS
37	Evaluation of hydrochar efficiency for simultaneous removal of diclofenac and ibuprofen from aqueous system using surface response methodology. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9796-9804.	2.7	12
38	Determination of Vitamins E, D3, and K1 in Plasma by Liquid Chromatography-Atmospheric Pressure Chemical Ionization-Mass Spectrometry Utilizing a Monolithic Column. <i>Analytical Letters</i> , 2014, 47, 14-24.	1.0	10
39	A highly efficient <i>p</i> -tert-butylcalix[8]arene-based modified silica for the removal of Hexachlorocyclohexane isomers from aqueous media. <i>Desalination and Water Treatment</i> , 2014, 52, 2572-2582.	1.0	10
40	Bis(salicylaldehyde) orthophenylenediamine as complexing reagent in simultaneous determination of gold, chromium, iron, uranyl, and nickel using capillary zone electrophoresis. <i>Acta Chromatographica</i> , 2012, 24, 543-558.	0.7	9
41	Thermally activated mango peels hydrochar for fixed-bed continuous flow decontamination of Pb(II) ions from aqueous solution. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 2835-2850.	1.8	9
42	A Simple and Selective Spectrophotometric Method for the Determination of Trace Gold in Real, Environmental, Biological, Geological and Soil Samples Using Bis (Salicylaldehyde) Orthophenylenediamine. <i>Analytical Chemistry Insights</i> , 2008, 3, ACI.S977.	2.7	8
43	Selectivity of Brij-35 in Micellar Liquid Chromatographic Separation of Positional Isomers. <i>Chromatography Research International</i> , 2012, 2012, 1-6.	0.4	8
44	Recent Trends in Fast Liquid Chromatography for Pharmaceutical Analysis. <i>Current Analytical Chemistry</i> , 2019, 15, 349-372.	0.6	8
45	Modeling of cadmium(II) removal in a fixed bed column utilizing hydrochar-derived activated carbon obtained from discarded mango peels. <i>Scientific Reports</i> , 2022, 12, 8001.	1.6	8
46	2,3-Pyridine dicarboxylic acid functionalized gold nanoparticles: Insight into experimental conditions for Cr ³⁺ sensing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 241-250.	2.0	7
47	Selenium Contents in Different Types of Raw and Processed Meat Products, Consumed Among the General Population of Pakistan. <i>Biological Trace Element Research</i> , 2020, 193, 357-363.	1.9	7
48	A new Schiff's base polymer for remediation of phenol, 2-chlorophenol and 2,4-dichlorophenol from contaminated aqueous systems. <i>Polymer Bulletin</i> , 2020, 77, 2367-2383.	1.7	7
49	An excellent sulfonated hydrothermal carbon catalyst from <i>Mangifera indica</i> L. (mango peels) for biodiesel production: preparation, characterization, optimization, and kinetic study. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 141-151.	2.9	7
50	Exploration of Pb ²⁺ Selective Behavior of Calix[6]arene Ester Derivative. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008, 45, 1003-1008.	1.2	6
51	A MEKC method for naringenin from natural and biological samples. <i>Analytical Methods</i> , 2015, 7, 4521-4527.	1.3	6
52	Batch to batch variation study for biodiesel production by hydrothermal carbon catalyst: preparation, characterization and its application. <i>Materials Research Express</i> , 2020, 7, 015521.	0.8	6
53	Comparative Study of Electrospray and Atmospheric Pressure Chemical Ionization with Liquid Chromatography-Mass Spectrometry for Quantification of Five Antihyperglycemic Agents Utilizing Monolithic Column. <i>Analytical Letters</i> , 2012, 45, 1947-1959.	1.0	5
54	Extraction and Determination of Phenolic Acids and Vitamin B of Sieved and Unsieved Wheat Grain by MEKC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 143-152.	0.5	5

#	ARTICLE	IF	CITATIONS
55	Evaluation of perchlorate sorption behavior of calix[4]arene appended resin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 76, 55-60.	1.6	4
56	Removal of carbofuran and methylparathion from aqueous media through calix[4]arene-based impregnated resin. <i>Desalination and Water Treatment</i> , 2015, 54, 802-812.	1.0	4
57	Mineral content of Pakistani foods: An update of food composition database of Pakistan through indirect method. <i>Journal of Food Composition and Analysis</i> , 2016, 51, 45-54.	1.9	4
58	The selectivity of poly(2-vinylpyridine- <i>block</i> -methyl methacrylate) copolymer films: an AFM study. <i>RSC Advances</i> , 2019, 9, 16455-16466.	1.7	4
59	TLC-based enantiomeric separation of amino acids onto β -CD-incorporated glutaraldehyde-crosslinked PVA electrospun fiber stationary phase. <i>Acta Chromatographica</i> , 2020, 32, 210-213.	0.7	4
60	A rapid HPLC-DAD method for quantification of amikacin in pharmaceuticals and biological samples using pre-column derivatization with Hantzsch reagent. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 611-620.	1.2	4
61	A Simple and Rapid Spectrophotometric Determination of Trace Level Simple and rapid spectrophotometric determination of trace level chromium using bis (salicylaldehyde) orthophenylenediamine in nonionic micellar media. <i>Turkish Journal of Chemistry</i> , 0, , .	0.5	4
62	Selective adsorption of emerging contaminants from aqueous solution using Cu-based composite by solvothermal. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 11161-11168.	1.8	4
63	Single-Channel Flow Injection Spectrophotometric Determination of Nickel Using Furildioxime in Micellar Solution. <i>Scientific World Journal, The</i> , 2012, 2012, 1-5.	0.8	3
64	An efficient p-tetranitrocalix[4]arene based adsorbent for the removal of carbofuran from aqueous media. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1599-1608.	1.2	3
65	Utilization of Organized Surfactant Assemblies as Solvents in Flow Injection Analysis with emphasis to Automated Derivatization of Organic Analytes. <i>Current Analytical Chemistry</i> , 2014, 10, 338-348.	0.6	3
66	A Novel Micellar Electrokinetic Chromatographic Method for Separation of Metal-DDTC Complexes. <i>Scientific World Journal, The</i> , 2012, 2012, 1-8.	0.8	2
67	Reversed-Phase Liquid Chromatographic Separation and Determination of Ni(II), Cu(II), Pd(II), and Ag(I) Using 2-Pyrrolicarboxaldehyde-4-phenylsemicarbazone as a Complexing Reagent. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	0.9	2
68	Frangipani. , 2020, , 287-300.		2
69	Synthesis of metal organic framework (MOF-5) embedded cryogel composite and its application for the extraction and determination of cholesterol from milk samples. <i>European Journal of Chemistry</i> , 2021, 12, 45-51.	0.3	2
70	Validated RP-HPLC Method Development for Gentamicin Microanalysis in Pharmaceutical Dosage Forms, Urine and Blood. <i>Pharmaceutical Chemistry Journal</i> , 2021, 55, 524-530.	0.3	2
71	Materials and Technologies for the Removal of Chromium from Aqueous Systems. <i>Sustainable Agriculture Reviews</i> , 2020, , 113-177.	0.6	2
72	Characterization and capacitive performance assessment of potato peels derived salt-induced porous carbons. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	2

#	ARTICLE	IF	CITATIONS
73	Utilization of Picolinaldehyde-4-phenyl-3-thiosemicarbazone in Sodium Dodecylsulfate Micelles for the Spectrophotometric Determination of Iron, Vanadium, and Cobalt Following Partial Least-Squares Regression Analysis. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 248-256.	0.7	1
74	Synthesis and Dichromate Extraction Study of Calix[4]arene Derivative. <i>Polycyclic Aromatic Compounds</i> , 2014, 34, 103-114.	1.4	1
75	Preparation, characterization, and binding profile of imprinted semi-IPN cryogel composite for aluminum. <i>Turkish Journal of Chemistry</i> , 2020, 44, 901-922.	0.5	1
76	Abiotic Degradation of Imidacloprid Pesticide with L-Threonine Capped Nickel Nanoparticles. <i>Science of Advanced Materials</i> , 2021, 13, 2043-2048.	0.1	1
77	Length-weight relationships (LWRs) of <i>Wallago attu</i> (Bloch and Schneider) from Manchar Lake Jamshoro, Sindh, Pakistan. <i>Journal of Applied Ichthyology</i> , 2013, 29, 1172-1172.	0.3	0
78	Correction to New Calix[4]arene Appended Amberlite XAD-4 Resin with Versatile Perchlorate Removal Efficiency. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 2132-2132.	1.0	0
79	Comparative Analyses of Few West Turkish Varieties of Pomegranate (<i>Punica granatum L.</i>) Peels for Phenolic Content Using Liquid Chromatography. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 3941-3957.	1.4	0