Jibran Iqbal

List of Publications by Year
in descending order

132 papers	6,298 citations	50170 46 h-index	79541 73 g-index
136 all docs	136 docs citations	136 times ranked	5379 citing authors

#	Article	IF	Citations
1	Construction of dual Z-scheme g-C3N4/Bi4Ti3O12/Bi4O5I2 heterojunction for visible and solar powered coupled photocatalytic antibiotic degradation and hydrogen production: Boosting via Iâ^'/I3â^' and Bi3+/Bi5+ redox mediators. Applied Catalysis B: Environmental, 2021, 284, 119808.	10.8	252
2	Solar light driven degradation of norfloxacin using as-synthesized Bi3+ and Fe2+ co-doped ZnO with the addition of HSO5â^': Toxicities and degradation pathways investigation. Chemical Engineering Journal, 2018, 351, 841-855.	6.6	209
3	Naked-eye lead(II) capturing from contaminated water using innovative large-pore facial composite materials. Microchemical Journal, 2020, 154, 104585.	2.3	195
4	Oxidative removal of brilliant green by UV/S2O82â€', UV/HSO5â€' and UV/H2O2 processes in aqueous media: A comparative study. Journal of Hazardous Materials, 2018, 357, 506-514.	6.5	170
5	Ligand based sustainable composite material for sensitive nickel(II) capturing in aqueous media. Journal of Environmental Chemical Engineering, 2020, 8, 103591.	3.3	161
6	Hydroxyl and sulfate radical mediated degradation of ciprofloxacin using nano zerovalent manganese catalyzed S2O82â^'. Chemical Engineering Journal, 2019, 356, 199-209.	6.6	158
7	Biodegradable natural carbohydrate polymeric sustainable adsorbents for efficient toxic dye removal from wastewater. Journal of Molecular Liquids, 2020, 319, 114356.	2.3	155
8	Nano-zerovalent manganese/biochar composite for the adsorptive and oxidative removal of Congo-red dye from aqueous solutions. Journal of Hazardous Materials, 2021, 403, 123854.	6.5	144
9	Solar Light Responsive Poly(vinyl alcohol)-Assisted Hydrothermal Synthesis of Immobilized TiO₂/Ti Film with the Addition of Peroxymonosulfate for Photocatalytic Degradation of Ciprofloxacin in Aqueous Media: A Mechanistic Approach. Journal of Physical Chemistry C, 2018, 122, 406-421.	1.5	138
10	Greener synthesis of zinc oxide nanoparticles using Trianthema portulacastrum extract and evaluation of its photocatalytic and biological applications. Journal of Photochemistry and Photobiology B: Biology, 2019, 192, 147-157.	1.7	133
11	Tuning tetracycline removal from aqueous solution onto activated 2:1 layered clay mineral: Characterization, sorption and mechanistic studies. Journal of Hazardous Materials, 2020, 384, 121320.	6.5	126
12	Celluloseâ€based Materials for the Removal of Heavy Metals from Wastewater â€“ An Overview. ChemBioEng Reviews, 2017, 4, 240-256.	2.6	125
13	A comparative study of magnetic chitosan (Chi@Fe3O4) and graphene oxide modified magnetic chitosan (Chi@Fe3O4GO) nanocomposites for efficient removal of Cr(VI) from water. International Journal of Biological Macromolecules, 2019, 137, 948-959.	3.6	120
14	Synthesis, characterization and application of novel MnO and CuO impregnated biochar composites to sequester arsenic (As) from water: Modeling, thermodynamics and reusability. Journal of Hazardous Materials, 2021, 401, 123338.	6.5	112
15	Arsenic speciation and biotransformation pathways in the aquatic ecosystem: The significance of algae. Journal of Hazardous Materials, 2021, 403, 124027.	6.5	111
16	Synergistic effects of activated carbon and nano-zerovalent copper on the performance of hydroxyapatite-alginate beads for the removal of As3+ from aqueous solution. Journal of Cleaner Production, 2019, 235, 875-886.	4.6	108
17	Synthesis of eosin modified TiO2 film with co-exposed {001} and {101} facets for photocatalytic degradation of para-aminobenzoic acid and solar H2 production. Applied Catalysis B: Environmental, 2020, 265, 118557.	10.8	106
18	Degradation of quinolone antibiotic, norfloxacin, in aqueous solution using gamma-ray irradiation. Environmental Science and Pollution Research, 2016, 23, 13155-13168.	2.7	102

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19	Arsenic biogeochemical cycling in paddy soil-rice system: Interaction with various factors, amendments and mineral nutrients. Science of the Total Environment, 2021, 773, 145040.	3.9	100
20	Effect of biochar modified with magnetite nanoparticles and HNO3 for efficient removal of Cr(VI) from contaminated water: A batch and column scale study. Environmental Pollution, 2020, 261, 114231.	3.7	95
21	Silicate glass matrix@Cu2O/Cu2V2O7 p-n heterojunction for enhanced visible light photo-degradation of sulfamethoxazole: High charge separation and interfacial transfer. Journal of Hazardous Materials, 2021, 402, 123790.	6.5	95
22	Chitosan/Ag-hydroxyapatite nanocomposite beads as a potential adsorbent for the efficient removal of toxic aquatic pollutants. International Journal of Biological Macromolecules, 2018, 120, 1752-1759.	3.6	94
23	Efficient Photocatalytic Degradation of Norfloxacin in Aqueous Media by Hydrothermally Synthesized Immobilized TiO₂/Ti Films with Exposed {001} Facets. Journal of Physical Chemistry A, 2016, 120, 9916-9931.	1.1	90
24	Carbamazepine degradation by UV and UV-assisted AOPs: Kinetics, mechanism and toxicity investigations. Chemical Engineering Research and Design, 2018, 117, 307-314.	2.7	90
25	Development of new organic-inorganic, hybrid bionanocomposite from cellulose and clay for enhanced removal of Drimarine Yellow HF-3GL dye. International Journal of Biological Macromolecules, 2020, 149, 1059-1071.	3.6	84
26	Advanced oxidation for the treatment of chlorpyrifos in aqueous solution. Chemosphere, 2013, 93, 645-651.	4.2	83
27	Vibrational spectroscopy of selective dental restorative materials. Applied Spectroscopy Reviews, 2017, 52, 507-540.	3.4	83
28	Synergistic effects of H2O2 and S2O82â˜ in the gamma radiation induced degradation of congo-red dye: Kinetics and toxicities evaluation. Separation and Purification Technology, 2020, 233, 115966.	3.9	82
29	Engineered nanoparticles for removal of pollutants from wastewater: Current status and future prospects of nanotechnology for remediation strategies. Journal of Environmental Chemical Engineering, 2021, 9, 106160.	3.3	74
30	Degradation of ciprofloxacin in water by advanced oxidation process: kinetics study, influencing parameters and degradation pathways. Environmental Technology (United Kingdom), 2016, 37, 590-602.	1.2	73
31	Lignin and Lignin Based Materials for the Removal of Heavy Metals from Waste Water-An Overview. Zeitschrift Fur Physikalische Chemie, 2019, 233, 315-345.	1.4	67
32	Deep eutectic solvent-mediated synthesis of ceria nanoparticles with the enhanced yield for photocatalytic degradation of flumequine under UV-C. Journal of Water Process Engineering, 2020, 33, 101012.	2.6	67
33	Synthesis of nitrogen-doped Ceria nanoparticles in deep eutectic solvent for the degradation of sulfamethaxazole under solar irradiation and additional antibacterial activities. Chemical Engineering Journal, 2020, 394, 124869.	6.6	65
34	Nano zerovalent zinc catalyzed peroxymonosulfate based advanced oxidation technologies for treatment of chlorpyrifos in aqueous solution: A semi-pilot scale study. Journal of Cleaner Production, 2020, 246, 119032.	4.6	62
35	Solar light responsive bismuth doped titania with Ti3+ for efficient photocatalytic degradation of flumequine: Synergistic role of peroxymonosulfate. Chemical Engineering Journal, 2020, 384, 123255.	6.6	62
36	Preparation of magnetic chitosan corn straw biochar and its application in adsorption of amaranth dye in aqueous solution. International Journal of Biological Macromolecules, 2022, 199, 234-242.	3.6	61

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37	Synergistic effects of HSO 5 â^' in the gamma radiation driven process for the removal of chlorendic acid: A new alternative for water treatment. Chemical Engineering Journal, 2016, 306, 512-521.	6.6	57
38	Narrowing the band gap of TiO2 by co-doping with Mn2+ and Co2+ for efficient photocatalytic degradation of enoxacin and its additional peroxidase like activity: A mechanistic approach. Journal of Molecular Liquids, 2018, 272, 403-412.	2.3	57
39	Sustainable green nanoadsorbents for remediation of pharmaceuticals from water and wastewater: A critical review. Environmental Research, 2022, 204, 112243.	3.7	57
40	Recent technologies for nutrient removal and recovery from wastewaters: A review. Chemosphere, 2021, 277, 130328.	4.2	56
41	Solar light induced photocatalytic activation of peroxymonosulfate by ultra-thin Ti3+ self-doped Fe2O3/TiO2 nanoflakes for the degradation of naphthalene. Applied Catalysis B: Environmental, 2022, 315, 121532.	10.8	54
42	Waste Moringa oleifera seed pods as green sorbent for efficient removal of toxic aquatic pollutants. Journal of Environmental Management, 2018, 227, 95-106.	3.8	53
43	Modified biochar from Moringa seed powder for the removal of diclofenac from aqueous solution. Environmental Science and Pollution Research, 2020, 27, 7318-7327.	2.7	52
44	Determination of Tricyclazole Content in Paddy Rice by Surface Enhanced Raman Spectroscopy. Journal of Food Science, 2012, 77, T105-9.	1.5	51
45	Toxicities, kinetics and degradation pathways investigation of ciprofloxacin degradation using iron-mediated H2O2 based advanced oxidation processes. Chemical Engineering Research and Design, 2018, 117, 473-482.	2.7	51
46	Activated carbon-alginate beads impregnated with surfactant as sustainable adsorbent for efficient removal of methylene blue. International Journal of Biological Macromolecules, 2021, 176, 233-243.	3.6	51
47	Production and harvesting of microalgae and an efficient operational approach to biofuel production for a sustainable environment. Fuel, 2022, 311, 122543.	3.4	50
48	Biomedical and photocatalytic applications of biosynthesized silver nanoparticles: Ecotoxicology study of brilliant green dye and its mechanistic degradation pathways. Journal of Molecular Liquids, 2020, 319, 114114.	2.3	49
49	Nano-zerovalent copper as a Fenton-like catalyst for the degradation of ciprofloxacin in aqueous solution. Journal of Water Process Engineering, 2020, 37, 101325.	2.6	48
50	In-situ dual applications of ionic liquid coated Co2+ and Fe3+ co-doped TiO2: Superior photocatalytic degradation of ofloxacin at pilot scale level and enhanced peroxidase like activity for calorimetric biosensing. Journal of Molecular Liquids, 2019, 282, 275-285.	2.3	47
51	VUV-Photocatalytic Degradation of Bezafibrate by Hydrothermally Synthesized Enhanced {001} Facets TiO₂/Ti Film. Journal of Physical Chemistry A, 2016, 120, 118-127.	1.1	43
52	Removal efficiency and economic cost comparison of hydrated electron-mediated reductive pathways for treatment of bromate. Chemical Engineering Journal, 2017, 320, 523-531.	6.6	43
53	An application of ionic liquid for preparation of homogeneous collagen and alginate hydrogels for skin dressing. Journal of Molecular Liquids, 2017, 243, 720-725.	2.3	43
54	Contamination Assessment of Heavy Metals in Agricultural Soil, in the Liwa Area (UAE). Toxics, 2021, 9, 53.	1.6	42

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55	Hydrochemical processes determining the groundwater quality for irrigation use in an arid environment: The case of Liwa Aquifer, Abu Dhabi, United Arab Emirates. Groundwater for Sustainable Development, 2018, 7, 212-219.	2.3	41
56	Chitosan/Al2O3-HA nanocomposite beads for efficient removal of estradiol and chrysoidin from aqueous solution. International Journal of Biological Macromolecules, 2020, 145, 686-693.	3.6	40
57	Phytosynthesis of cerium oxide nanoparticles and investigation of their photocatalytic potential for degradation of phenol under visible light. Journal of Molecular Structure, 2020, 1217, 128292.	1.8	40
58	Synergistic effects of bismuth coupling on the reactivity and reusability of zerovalent iron nanoparticles for the removal of cadmium from aqueous solution. Science of the Total Environment, 2019, 669, 333-341.	3.9	39
59	Potential of siltstone and its composites with biochar and magnetite nanoparticles for the removal of cadmium from contaminated aqueous solutions: Batch and column scale studies. Environmental Pollution, 2020, 259, 113938.	3.7	37
60	Calibration transfer of nearâ€infrared spectra for extraction of informative components from spectra with canonical correlation analysis. Journal of Chemometrics, 2014, 28, 773-784.	0.7	36
61	M (M: Cu, Co, Cr or Fe) nanoparticles-loaded metal-organic framework MIL-101(Cr) material by sonication process: Catalytic activity and antibacterial properties. Microporous and Mesoporous Materials, 2021, 323, 111244.	2.2	36
62	Challenges and perspectives on innovative technologies for biofuel production and sustainable environmental management. Fuel, 2022, 325, 124845.	3.4	36
63	Designing of bentonite based nanocomposite hydrogel for the adsorptive removal and controlled release of ampicillin. Journal of Molecular Liquids, 2020, 319, 114166.	2.3	35
64	Colorimetric based sensing of dopamine using ionic liquid functionalized drug mediated silver nanostructures. Microchemical Journal, 2020, 159, 105382.	2.3	34
65	Controllable phytosynthesis of gold nanoparticles and investigation of their size and morphology-dependent photocatalytic activity under visible light. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 392, 112429.	2.0	32
66	Water quality assessment of lower Jhelum canal in Pakistan by using geographic information system (GIS). Groundwater for Sustainable Development, 2020, 10, 100357.	2.3	32
67	Experimental and theoretical studies of Rhodamine B direct dye sorption onto clay-cellulose composite. Journal of Molecular Liquids, 2021, 328, 115165.	2.3	32
68	CuNPs-loaded amines-functionalized-SBA-15 as effective catalysts for catalytic reduction of cationic and anionic dyes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 623, 126729.	2.3	32
69	Ultra sensitive surfaceâ€enhanced Raman scattering detection based on monolithic column as a new type substrate. Journal of Raman Spectroscopy, 2012, 43, 1392-1396.	1.2	31
70	Assessment of Metals Concentrations in Soils of Abu Dhabi Emirate Using Pollution Indices and Multivariate Statistics. Toxics, 2021, 9, 95.	1.6	31
71	COSMO-RS predictions, hydrogen bond basicity values and experimental evaluation of amino acid-based ionic liquids for lignocellulosic biomass dissolution. Journal of Molecular Liquids, 2019, 273, 215-221.	2.3	30
72	Sensitive determination of trace mercury by UVâ€“visible diffuse reflectance spectroscopy after complexation and membrane filtration-enrichment. Journal of Hazardous Materials, 2012, 233-234, 207-212.	6.5	29

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73	Effect of ionic liquid on thermo-physical properties of bamboo biomass. Wood Science and Technology, 2015, 49, 897-913.	1.4	26
74	Ionic liquid as a potential solvent for preparation of collagen-alginate-hydroxyapatite beads as bone filler. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 1168-1184.	1.9	26
75	Nonenzymatic amperometric dopamine sensor based on a carbon ceramic electrode of type SiO2/C modified with Co3O4 nanoparticles. Mikrochimica Acta, 2019, 186, 471.	2.5	25
76	Constructing Z-scheme LaTiO2N/g-C3N4@Fe3O4 magnetic nano heterojunctions with promoted charge separation for visible and solar removal of indomethacin. Journal of Water Process Engineering, 2020, 36, 101391.	2.6	25
77	A critical review on phytosynthesis of gold nanoparticles: Issues, challenges and future perspectives. Journal of Cleaner Production, 2021, 309, 127460.	4.6	25
78	One pot preparation of CeO2@Alginate composite beads for the catalytic reduction of MB dye: Effect of cerium percentage. Surfaces and Interfaces, 2021, 26, 101306.	1.5	25
79	Bismuth-Doped Nano Zerovalent Iron: A Novel Catalyst for Chloramphenicol Degradation and Hydrogen Production. ACS Omega, 2020, 5, 30610-30624.	1.6	24
80	Investigating aquifer vulnerability and pollution risk employing modified DRASTIC model and GIS techniques in Liwa area, United Arab Emirates. Groundwater for Sustainable Development, 2019, 8, 567-578.	2.3	23
81	Ionic liquid as a moderator for improved sensing properties of TiO2 nanostructures for the detection of acetone biomarker in diabetes mellitus. Journal of Molecular Liquids, 2019, 294, 111681.	2.3	20
82	Preparation of sustainable activated carbon-alginate beads impregnated with ionic liquid for phenol decontamination. Journal of Cleaner Production, 2021, 321, 128899.	4.6	20
83	Key wavelengths selection from near infrared spectra using Monte Carlo samplingâ€“recursive partial least squares. Chemometrics and Intelligent Laboratory Systems, 2013, 128, 17-24.	1.8	19
84	Gamma radiolytic decomposition of endosulfan in aerated solution: the role of carbonate radical. Environmental Science and Pollution Research, 2016, 23, 12362-12371.	2.7	19
85	Ionic liquid tuned titanium dioxide nanostructures as an efficient colorimetric sensing platform for dopamine detection. Materials Chemistry and Physics, 2021, 262, 124289.	2.0	19
86	Enhanced solar light photocatalytic performance of Fe-ZnO in the presence of H2O2, S2O82â¯, and HSO5â¯ for degradation of chlorpyrifos from agricultural wastes: Toxicities investigation. Chemosphere, 2022, 287, 132331.	4.2	19
87	A novel route for catalytic activation of peroxymonosulfate by oxygen vacancies improved bismuth-doped titania for the removal of recalcitrant organic contaminant. Environmental Science and Pollution Research, 2021, 28, 23368-23385.	2.7	19
88	Study on difference between epidermis, phloem and xylem of Radix Ginseng with near-infrared and infrared spectroscopy coupled with principal component analysis. Vibrational Spectroscopy, 2011, 55, 201-206.	1.2	18
89	Ultra-sensitive spectrophotometric determination of nickel after complexation and membrane filtration. Mikrochimica Acta, 2012, 177, 195-200.	2.5	18
90	Integrated structural and functional analysis of the protective effects of kinetin against oxidative stress in mammalian cellular systems. Scientific Reports, 2020, 10, 13330.	1.6	18

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91	Effect of gold and iron nanoparticles on photocatalytic behaviour of titanium dioxide towards 1-butyl-3-methylimidazolium chloride ionic liquid. Journal of Molecular Liquids, 2019, 291, 111277.	2.3	17
92	Mechanistic investigations on the removal of diclofenac sodium by UV/S₂O₈^{2â^'}/Fe²⁺, UV/HSO₅^{â^'}/Fe²⁺ and UV/H₂O₂/Fe²⁺-based advanced oxidation processes. Environmental Technology (United Kingdom), 2021, 42, 3995-4005.	1.2	16
93	Catalytic behavior and antibacterial/antifungal activities of new MNPs/zeolite@alginate composite beads. International Journal of Biological Macromolecules, 2022, 198, 37-45.	3.6	16
94	Rapid determination of illegal additives chrysoidin and malachite green by surface-enhanced Raman scattering with silanized support based substrate. Chinese Chemical Letters, 2018, 29, 981-984.	4.8	15
95	Fabrication and Evaluation of Cellulose-Alginate-Hydroxyapatite Beads for the Removal of Heavy Metal Ions from Aqueous Solutions. Zeitschrift Fur Physikalische Chemie, 2019, 233, 1351-1375.	1.4	15
96	Rapid detection of sulfamethoxazole in plasma and food samples with in-syringe membrane SPE coupled with solid-phase fluorescence spectrometry. Food Chemistry, 2020, 320, 126612.	4.2	15
97	MXsorption of mercury: Exceptional reductive behavior of titanium carbide/carbonitride MXenes. Environmental Research, 2022, 205, 112532.	3.7	15
98	Photocatalytic and biomedical investigation of green synthesized NiONPs: Toxicities and degradation pathways of Congo red dye. Surfaces and Interfaces, 2021, 23, 100944.	1.5	14
99	Rapid determination of fumonisin (FB1) by syringe SPE coupled with solid-phase fluorescence spectrometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 226, 117549.	2.0	13
100	In situ immobilization of CuO on SiO2/graphite matrix, modified with benzimidazolium-1-acatate ionic liquid: Application as catechol sensor. Journal of Molecular Liquids, 2018, 251, 450-457.	2.3	12
101	Evaluation of the Gulf of Aqaba Coastal Water, Jordan. Water (Switzerland), 2020, 12, 2125.	1.2	12
102	Designing and development of polyvinylpyrrolidone-tungsten trioxide (PVP-WO3) nanocomposite conducting film for highly sensitive, stable, and room temperature humidity sensing. Materials Science in Semiconductor Processing, 2021, 134, 106053.	1.9	12
103	Lignin/alginate/hydroxyapatite composite beads for the efficient removal of copper and nickel ions from aqueous solutions. , 0, 184, 199-213.		12
104	Date palm waste pyrolysis into biochar for carbon dioxide adsorption. Energy Reports, 2021, 7, 152-159.	2.5	11
105	Study of Atmospheric Pollution and Health Risk Assessment: A Case Study for the Sharjah and Ajman Emirates (UAE). Atmosphere, 2021, 12, 1442.	1.0	11
106	Development of zerovalent iron and titania (Fe0/TiO2) composite for oxidative degradation of dichlorophene in aqueous solution: synergistic role of peroxymonosulfate (HSO5â^'). Environmental Science and Pollution Research, 2022, 29, 63041-63056.	2.7	11
107	Micro near infrared spectroscopy (MicroNIRS) based on on-line enrichment: Determination of trace copper in water using glycidyl methacrylate-based monolithic material. Analytica Chimica Acta, 2010, 670, 39-43.	2.6	10
108	Determination of trace analytes based on diffuse reflectance spectroscopic techniques: development of a multichannel membrane filtration-enrichment device to improve repeatability. RSC Advances, 2014, 4, 52123-52129.	1.7	10

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109	On-chip solid phase extraction and in situ optical detection. Talanta, 2019, 197, 299-303.	2.9	9
110	Advances in the Synthesis and Application of Anti-Fouling Membranes Using Two-Dimensional Nanomaterials. Membranes, 2021, 11, 605.	1.4	9
111	Ionic liquid functionalized nano-zerovalent cerium for catalytic degradation of carbamazepine and colorimetric sensing of H2O2. Journal of Water Process Engineering, 2021, 40, 101964.	2.6	8
112	Preparation of H₃PO₄ modified Sidr biochar for the enhanced removal of ciprofloxacin from water. International Journal of Phytoremediation, 2022, 24, 1231-1242.	1.7	8
113	Aging study of the powdered magnetite nanoparticles. Materials Chemistry and Physics, 2017, 189, 86-89.	2.0	6
114	Method Development for Selective and Nontargeted Identification of Nitro Compounds in Diesel Particulate Matter. Energy & Fuels, 2017, 31, 11615-11626.	2.5	6
115	Simultaneous Enrichment and On-line Detection of Low-Concentration Copper, Cobalt, and Nickel Ions in Water by Near-Infrared Diffuse Reflectance Spectroscopy Combined with Chemometrics. Journal of AOAC INTERNATIONAL, 2017, 100, 560-565.	0.7	6
116	Green Production and Structural Evaluation of Maize Starchâ€“Fatty Acid Complexes Through High Speed Homogenization. Journal of Polymers and the Environment, 2020, 28, 3110-3115.	2.4	6
117	Exploring the potential of nano-zerovalent copper modified biochar for the removal of ciprofloxacin from water. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100604.	1.7	6
118	Preparation of cellulosic Ag-nanocomposites using an ionic liquid. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 785-796.	1.9	5
119	Assessment of ability to detect low concentration analyte with near-infrared spectroscopy based on pre-concentration technique. Chemometrics and Intelligent Laboratory Systems, 2013, 124, 1-8.	1.8	4
120	Assess the ability of detecting low concentration analyte with near-infrared spectroscopy based on dynamic enrichment. Chemometrics and Intelligent Laboratory Systems, 2014, 134, 58-66.	1.8	4
121	Rapid determination of trace Cu²⁺ by an in-syringe membrane SPE and membrane solid-phase spectral technique. Analytical Methods, 2021, 13, 4691-4698.	1.3	4
122	Single-step synthesis of magnesium-iron borates composite; an efficient electrocatalyst for dopamine detection. Microchemical Journal, 2021, 160, 105679.	2.3	3
123	Quantitative Estimation of Biocapped Surface Chemistry Driven Interparticle Interactions and Growth Kinetics of Gold Nanoparticles. Journal of Cluster Science, 2022, 33, 557-565.	1.7	3
124	Microwave-Induced Modification of Physical and Functional Characteristics and Antioxidant Potential of Alkali-Soluble Cell Wall Polysaccharides of Nelumbo nucifera Rhizome. Journal of Polymers and the Environment, 2021, 29, 3548-3560.	2.4	2
125	On-Line Determination of Trace Copper in Water Using Near-Infrared Spectroscopy and Fluidized Bed Enrichment. Advanced Science Letters, 2012, 17, 257-260.	0.2	2
126	Polystyrenic porphyrins as catalysts for alkane oxidation. Research on Chemical Intermediates, 2015, 41, 6283-6287.	1.3	1

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127	Engineered magnetic nanoparticles for environmental remediation. , 2022, , 499-524.		1
128	Hyperspectroscopic and microtopographic analyses of salt crust forms on arid, silty clay loam desert soils. Geologia Croatica, 2019, 72, 43-49.	0.3	0
129	Bacterial Shoot Apical Meristem Inoculation Assay. Methods in Molecular Biology, 2020, 2094, 17-22.	0.4	0
130	Molecular Modeling of the Interaction Between Stem Cell Peptide and Immune Receptor in Plants. Methods in Molecular Biology, 2020, 2094, 67-77.	0.4	0
131	Mapping a Transcriptome-Guided Arabidopsis SAM Interactome. Methods in Molecular Biology, 2020, 2094, 113-118.	0.4	0
132	Integrated Framework of the Immune-Defense Transcriptional Signatures in the Arabidopsis Shoot Apical Meristem. International Journal of Molecular Sciences, 2020, 21, 5745.	1.8	0