Mohammad Rizwan Khan

List of Publications by Year
in descending order

127	4,379	109137	133063
papers	citations	35 h-index	59 g-index

131	131	131	3857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	High surface area and mesoporous activated carbon from KOH-activated dragon fruit peels for methylene blue dye adsorption: Optimization and mechanism study. Chinese Journal of Chemical Engineering, 2021, 32, 281-290.	1.7	206
3	Adsorptive Removal of Toxic Dye Using Fe₃O₄â€“TSC Nanocomposite: Equilibrium, Kinetic, and Thermodynamic Studies. Journal of Chemical & Engineering Data, 2016, 61, 3806-3813.	1.0	204
4	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
5	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
6	Novel guar gum/Al2O3 nanocomposite as an effective photocatalyst for the degradation of malachite green dye. International Journal of Biological Macromolecules, 2016, 87, 366-374.	3.6	134
7	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
8	Magnetic Chitosan-Glutaraldehyde/Zinc Oxide/Fe3O4 Nanocomposite: Optimization and Adsorptive Mechanism of Remazol Brilliant Blue R Dye Removal. Journal of Polymers and the Environment, 2021, 29, 3932-3947.	2.4	111
9	ZnSe-WO3 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
10	Charge storage in binder-free 2D-hexagonal CoMoO4 nanosheets as a redox active material for pseudocapacitors. Ceramics International, 2021, 47, 8659-8667.	2.3	99
11	Solar-driven photodegradation of 17-Î²-estradiol and ciprofloxacin from waste water and CO₂ conversion using sustainable coal-char/polymeric-g-C₃N₄/RGO metal-free nano-hybrids. New Journal of Chemistry, 2017, 41, 10208-10224.	1.4	90
12	Numerical desirability function for adsorption of methylene blue dye by sulfonated pomegranate peel biochar: Modeling, kinetic, isotherm, thermodynamic, and mechanism study. Korean Journal of Chemical Engineering, 2021, 38, 1499-1509.	1.2	83
13	Engineered Hierarchical CuO Nanoleaves Based Electrochemical Nonenzymatic Biosensor for Glucose Detection. Journal of the Electrochemical Society, 2021, 168, 017501.	1.3	83
14	Cellulose Derived Graphene/Polyaniline Nanocomposite Anode for Energy Generation and Bioremediation of Toxic Metals via Benthic Microbial Fuel Cells. Polymers, 2021, 13, 135.	2.0	80
15	Method for the fast determination of bromate, nitrate and nitrite by ultra performance liquid chromatographyâ€“mass spectrometry and their monitoring in Saudi Arabian drinking water with chemometric data treatment. Talanta, 2016, 152, 513-520.	2.9	79
16	Insights into the modeling, characterization and adsorption performance of mesoporous activated carbon from corn cob residue via microwave-assisted H3PO4 activation. Surfaces and Interfaces, 2020, 21, 100688.	1.5	77
17	Cross-Linked Chitosan-Glyoxal/Kaolin Clay Composite: Parametric Optimization for Color Removal and COD Reduction of Remazol Brilliant Blue R Dye. Journal of Polymers and the Environment, 2022, 30, 164-178.	2.4	74
18	Lanthanum/Cadmium/Polyaniline bimetallic nanocomposite for the photodegradation of organic pollutant. Iranian Polymer Journal (English Edition), 2015, 24, 1003-1013.	1.3	70

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19	Light-up RNA aptamer signaling-CRISPR-Cas13a-based mix-and-read assays for profiling viable pathogenic bacteria. Biosensors and Bioelectronics, 2021, 176, 112906.	5.3	66
20	Fabrication of Schiffâ€™s Base Chitosan-Glutaraldehyde/Activated Charcoal Composite for Cationic Dye Removal: Optimization Using Response Surface Methodology. Journal of Polymers and the Environment, 2021, 29, 2855-2868.	2.4	65
21	Bromate removal from water samples using strongly basic anion exchange resin Amberlite IRA-400: kinetics, isotherms and thermodynamic studies. Desalination and Water Treatment, 2016, 57, 5781-5788.	1.0	60
22	Synthesis of Schiff's base magnetic crosslinked chitosan-glyoxal/ZnO/Fe3O4 nanoparticles for enhanced adsorption of organic dye: Modeling and mechanism study. Sustainable Chemistry and Pharmacy, 2021, 20, 100379.	1.6	56
23	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
24	Simultaneous determination of monosaccharides and oligosaccharides in dates using liquid chromatographyâ€“electrospray ionization mass spectrometry. Food Chemistry, 2015, 176, 487-492.	4.2	55
25	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
26	Quantitative determination of methylene blue in environmental samples by solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry: a green approach. RSC Advances, 2014, 4, 34037-34044.	1.7	51
27	Heavy Metal Ions Removal from Aqueous Solutions by Treated Ajwa Date Pits: Kinetic, Isotherm, and Thermodynamic Approach. Polymers, 2022, 14, 914.	2.0	51
28	Removal of BrO3 â¯ from drinking water samples using newly developed agricultural waste-based activated carbon and its determination by ultra-performance liquid chromatography-mass spectrometry. Environmental Science and Pollution Research, 2015, 22, 15853-15865.	2.7	48
29	CRISPR-Cas12-Based Rapid Authentication of Halal Food. Journal of Agricultural and Food Chemistry, 2021, 69, 10321-10328.	2.4	44
30	G-Quadruplex-Probing CRISPR-Cas12 Assay for Label-Free Analysis of Foodborne Pathogens and Their Colonization In Vivo. ACS Sensors, 2021, 6, 3295-3302.	4.0	44
31	Water Purification Using Cost Effective Material Prepared from Agricultural Waste: Kinetics, Isotherms, and Thermodynamic Studies. Clean - Soil, Air, Water, 2016, 44, 1036-1045.	0.7	43
32	<scp>Pongamia pinnata</scp> shell powder filled sisal/kevlar hybrid composites: <scp>Physicomechanical</scp> and morphological characteristics. Polymer Composites, 2021, 42, 4434-4447.	2.3	43
33	Mutagenic heterocyclic amine content in thermally processed offal products. Food Chemistry, 2009, 112, 838-843.	4.2	41
34	Effects of Al Precursors on Deposition Selectivity of Atomic Layer Deposition of Al₂O₃ Using Ethanethiol Inhibitor. Chemistry of Materials, 2020, 32, 8921-8929.	3.2	40
35	Electro-Oxidation of Ammonia over Copper Oxide Impregnated Î³-Al2O3 Nanocatalysts. Coatings, 2021, 11, 313.	1.2	38
36	Analysis of aflatoxins in nonalcoholic beer using liquidâ€“liquid extraction and ultraperformance <scp>LC</scp>â€<scp>MS</scp>/<scp>MS</scp>. Journal of Separation Science, 2013, 36, 572-577.	1.3	36

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37	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
38	Adsorption of methylene blue on chemically modified pine nut shells in single and binary systems: isotherms, kinetics, and thermodynamic studies. Desalination and Water Treatment, 2016, 57, 15848-15861.	1.0	36
39	Blueberry, raspberry, and strawberry extracts reduce the formation of carcinogenic heterocyclic amines in fried camel, beef and chicken meats. Food Control, 2021, 123, 107852.	2.8	36
40	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
41	Nanomorphology-dependent pseudocapacitive properties of NiO electrodes engineered through a controlled potentiodynamic electrodeposition process. RSC Advances, 2016, 6, 24478-24483.	1.7	34
42	Design, structural investigations and antimicrobial activity of pyrazole nucleating copper and zinc complexes. Polyhedron, 2021, 195, 114991.	1.0	32
43	Label-free DNAzyme assays for dually amplified and one-pot detection of lead pollution. Journal of Hazardous Materials, 2021, 406, 124790.	6.5	31
44	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
45	Determination of bromate in drinking water by ultraperformance liquid chromatographyâ€“tandem mass spectrometry. Journal of Separation Science, 2012, 35, 2538-2543.	1.3	29
46	Determination of capsaicinoids in <scp>C</scp>apsicum species using ultra performance liquid chromatographyâ€mass spectrometry. Journal of Separation Science, 2012, 35, 2892-2896.	1.3	28
47	Solid phase extraction and ultra performance liquid chromatography-tandem mass spectrometric identification of carcinogenic/mutagenic heterocyclic amines in cooked camel meat. RSC Advances, 2015, 5, 2479-2485.	1.7	28
48	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
49	Determination of heavy metals in skinâ€whitening cosmetics using microwave digestion and inductively coupled plasma atomic emission spectrometry. IET Nanobiotechnology, 2017, 11, 597-603.	1.9	28
50	Zn(II) complex derived from bidentate Schiff base ligand: Synthesis, characterization, DFT studies and evaluation of anti-inflammatory activity. Journal of Molecular Structure, 2020, 1201, 127177.	1.8	28
51	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
52	Quantitative Estimation of Protein in Sprouts of Vigna radiate (Mung Beans), Lens culinaris (Lentils), and Cicer arietinum (Chickpeas) by Kjeldahl and Lowry Methods. Molecules, 2022, 27, 814.	1.7	27
53	Simultaneous determination of twenty-five polyphenols in multifloral and cactus honeys using solid-phase extraction and high-performance liquid chromatography with photodiode array detection. European Food Research and Technology, 2016, 242, 943-952.	1.6	26
54	Highly Sensitive Hydrazine Detection Using a Vertically Oriented ZnO Nanosheet-based Field-Effect Transistor. Journal of the Electrochemical Society, 2020, 167, 167513.	1.3	26

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55	Direct Detection of Foodborne Pathogens via a Proximal DNA Probe-Based CRISPR-Cas12 Assay. Journal of Agricultural and Food Chemistry, 2021, 69, 12828-12836.	2.4	26
56	Label-Free Detection of Transgenic Crops Using an Isothermal Amplification Reporting CRISPR/Cas12 Assay. ACS Synthetic Biology, 2022, 11, 317-324.	1.9	26
57	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
58	Adsorption of methylene blue on strongly basic anion exchange resin (Zerolit DMF): kinetic, isotherm, and thermodynamic studies. Desalination and Water Treatment, 2015, 53, 515-523.	1.0	24
59	Trace identification of endocrine-disrupting bisphenol A in drinking water by solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry. Journal of King Saud University - Science, 2020, 32, 1634-1640.	1.6	24
60	An intermittent amyloid phase found in gemini (G5 and G6) surfactant induced Î²-sheet to Î±-helix transition in concanavalin A protein. Journal of Molecular Liquids, 2018, 269, 796-804.	2.3	22
61	Identification of malachite green in industrial wastewater using lignocellulose biomass composite bio-sorbent and UPLC-MS/MS: a green environmental approach. Chemical Engineering Research and Design, 2019, 126, 160-166.	2.7	22
62	A novel electrodeposited poly(melamine)-palladium nanohybrid catalyst on GCE: Prosperous multi-functional electrode towards methanol and ethanol oxidation. Fuel, 2021, 300, 121005.	3.4	22
63	CRISPR-Cas14a-integrated strand displacement amplification for rapid and isothermal detection of cholangiocarcinoma associated circulating microRNAs. Analytica Chimica Acta, 2022, 1205, 339763.	2.6	20
64	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
65	Polyaniline-Graphitic Carbon Nitride Based Nano-Electrocatalyst for Fuel Cell Application: A Green Approach with Synergistic Enhanced Behaviour. Macromolecular Research, 2021, 29, 411-417.	1.0	19
66	Physicochemical and antioxidant properties of Lycium barbarum seed dreg polysaccharides prepared by continuous extraction. Food Chemistry: X, 2022, 14, 100282.	1.8	19
67	Adsorptive removal of nitrate from synthetic and commercially available bottled water samples using De-Acidite FF-IP resin. Journal of Industrial and Engineering Chemistry, 2014, 20, 3400-3407.	2.9	18
68	Aggregation, interaction and thermodynamic characteristics of cationic surfactantâ€‰+â€‰moxifloxacin hydrochloride mixture in aquatic solutions of mono-/di-hydroxy compounds. Molecular Physics, 2021, 119, e1849839.	0.8	18
69	Ag-TiO2@Pd/C nanocomposites for efficient degradation of Reactive Red 120 dye and ofloxacin antibiotic under UV and solar light and its antimicrobial activity. Journal of Environmental Chemical Engineering, 2021, 9, 106657.	3.3	18
70	Tunable Color Coating of E-Textiles by Atomic Layer Deposition of Multilayer TiO₂/Al₂O₃ Films. Langmuir, 2020, 36, 2794-2801.	1.6	17
71	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
72	Advances in the Analysis of Challenging Food Contaminants. Advances in Molecular Toxicology, 2014, 8, 35-105.	0.4	16

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73	Synthesis, characterization, and application of Fe-CNTs nanocomposite for BrO3â˜ remediation from water samples. Journal of Industrial and Engineering Chemistry, 2015, 26, 218-225.	2.9	16
74	Heavy Metals in Acrylic Color Paints Intended for the School Children Use: A Potential Threat to the Children of Early Age. Molecules, 2021, 26, 2375.	1.7	16
75	Removal of Chromium(III) and Cadmium(II) Heavy Metal Ions from Aqueous Solutions Using Treated Date Seeds: An Eco-Friendly Method. Molecules, 2021, 26, 3718.	1.7	15
76	Interfacial and antibacterial properties of imidazolium based ionic liquids having different counterions with ciprofloxacin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 629, 127474.	2.3	15
77	Effect of silver incorporation on the photocatalytic degradation of Reactive Red 120 using ZnS nanoparticles under UV and solar light irradiation. Environmental Research, 2022, 209, 112819.	3.7	15
78	Occurrence of acrylamide carcinogen in Arabic coffee Qahwa, coffee and tea from Saudi Arabian market. Scientific Reports, 2017, 7, 41995.	1.6	14
79	High-performance SERS detection of pesticides using BiOCl-BiOBr@Pt/Au hybrid nanostructures on styrofoams as 3D functional substrate. Mikrochimica Acta, 2020, 187, 580.	2.5	14
80	Bisphenol A leaches from packaging to fruit juice commercially available in markets. Food Packaging and Shelf Life, 2021, 28, 100678.	3.3	14
81	Monitoring of acrylamide carcinogen in selected heat-treated foods from Saudi Arabia. Food Science and Biotechnology, 2018, 27, 1209-1217.	1.2	13
82	Emergence of mutagenic/carcinogenic heterocyclic amines in traditional Saudi chicken dishes prepared from local restaurants. Food and Chemical Toxicology, 2019, 132, 110677.	1.8	13
83	Ratiometric G-Quadruplex Assay for Robust Lead Detection in Food Samples. Biosensors, 2021, 11, 274.	2.3	13
84	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
85	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
86	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
87	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
88	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
89	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
90	Solvent extraction and gas chromatographyâ€“mass spectrometric determination of probable carcinogen 1,4-dioxane in cosmetic products. Scientific Reports, 2020, 10, 5214.	1.6	11

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91	Quantitative analysis of bromate in non-alcoholic beer using ultra performance liquid chromatography-electrospray ionization mass spectrometry. Analytical Methods, 2014, 6, 4038.	1.3	10
92	Fabrication of magnetic nanoparticles supported ionic liquid catalyst for transesterification of vegetable oil to produce biodiesel. Journal of Molecular Liquids, 2021, 330, 115648.	2.3	10
93	Dinuclear uranium(vi) salen coordination compound: an efficient visible-light-active catalyst for selective reduction of CO2 to methanol. Dalton Transactions, 2020, 49, 17243-17251.	1.6	9
94	Dinuclear uranyl coordination compound: Structural investigations and selective fluorescence sensing properties. Polyhedron, 2020, 189, 114745.	1.0	9
95	Trace identification of sulfate anion in bottled and metropolitan water samples collected from various provinces of Saudi Arabia. Journal of King Saud University - Science, 2020, 32, 1986-1992.	1.6	9
96	Evaluation of surface phenomena of magnetic biomass for dye removal via surface modeling. Journal of Environmental Chemical Engineering, 2021, 9, 105953.	3.3	9
97	Simultaneous Determination of Isothiazolinones and Parabens in Cosmetic Products Using Solid-Phase Extraction and Ultra-High Performance Liquid Chromatography/Diode Array Detector. Pharmaceuticals, 2020, 13, 412.	1.7	8
98	Shrimp as a substantial source of carcinogenic heterocyclic amines. Food Research International, 2021, 140, 109977.	2.9	8
99	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. Journal of King Saud University - Science, 2021, 33, 101408.	1.6	8
100	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 206, 72-77.	2.0	7
101	Removal color from Palm Oil Mill Effluent (POME): Electrocoagulation Method vs Microfiltration using Nanofiber Membrane. International Journal of Electrochemical Science, 2020, 15, 11283-11293.	0.5	7
102	Multi-Element Analysis and Origin Discrimination of Panax notoginseng Based on Inductively Coupled Plasma Tandem Mass Spectrometry (ICP-MS/MS). Molecules, 2022, 27, 2982.	1.7	7
103	Contribution of Oxide Supports in Nickel-Based Catalytic Elimination of Greenhouse Gases and Generation of Syngas. Energies, 2021, 14, 7324.	1.6	6
104	Quantitative assessment of phosphate food additive in frozen and chilled chicken using spectrophotometric approach combined with graphitic digestion. Food Chemistry, 2022, 389, 133050.	4.2	6
105	Edible Xanthan/Propolis Coating and Its Effect on Physicochemical, Microbial, and Sensory Quality Indices in Mackerel Tuna (Euthynnus affinis) Fillets during Chilled Storage. Gels, 2022, 8, 405.	2.1	6
106	Influence of food condiments on the formation of carcinogenic heterocyclic amines in cooked chicken and determination by LC-MS/MS. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1-8.	1.1	5
107	High current density cation-exchanged SnO₂â€“CdSe/ZnSe and SnO₂â€“CdSe/SnSe quantum-dot photoelectrochemical cells. New Journal of Chemistry, 2018, 42, 9028-9036.	1.4	5
108	Preparation of a hydrophobic cerium oxide nanoparticle coating with polymer binder via a facile solution route. Ceramics International, 2020, 46, 12209-12215.	2.3	5

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109	Persistent Organic Pollutants: Overview of Their Extraction and Estimation. Sensor Letters, 2012, 10, 698-704.	0.4	5
110	Interaction between Gelatin and Mulberry Leaf Polysaccharides in Miscible System: Physicochemical Characteristics and Rheological Behavior. Foods, 2022, 11, 1571.	1.9	5
111	Assessment of inorganic ion in drinking water using new method based on ultra-performance liquid chromatography-mass spectrometry. Journal of King Saud University - Science, 2020, 32, 2329-2335.	1.6	4
112	Trace analysis of environmental endocrine disrupting contaminant bisphenol A in canned, glass and polyethylene terephthalate plastic carbonated beverages of diverse flavors and origin. Food Science and Technology, 2021, 41, 210-217.	0.8	4
113	Structure-Based Screening of DNA GyraseB Inhibitors for Therapeutic Applications in Tuberculosis: a Pharmacoinformatics Study. Applied Biochemistry and Biotechnology, 2020, 192, 1107-1123.	1.4	3
114	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
115	Techno-economic analysis of an integrated electrocoagulation-membrane system in treatment of palm oil mill effluent. Journal of King Saud University - Science, 2022, 34, 102015.	1.6	3
116	Fabrication of novel Ce2(WO4)3/ZnO@GO nanocomposite for superior photocatalytic performance under visible light and supercapacitor applications. Diamond and Related Materials, 2022, 125, 109026.	1.8	3
117	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
118	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. Journal of King Saud University - Science, 2021, 33, 101267.	1.6	2
119	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. Journal of King Saud University - Science, 2022, 34, 101821.	1.6	2
120	Lithiumâ€ion battery anode with high capacity retention derived from zinc vanadate and holey graphene. International Journal of Energy Research, 0, , .	2.2	2
121	Effect of Mn Concentration on the Structural, Ferroelectric, Optical, and Magnetic Properties of BiFeO3 Nanoparticles. Crystals, 2022, 12, 704.	1.0	2
122	Synthesis of novel cycloheptylbenzothiazole-2-carboxamides and biological evaluation as human estrogen receptor modulators. Journal of Molecular Structure, 2021, 1227, 129516.	1.8	1
123	Current Developments and Trends in the Liquid Chromatographyâ€“Mass Spectrometry Study of Food Integrity and Authenticity. , 2021, , 25-41.		1
124	Amplification Refractory Mutation System (ARMS)-PCR for Waxy Sorghum Authentication with Single-Nucleotide Resolution. Foods, 2021, 10, 2218.	1.9	1
125	Synthesis of High-Performance Aqueous Fluorescent Nanodispersions for Textile Printingâ€”A Study of Influence of Moles Ratio on Fastness Properties. Molecules, 2021, 26, 7075.	1.7	1
126	Ultra-High-Performance Liquid Chromatography in Food Metabolomics: Food Quality and Authenticity. , 2014, , 67-84.		0

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127	Dioxins and dioxin-like compounds in meat and meat products. TeoriÃ¢ I Praktika Pererabotki MÃ¢sa, 2022, 7, 4-15.	0.2	0