

# Muhammad Iqbal Bhangar

## List of Publications by Year in descending order

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46  
papers

1,572  
citations

304743

22  
h-index

302126

39  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemical factors controlling the occurrence of high fluoride groundwater in the Nagar Parkar area, Sindh, Pakistan. <i>Journal of Hazardous Materials</i> , 2009, 171, 424-430.	12.4	183
2	Interprovenance variation in the composition of <i>Moringa oleifera</i> oilseeds from Pakistan. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2005, 82, 45-51.	1.9	162
3	Enhancement of the oxidative stability of some vegetable oils by blending with <i>Moringa oleifera</i> oil. <i>Food Chemistry</i> , 2007, 103, 1181-1191.	8.2	113
4	A review on detection of heavy metals from aqueous media using nanomaterial-based sensors. <i>Environmental Science and Pollution Research</i> , 2021, 28, 58994-59002.	5.3	102
5	Geochemical controls of high fluoride groundwater in Umarkot Sub-District, Thar Desert, Pakistan. <i>Science of the Total Environment</i> , 2015, 530-531, 271-278.	8.0	95
6	Recent Applications of Molecularly Imprinted Polymers in Analytical Chemistry. <i>Separation and Purification Reviews</i> , 2019, 48, 179-219.	5.5	72
7	Differential pulse voltammetric determination of paracetamol in tablet and urine samples at a micro-crystalline natural graphite-polystyrene composite film modified electrode. <i>Electrochimica Acta</i> , 2013, 101, 238-242.	5.2	69
8	Salicylaldehyde derivative of nano-chitosan as an efficient adsorbent for lead(II), copper(II), and cadmium(II) ions. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 643-652.	7.5	65
9	A rapid Fourier-transform infrared (FTIR) spectroscopic method for direct quantification of paracetamol content in solid pharmaceutical formulations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 141, 64-70.	3.9	61
10	ANTIOXIDANT POTENTIAL OF DESI CHICKPEA VARIETIES COMMONLY CONSUMED IN PAKISTAN. <i>Journal of Food Lipids</i> , 2008, 15, 326-342.	1.0	49
11	Microwave-assisted synthesis of imprinted polymer for selective removal of arsenic from drinking water by applying Taguchi statistical method. <i>European Polymer Journal</i> , 2018, 109, 133-142.	5.4	46
12	Antioxidant potential of rice bran extracts and its effects on stabilisation of cookies under ambient storage. <i>International Journal of Food Science and Technology</i> , 2008, 43, 779-786.	2.7	45
13	Electrolytic recovery of chromium salts from tannery wastewater. <i>Journal of Hazardous Materials</i> , 2007, 148, 560-565.	12.4	43
14	Changes in Composition and Antioxidant and Antimicrobial Activities of Essential Oil of Fennel ( <i>Foeniculum vulgare</i> Mill.) Fruit at Different Stages of Maturity. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2009, 15, 187-202.	1.1	36
15	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.	8.2	35
16	Polystyrene-block-poly(2-vinylpyridine)-conjugated silver nanoparticles as colorimetric sensor for quantitative determination of Cartap in aqueous media and blood plasma. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 878-887.	7.8	35
17	Banana peel: an effective biosorbent for aflatoxins. <i>Food Additives and Contaminants - Part A: Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 849-860.	2.3	30
18	Fabrication of cadmium tagged novel ion imprinted polymer for detoxification of the toxic Cd <sup>2+</sup> ion from aqueous environment. <i>Microchemical Journal</i> , 2020, 158, 105247.	4.5	30

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19	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.	2.7	28
20	Are bioactive-rich fractions functionally richer?. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 585-593.	9.0	26
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.	3.6	23
22	Fatty acid (FA) composition and contents of transunsaturated FA in hydrogenated vegetable oils and blended fats from Pakistan. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2004, 81, 129-134.	1.9	22
23	Erucic acid evaluation in rapeseed and canola oil by Fourier transform-infrared spectroscopy. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 535-540.	1.5	17
24	Poly(propylene glycol) stabilized gold nanoparticles: An efficient colorimetric assay for ceftriaxone. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 87, 180-186.	5.8	17
25	Molecular imprinting-based extraction of rosmarinic acid from <i>Salvia hypoleuca</i> extract. <i>Reactive and Functional Polymers</i> , 2021, 166, 104984.	4.1	17
26	A new simple sensitive differential pulse polarographic method for the determination of acrylamide in aqueous solution. <i>Talanta</i> , 2008, 74, 1608-1614.	5.5	13
27	Essential oil constituents in fruit and stem of <i>Calligonum polygonoides</i> . <i>Industrial Crops and Products</i> , 2013, 45, 293-295.	5.2	13
28	Gelatin-loaded p(HEMA-GMA) cryogel for high-capacity immobilization of horseradish peroxidase. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1708-1713.	2.8	13
29	Preparation of novel arsenic-imprinted polymer for the selective extraction and enhanced adsorption of toxic As <sup>3+</sup> ions from the aqueous environment. <i>Polymer Bulletin</i> , 2020, 77, 5261-5279.	3.3	12
30	Colorimetric sensing of cephadrine through polypropylene glycol functionalized gold nanoparticles. <i>Royal Society Open Science</i> , 2021, 8, 210185.	2.4	12
31	Determination of selenium content in selected Pakistani foods. <i>International Journal of Food Science and Technology</i> , 2008, 43, 339-345.	2.7	11
32	Determination of Tranexamic Acid Using Ethyl Chloroformate as Derivatizing Reagent in Pharmaceutical Preparations and Blood by GC. <i>Chromatographia</i> , 2009, 70, 1749-1754.	1.3	9
33	Investigation of Dissipation, Adsorption, Degradation, and Leaching of Triazophos Pesticide in Various Soils. <i>Polycyclic Aromatic Compounds</i> , 2016, 36, 229-241.	2.6	9
34	Selective and efficient extraction of cationic dyes from industrial effluents through polymer inclusion membrane. <i>Separation and Purification Technology</i> , 2021, 272, 118883.	7.9	9
35	Detection of lard contamination in five different edible oils by FT-IR spectroscopy using a partial least squares calibration model. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1098-1108.	1.2	8
36	Recent Trends in Fast Liquid Chromatography for Pharmaceutical Analysis. <i>Current Analytical Chemistry</i> , 2019, 15, 349-372.	1.2	8

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37	Trace Level Colorimetric Hg <sup>2+</sup> Sensor Driven by Citrus japonica Leaf Extract Derived Silver Nanoparticles: Green Synthesis and Application. Journal of Cluster Science, 2022, 33, 1865-1875.	3.3	6
38	Isolation and characterization of steroids from Calligonum polygonoides. Journal of Pharmacy Research, 2013, 6, 346-349.	0.4	5
39	Impact of Seawater on Distribution of Fluoride and Other Ions in Groundwater of Diplo Area, Thar Desert Pakistan. Water Environment Research, 2013, 85, 579-586.	2.7	5
40	Determination of Ochratoxin A in Poultry Feed by High-Performance Liquid Chromatography with a Monolithic Column. Analytical Letters, 2015, 48, 396-407.	1.8	4
41	Mineral content of Pakistani foods: An update of food composition database of Pakistan through indirect method. Journal of Food Composition and Analysis, 2016, 51, 45-54.	3.9	4
42	A Study on the Determination of Mineral Elements in Jamun Fruit (Eugenia jambolana) Products. Pakistan Journal of Nutrition, 2012, 11, 181-186.	0.2	4
43	Synthesis and characterization of poly (2-acrylamido-2-methylpropane sulfonic acid functionalized graphene oxide embedded electrolyte membrane using DOE for PEMFC). International Journal of Energy Research, 2020, 44, 10354-10377.	4.5	3
44	Synthesis, characterisation and supramolecular interaction of Rh-biphenylic-imidazole-phenanthroline with antibiotics. Supramolecular Chemistry, 2014, 26, 777-782.	1.2	1
45	Preparation, characterization, and binding profile of imprinted semi-IPN cryogel composite for aluminum. Turkish Journal of Chemistry, 2020, 44, 901-922.	1.2	1
46	Extraction of Fat and Fatty Acid Composition from Slaughterhouse Waste by Evaluating Conventional Analytical Methods. American Journal of Analytical Chemistry, 2021, 12, 202-225.	0.9	1