

# Mohammad Rizwan Khan

## List of Publications by Year in descending order

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127  
papers

4,379  
citations

109137

35  
h-index

133063

59  
g-index

131  
all docs

131  
docs citations

131  
times ranked

3857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Linked Chitosan-Glyoxal/Kaolin Clay Composite: Parametric Optimization for Color Removal and COD Reduction of Remazol Brilliant Blue R Dye. <i>Journal of Polymers and the Environment</i> , 2022, 30, 164-178.	2.4	74
2	Inhibitory effect of culinary herbs Za'atar (blend of thyme, sesame seeds and sumac) marinades on the formation of polar and non-polar heterocyclic amines carcinogen in fried beef patties: Determination by SPE/UPLC-MS/MS. <i>Journal of King Saud University - Science</i> , 2022, 34, 101821.	1.6	2
3	Quantitative Estimation of Protein in Sprouts of <i>Vigna radiate</i> (Mung Beans), <i>Lens culinaris</i> (Lentils), and <i>Cicer arietinum</i> (Chickpeas) by Kjeldahl and Lowry Methods. <i>Molecules</i> , 2022, 27, 814.	1.7	27
4	Effect of silver incorporation on the photocatalytic degradation of Reactive Red 120 using ZnS nanoparticles under UV and solar light irradiation. <i>Environmental Research</i> , 2022, 209, 112819.	3.7	15
5	Heavy Metal Ions Removal from Aqueous Solutions by Treated Ajwa Date Pits: Kinetic, Isotherm, and Thermodynamic Approach. <i>Polymers</i> , 2022, 14, 914.	2.0	51
6	Techno-economic analysis of an integrated electrocoagulation-membrane system in treatment of palm oil mill effluent. <i>Journal of King Saud University - Science</i> , 2022, 34, 102015.	1.6	3
7	CRISPR-Cas14a-integrated strand displacement amplification for rapid and isothermal detection of cholangiocarcinoma associated circulating microRNAs. <i>Analytica Chimica Acta</i> , 2022, 1205, 339763.	2.6	20
8	Physicochemical and antioxidant properties of <i>Lycium barbarum</i> seed dreg polysaccharides prepared by continuous extraction. <i>Food Chemistry: X</i> , 2022, 14, 100282.	1.8	19
9	Label-Free Detection of Transgenic Crops Using an Isothermal Amplification Reporting CRISPR/Cas12 Assay. <i>ACS Synthetic Biology</i> , 2022, 11, 317-324.	1.9	26
10	Dioxins and dioxin-like compounds in meat and meat products. <i>Teori &amp; Praktek Pererabotki M&amp;#228;sa</i> , 2022, 7, 4-15.	0.2	0
11	Fabrication of novel Ce <sub>2</sub> (WO <sub>4</sub> ) <sub>3</sub> /ZnO@GO nanocomposite for superior photocatalytic performance under visible light and supercapacitor applications. <i>Diamond and Related Materials</i> , 2022, 125, 109026.	1.8	3
12	Multi-Element Analysis and Origin Discrimination of <i>Panax notoginseng</i> Based on Inductively Coupled Plasma Tandem Mass Spectrometry (ICP-MS/MS). <i>Molecules</i> , 2022, 27, 2982.	1.7	7
13	Quantitative assessment of phosphate food additive in frozen and chilled chicken using spectrophotometric approach combined with graphitic digestion. <i>Food Chemistry</i> , 2022, 389, 133050.	4.2	6
14	Effect of Mn Concentration on the Structural, Ferroelectric, Optical, and Magnetic Properties of BiFeO <sub>3</sub> Nanoparticles. <i>Crystals</i> , 2022, 12, 704.	1.0	2
15	Interaction between Gelatin and Mulberry Leaf Polysaccharides in Miscible System: Physicochemical Characteristics and Rheological Behavior. <i>Foods</i> , 2022, 11, 1571.	1.9	5
16	Edible Xanthan/Propolis Coating and Its Effect on Physicochemical, Microbial, and Sensory Quality Indices in Mackerel Tuna ( <i>Euthynnus affinis</i> ) Fillets during Chilled Storage. <i>Gels</i> , 2022, 8, 405.	2.1	6
17	Aggregation, interaction and thermodynamic characteristics of cationic surfactant + mofloxacin hydrochloride mixture in aquatic solutions of mono-/di-hydroxy compounds. <i>Molecular Physics</i> , 2021, 119, e1849839.	0.8	18
18	Charge storage in binder-free 2D-hexagonal CoMoO <sub>4</sub> nanosheets as a redox active material for pseudocapacitors. <i>Ceramics International</i> , 2021, 47, 8659-8667.	2.3	99

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19	Label-free DNzyme assays for dually amplified and one-pot detection of lead pollution. <i>Journal of Hazardous Materials</i> , 2021, 406, 124790.	6.5	31
20	Ultra-performance liquid chromatography/tandem mass spectrometry for the trace-level identification of perchlorate in filtered drinking water treated with ozonation and chlorination disinfection processes. <i>Journal of King Saud University - Science</i> , 2021, 33, 101267.	1.6	2
21	Light-up RNA aptamer signaling-CRISPR-Cas13a-based mix-and-read assays for profiling viable pathogenic bacteria. <i>Biosensors and Bioelectronics</i> , 2021, 176, 112906.	5.3	66
22	Synthesis of novel cycloheptylbenzothiazole-2-carboxamides and biological evaluation as human estrogen receptor modulators. <i>Journal of Molecular Structure</i> , 2021, 1227, 129516.	1.8	1
23	Shrimp as a substantial source of carcinogenic heterocyclic amines. <i>Food Research International</i> , 2021, 140, 109977.	2.9	8
24	Design, structural investigations and antimicrobial activity of pyrazole nucleating copper and zinc complexes. <i>Polyhedron</i> , 2021, 195, 114991.	1.0	32
25	Fabrication of Schiff's Base Chitosan-Glutaraldehyde/Activated Charcoal Composite for Cationic Dye Removal: Optimization Using Response Surface Methodology. <i>Journal of Polymers and the Environment</i> , 2021, 29, 2855-2868.	2.4	65
26	Electro-Oxidation of Ammonia over Copper Oxide Impregnated $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Nanocatalysts. <i>Coatings</i> , 2021, 11, 313.	1.2	38
27	Trace analysis of environmental endocrine disrupting contaminant bisphenol A in canned, glass and polyethylene terephthalate plastic carbonated beverages of diverse flavors and origin. <i>Food Science and Technology</i> , 2021, 41, 210-217.	0.8	4
28	High surface area and mesoporous activated carbon from KOH-activated dragon fruit peels for methylene blue dye adsorption: Optimization and mechanism study. <i>Chinese Journal of Chemical Engineering</i> , 2021, 32, 281-290.	1.7	206
29	Heavy Metals in Acrylic Color Paints Intended for the School Children Use: A Potential Threat to the Children of Early Age. <i>Molecules</i> , 2021, 26, 2375.	1.7	16
30	Fabrication of magnetic nanoparticles supported ionic liquid catalyst for transesterification of vegetable oil to produce biodiesel. <i>Journal of Molecular Liquids</i> , 2021, 330, 115648.	2.3	10
31	Blueberry, raspberry, and strawberry extracts reduce the formation of carcinogenic heterocyclic amines in fried camel, beef and chicken meats. <i>Food Control</i> , 2021, 123, 107852.	2.8	36
32	Magnetic Chitosan-Glutaraldehyde/Zinc Oxide/Fe <sub>3</sub> O <sub>4</sub> Nanocomposite: Optimization and Adsorptive Mechanism of Remazol Brilliant Blue R Dye Removal. <i>Journal of Polymers and the Environment</i> , 2021, 29, 3932-3947.	2.4	111
33	Synthesis of Schiff's base magnetic crosslinked chitosan-glyoxal/ZnO/Fe <sub>3</sub> O <sub>4</sub> nanoparticles for enhanced adsorption of organic dye: Modeling and mechanism study. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 20, 100379.	1.6	56
34	UPLC-ESI/MS analysis of disinfection by-products (perchlorate, bromate, nitrate, nitrite and sulfite) in micro-filtered drinking water obtained from spring, well and tap water (desalinated) sources. <i>Journal of King Saud University - Science</i> , 2021, 33, 101408.	1.6	8
35	<sc>Pongamia pinnata</sc> shell powder filled sisal/kevlar hybrid composites: <sc>Physicomechanical</sc> and morphological characteristics. <i>Polymer Composites</i> , 2021, 42, 4434-4447.	2.3	43
36	Current Developments and Trends in the Liquid Chromatography-Mass Spectrometry Study of Food Integrity and Authenticity. , 2021, , 25-41.		1

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37	Bisphenol A leaches from packaging to fruit juice commercially available in markets. <i>Food Packaging and Shelf Life</i> , 2021, 28, 100678.	3.3	14
38	Polyaniline-Graphitic Carbon Nitride Based Nano-Electrocatalyst for Fuel Cell Application: A Green Approach with Synergistic Enhanced Behaviour. <i>Macromolecular Research</i> , 2021, 29, 411-417.	1.0	19
39	Removal of Chromium(III) and Cadmium(II) Heavy Metal Ions from Aqueous Solutions Using Treated Date Seeds: An Eco-Friendly Method. <i>Molecules</i> , 2021, 26, 3718.	1.7	15
40	Numerical desirability function for adsorption of methylene blue dye by sulfonated pomegranate peel biochar: Modeling, kinetic, isotherm, thermodynamic, and mechanism study. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 1499-1509.	1.2	83
41	Ratiometric G-Quadruplex Assay for Robust Lead Detection in Food Samples. <i>Biosensors</i> , 2021, 11, 274.	2.3	13
42	CRISPR-Cas12-Based Rapid Authentication of Halal Food. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10321-10328.	2.4	44
43	Amplification Refractory Mutation System (ARMS)-PCR for Waxy Sorghum Authentication with Single-Nucleotide Resolution. <i>Foods</i> , 2021, 10, 2218.	1.9	1
44	G-Quadruplex-Probing CRISPR-Cas12 Assay for Label-Free Analysis of Foodborne Pathogens and Their Colonization <i>In Vivo</i> . <i>ACS Sensors</i> , 2021, 6, 3295-3302.	4.0	44
45	A novel electrodeposited poly(melamine)-palladium nanohybrid catalyst on GCE: Prosperous multi-functional electrode towards methanol and ethanol oxidation. <i>Fuel</i> , 2021, 300, 121005.	3.4	22
46	Evaluation of surface phenomena of magnetic biomass for dye removal via surface modeling. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105953.	3.3	9
47	Interfacial and antibacterial properties of imidazolium based ionic liquids having different counterions with ciprofloxacin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127474.	2.3	15
48	Engineered Hierarchical CuO Nanoleaves Based Electrochemical Nonenzymatic Biosensor for Glucose Detection. <i>Journal of the Electrochemical Society</i> , 2021, 168, 017501.	1.3	83
49	Cellulose Derived Graphene/Polyaniline Nanocomposite Anode for Energy Generation and Bioremediation of Toxic Metals via Benthic Microbial Fuel Cells. <i>Polymers</i> , 2021, 13, 135.	2.0	80
50	Direct Detection of Foodborne Pathogens via a Proximal DNA Probe-Based CRISPR-Cas12 Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12828-12836.	2.4	26
51	Ag-TiO <sub>2</sub> @Pd/C nanocomposites for efficient degradation of Reactive Red 120 dye and ofloxacin antibiotic under UV and solar light and its antimicrobial activity. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106657.	3.3	18
52	Contribution of Oxide Supports in Nickel-Based Catalytic Elimination of Greenhouse Gases and Generation of Syngas. <i>Energies</i> , 2021, 14, 7324.	1.6	6
53	Synthesis of High-Performance Aqueous Fluorescent Nanodispersions for Textile Printing—A Study of Influence of Moles Ratio on Fastness Properties. <i>Molecules</i> , 2021, 26, 7075.	1.7	1
54	Zn(II) complex derived from bidentate Schiff base ligand: Synthesis, characterization, DFT studies and evaluation of anti-inflammatory activity. <i>Journal of Molecular Structure</i> , 2020, 1201, 127177.	1.8	28

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55	Trace identification of endocrine-disrupting bisphenol A in drinking water by solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of King Saud University - Science</i> , 2020, 32, 1634-1640.	1.6	24
56	High-performance SERS detection of pesticides using BiOCl-BiOBr@Pt/Au hybrid nanostructures on styrofoams as 3D functional substrate. <i>Mikrochimica Acta</i> , 2020, 187, 580.	2.5	14
57	Structure-Based Screening of DNA GyraseB Inhibitors for Therapeutic Applications in Tuberculosis: a Pharmacoinformatics Study. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 1107-1123.	1.4	3
58	Dinuclear uranium(vi) salen coordination compound: an efficient visible-light-active catalyst for selective reduction of CO <sub>2</sub> to methanol. <i>Dalton Transactions</i> , 2020, 49, 17243-17251.	1.6	9
59	Simultaneous Determination of Isothiazolinones and Parabens in Cosmetic Products Using Solid-Phase Extraction and Ultra-High Performance Liquid Chromatography/Diode Array Detector. <i>Pharmaceuticals</i> , 2020, 13, 412.	1.7	8
60	Dinuclear uranyl coordination compound: Structural investigations and selective fluorescence sensing properties. <i>Polyhedron</i> , 2020, 189, 114745.	1.0	9
61	Trace identification of sulfate anion in bottled and metropolitan water samples collected from various provinces of Saudi Arabia. <i>Journal of King Saud University - Science</i> , 2020, 32, 1986-1992.	1.6	9
62	Assessment of inorganic ion in drinking water using new method based on ultra-performance liquid chromatography-mass spectrometry. <i>Journal of King Saud University - Science</i> , 2020, 32, 2329-2335.	1.6	4
63	Preparation of a hydrophobic cerium oxide nanoparticle coating with polymer binder via a facile solution route. <i>Ceramics International</i> , 2020, 46, 12209-12215.	2.3	5
64	Tunable Color Coating of E-Textiles by Atomic Layer Deposition of Multilayer TiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> Films. <i>Langmuir</i> , 2020, 36, 2794-2801.	1.6	17
65	Solvent extraction and gas chromatography-mass spectrometric determination of probable carcinogen 1,4-dioxane in cosmetic products. <i>Scientific Reports</i> , 2020, 10, 5214.	1.6	11
66	Insights into the modeling, characterization and adsorption performance of mesoporous activated carbon from corn cob residue via microwave-assisted H <sub>3</sub> PO <sub>4</sub> activation. <i>Surfaces and Interfaces</i> , 2020, 21, 100688.	1.5	77
67	Effects of Al Precursors on Deposition Selectivity of Atomic Layer Deposition of Al <sub>2</sub> O <sub>3</sub> Using Ethanethiol Inhibitor. <i>Chemistry of Materials</i> , 2020, 32, 8921-8929.	3.2	40
68	Highly Sensitive Hydrazine Detection Using a Vertically Oriented ZnO Nanosheet-based Field-Effect Transistor. <i>Journal of the Electrochemical Society</i> , 2020, 167, 167513.	1.3	26
69	Removal color from Palm Oil Mill Effluent (POME): Electrocoagulation Method vs Microfiltration using Nanofiber Membrane. <i>International Journal of Electrochemical Science</i> , 2020, 15, 11283-11293.	0.5	7
70	A simple solvent extraction and ultra-performance liquid chromatography-tandem mass spectrometric method for the identification and quantification of rhodamine B in commercial lip balm samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 72-77.	2.0	7
71	Emergence of mutagenic/carcinogenic heterocyclic amines in traditional Saudi chicken dishes prepared from local restaurants. <i>Food and Chemical Toxicology</i> , 2019, 132, 110677.	1.8	13
72	Identification of malachite green in industrial wastewater using lignocellulose biomass composite bio-sorbent and UPLC-MS/MS: a green environmental approach. <i>Chemical Engineering Research and Design</i> , 2019, 126, 160-166.	2.7	22

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73	Cooking with elaborate recipes can reduce the formation of mutagenic heterocyclic amines and promote co-mutagenic amines. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 385-395.	1.1	19
74	Synthesis, structural investigations and pharmacological properties of a new zinc complex with a N4-donor Schiff base incorporating 2-pyridyl ring. Inorganica Chimica Acta, 2019, 487, 97-106.	1.2	12
75	Monitoring of acrylamide carcinogen in selected heat-treated foods from Saudi Arabia. Food Science and Biotechnology, 2018, 27, 1209-1217.	1.2	13
76	High current density cation-exchanged SnO <sub>2</sub> •CdSe/ZnSe and SnO <sub>2</sub> •CdSe/SnSe quantum-dot photoelectrochemical cells. New Journal of Chemistry, 2018, 42, 9028-9036.	1.4	5
77	Photoremediation of toxic dye from aqueous environment using monometallic and bimetallic quantum dots based nanocomposites. Journal of Cleaner Production, 2018, 172, 2919-2930.	4.6	140
78	Efficient removal of toxic phosphate anions from aqueous environment using pectin based quaternary amino anion exchanger. International Journal of Biological Macromolecules, 2018, 106, 1-10.	3.6	112
79	An intermittent amyloid phase found in gemini (G5 and G6) surfactant induced $\beta$ -sheet to $\alpha$ -helix transition in concanavalin A protein. Journal of Molecular Liquids, 2018, 269, 796-804.	2.3	22
80	Synthesis, Characterization and Environmental Applications of a New Bio-Composite Gelatin-Zr(IV) Phosphate. Journal of Polymers and the Environment, 2018, 26, 1415-1424.	2.4	17
81	Effect of Natural Food Condiments on Carcinogenic/Mutagenic Heterocyclic Amines Formation in Thermally Processed Camel Meat. Journal of Food Processing and Preservation, 2017, 41, e12819.	0.9	28
82	Occurrence of acrylamide carcinogen in Arabic coffee Qahwa, coffee and tea from Saudi Arabian market. Scientific Reports, 2017, 7, 41995.	1.6	14
83	Efficient removal of coomassie brilliant blue R-250 dye using starch/poly(alginic acid-cl-acrylamide) nanohydrogel. Chemical Engineering Research and Design, 2017, 109, 301-310.	2.7	183
84	Solar-driven photodegradation of 17- $\beta$ -estradiol and ciprofloxacin from waste water and CO <sub>2</sub> conversion using sustainable coal-char/polymeric-g-C <sub>3</sub> N <sub>4</sub> /RGO metal-free nano-hybrids. New Journal of Chemistry, 2017, 41, 10208-10224.	1.4	90
85	Determination of heavy metals in skin-whitening cosmetics using microwave digestion and inductively coupled plasma atomic emission spectrometry. IET Nanobiotechnology, 2017, 11, 597-603.	1.9	28
86	Presence of heterocyclic amine carcinogens in home-cooked and fast-food camel meat burgers commonly consumed in Saudi Arabia. Scientific Reports, 2017, 7, 1707.	1.6	11
87	ZnSe-WO <sub>3</sub> nano-hetero-assembly stacked on Gum ghatti for photo-degradative removal of Bisphenol A: Symbiose of adsorption and photocatalysis. International Journal of Biological Macromolecules, 2017, 104, 1172-1184.	3.6	101
88	Fabrication and characterization of chitosan-crosslinked-poly(alginic acid) nanohydrogel for adsorptive removal of Cr(VI) metal ion from aqueous medium. International Journal of Biological Macromolecules, 2017, 95, 484-493.	3.6	217
89	SOLID PHASE EXTRACTION AND LC-MS/MS METHOD FOR QUANTIFICATION OF VENLAFAXINE AND ITS ACTIVE METABOLITE O-DESMETHYL VENLAFAXINE IN RAT PLASMA. Journal of the Chilean Chemical Society, 2016, 61, 3130-3135.	0.5	2
90	Adsorptive Removal of Toxic Dye Using Fe <sub>3</sub> O <sub>4</sub> •TSC Nanocomposite: Equilibrium, Kinetic, and Thermodynamic Studies. Journal of Chemical & Engineering Data, 2016, 61, 3806-3813.	1.0	204

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91	Water Purification Using Cost Effective Material Prepared from Agricultural Waste: Kinetics, Isotherms, and Thermodynamic Studies. <i>Clean - Soil, Air, Water</i> , 2016, 44, 1036-1045.	0.7	43
92	Bromate removal from water samples using strongly basic anion exchange resin Amberlite IRA-400: kinetics, isotherms and thermodynamic studies. <i>Desalination and Water Treatment</i> , 2016, 57, 5781-5788.	1.0	60
93	Method for the fast determination of bromate, nitrate and nitrite by ultra performance liquid chromatography-mass spectrometry and their monitoring in Saudi Arabian drinking water with chemometric data treatment. <i>Talanta</i> , 2016, 152, 513-520.	2.9	79
94	Nanomorphology-dependent pseudocapacitive properties of NiO electrodes engineered through a controlled potentiodynamic electrodeposition process. <i>RSC Advances</i> , 2016, 6, 24478-24483.	1.7	34
95	Novel guar gum/Al <sub>2</sub> O <sub>3</sub> nanocomposite as an effective photocatalyst for the degradation of malachite green dye. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 366-374.	3.6	134
96	Simultaneous determination of twenty-five polyphenols in multifloral and cactus honeys using solid-phase extraction and high-performance liquid chromatography with photodiode array detection. <i>European Food Research and Technology</i> , 2016, 242, 943-952.	1.6	26
97	Adsorption of methylene blue on chemically modified pine nut shells in single and binary systems: isotherms, kinetics, and thermodynamic studies. <i>Desalination and Water Treatment</i> , 2016, 57, 15848-15861.	1.0	36
98	Simultaneous determination of monosaccharides and oligosaccharides in dates using liquid chromatography-electrospray ionization mass spectrometry. <i>Food Chemistry</i> , 2015, 176, 487-492.	4.2	55
99	Influence of food condiments on the formation of carcinogenic heterocyclic amines in cooked chicken and determination by LC-MS/MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1-8.	1.1	5
100	Synthesis, characterization, and application of Fe-CNTs nanocomposite for BrO <sub>3</sub> <sup>-</sup> remediation from water samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 26, 218-225.	2.9	16
101	Removal of BrO <sub>3</sub> <sup>-</sup> from drinking water samples using newly developed agricultural waste-based activated carbon and its determination by ultra-performance liquid chromatography-mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15853-15865.	2.7	48
102	Adsorption of methylene blue on strongly basic anion exchange resin (Zerolit DMF): kinetic, isotherm, and thermodynamic studies. <i>Desalination and Water Treatment</i> , 2015, 53, 515-523.	1.0	24
103	Solid phase extraction and ultra performance liquid chromatography-tandem mass spectrometric identification of carcinogenic/mutagenic heterocyclic amines in cooked camel meat. <i>RSC Advances</i> , 2015, 5, 2479-2485.	1.7	28
104	Lanthanum/Cadmium/Polyaniline bimetallic nanocomposite for the photodegradation of organic pollutant. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 1003-1013.	1.3	70
105	Adsorptive removal of nitrate from synthetic and commercially available bottled water samples using De-Acidite FF-IP resin. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3400-3407.	2.9	18
106	Quantitative analysis of bromate in non-alcoholic beer using ultra performance liquid chromatography-electrospray ionization mass spectrometry. <i>Analytical Methods</i> , 2014, 6, 4038.	1.3	10
107	Quantitative determination of methylene blue in environmental samples by solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry: a green approach. <i>RSC Advances</i> , 2014, 4, 34037-34044.	1.7	51
108	Advances in the Analysis of Challenging Food Contaminants. <i>Advances in Molecular Toxicology</i> , 2014, 8, 35-105.	0.4	16

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109	Equilibrium, kinetics and thermodynamic studies for the removal of organophosphorus pesticide using Amberlyst-15 resin: Quantitative analysis by liquid chromatographyâ€“mass spectrometry. Journal of Industrial and Engineering Chemistry, 2014, 20, 4393-4400.	2.9	36
110	Ultra-High-Performance Liquid Chromatography in Food Metabolomics: Food Quality and Authenticity. , 2014, , 67-84.		0
111	A rapid method for the simultaneous determination of l-ascorbic acid and acetylsalicylic acid in aspirin C effervescent tablet by ultra performance liquid chromatographyâ€“tandem mass spectrometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 108, 20-25.	2.0	34
112	An ultra performance liquid chromatography-electrospray ionization-mass spectrometry method for the rapid analysis of nitrate in drinking water. Analytical Methods, 2013, 5, 1225.	1.3	11
113	Analysis of aflatoxins in nonalcoholic beer using liquidâ€“liquid extraction and ultraperformance <sc>LC</sc>â€“<sc>MS</sc>/<sc>MS</sc>. Journal of Separation Science, 2013, 36, 572-577.	1.3	36
114	Synthesis and structural characterization of Pd(II) complexes derived from perimidine ligand and their in vitro antimicrobial studies. Journal of Molecular Structure, 2013, 1047, 48-54.	1.8	25
115	Identification of Seafood as an Important Dietary Source of Heterocyclic Amines by Chemometry and Chromatographyâ€“Mass Spectrometry. Chemical Research in Toxicology, 2013, 26, 1014-1022.	1.7	30
116	Removal of malathion from aqueous solution using De-Acidite FF-IP resin and determination by UPLCâ€“MS/MS: Equilibrium, kinetics and thermodynamics studies. Talanta, 2013, 115, 15-23.	2.9	52
117	Removal of Bromate from Water Using Deâ€“Acidite FFâ€“IP Resin and Determination by Ultraâ€“Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry. Clean - Soil, Air, Water, 2013, 41, 528-533.	0.7	27
118	Determination of capsaicinoids in <sc>C</sc>apsicum species using ultra performance liquid chromatographyâ€“mass spectrometry. Journal of Separation Science, 2012, 35, 2892-2896.	1.3	28
119	SIMULTANEOUS ANALYSIS OF VITAMIN C AND ASPIRIN IN ASPIRIN C EFFERVESCENT TABLETS BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHYâ€“PHOTODIODE ARRAY DETECTOR. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 2454-2461.	0.5	11
120	Determination of bromate in drinking water by ultraperformance liquid chromatographyâ€“tandem mass spectrometry. Journal of Separation Science, 2012, 35, 2538-2543.	1.3	29
121	A Comparative Study on Characterization of Aluminium Tungstate and Surfactant-Based Aluminium Tungstate Cation-Exchangers: Analytical Applications for the Separation of Toxic Metal Ions. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 352-359.	1.9	12
122	Persistent Organic Pollutants: Overview of Their Extraction and Estimation. Sensor Letters, 2012, 10, 698-704.	0.4	5
123	Preparation and characterisation of fried chicken as a laboratory reference material for the analysis of heterocyclic amines. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 1997-2002.	1.2	12
124	Mutagenic heterocyclic amine content in thermally processed offal products. Food Chemistry, 2009, 112, 838-843.	4.2	41
125	New method for the analysis of heterocyclic amines in meat extracts using pressurised liquid extraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2008, 1194, 155-160.	1.8	55
126	Quantitative analysis of some inorganic anions (nitrate and nitrite) in metropolitan and bottled water samples using ultra-performance liquid chromatography/electrospray ionization mass spectrometry. , 0, 103, 232-239.		3



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127	Lithium-ion battery anode with high capacity retention derived from zinc vanadate and holey graphene. International Journal of Energy Research, 0, , .	2.2	2