

Jibran Iqbal

List of Publications by Year in descending order

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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	Quantitative Estimation of Biocapped Surface Chemistry Driven Interparticle Interactions and Growth Kinetics of Gold Nanoparticles. <i>Journal of Cluster Science</i> , 2022, 33, 557-565.	1.7	3
2	Enhanced solar light photocatalytic performance of Fe-ZnO in the presence of H ₂ O ₂ , S ₂ O ₈ ²⁻ , and HSO ₅ ⁻ for degradation of chlorpyrifos from agricultural wastes: Toxicities investigation. <i>Chemosphere</i> , 2022, 287, 132331.	4.2	19
3	Sustainable green nanoadsorbents for remediation of pharmaceuticals from water and wastewater: A critical review. <i>Environmental Research</i> , 2022, 204, 112243.	3.7	57
4	Production and harvesting of microalgae and an efficient operational approach to biofuel production for a sustainable environment. <i>Fuel</i> , 2022, 311, 122543.	3.4	50
5	Catalytic behavior and antibacterial/antifungal activities of new MNPs/zeolite@alginate composite beads. <i>International Journal of Biological Macromolecules</i> , 2022, 198, 37-45.	3.6	16
6	Preparation of magnetic chitosan corn straw biochar and its application in adsorption of amaranth dye in aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2022, 199, 234-242.	3.6	61
7	MXsorption of mercury: Exceptional reductive behavior of titanium carbide/carbonitride MXenes. <i>Environmental Research</i> , 2022, 205, 112532.	3.7	15
8	Preparation of H ₃ PO ₄ modified Sidr biochar for the enhanced removal of ciprofloxacin from water. <i>International Journal of Phytoremediation</i> , 2022, 24, 1231-1242.	1.7	8
9	Engineered magnetic nanoparticles for environmental remediation. , 2022, , 499-524.		1
10	Development of zerovalent iron and titania (Fe ⁰ /TiO ₂) composite for oxidative degradation of dichlorophene in aqueous solution: synergistic role of peroxymonosulfate (HSO ₅ ⁻). <i>Environmental Science and Pollution Research</i> , 2022, 29, 63041-63056.	2.7	11
11	Solar light induced photocatalytic activation of peroxymonosulfate by ultra-thin Ti ³⁺ self-doped Fe ₂ O ₃ /TiO ₂ nanoflakes for the degradation of naphthalene. <i>Applied Catalysis B: Environmental</i> , 2022, 315, 121532.	10.8	54
12	Challenges and perspectives on innovative technologies for biofuel production and sustainable environmental management. <i>Fuel</i> , 2022, 325, 124845.	3.4	36
13	Mechanistic investigations on the removal of diclofenac sodium by UV/S ₂ O ₈ ²⁻ /Fe ²⁺ , UV/HSO ₅ ⁻ /Fe ²⁺ and UV/H ₂ O ₂ /Fe ²⁺ -based advanced oxidation processes. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 3895-3905.	1.2	16
14	Synthesis, characterization and application of novel MnO and CuO impregnated biochar composites to sequester arsenic (As) from water: Modeling, thermodynamics and reusability. <i>Journal of Hazardous Materials</i> , 2021, 401, 123338.	6.5	112
15	Nano-zerovalent manganese/biochar composite for the adsorptive and oxidative removal of Congo-red dye from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2021, 403, 123854.	6.5	144
16	Silicate glass matrix@Cu ₂ O/Cu ₂ V ₂ O ₇ p-n heterojunction for enhanced visible light photo-degradation of sulfamethoxazole: High charge separation and interfacial transfer. <i>Journal of Hazardous Materials</i> , 2021, 402, 123790.	6.5	95
17	Arsenic speciation and biotransformation pathways in the aquatic ecosystem: The significance of algae. <i>Journal of Hazardous Materials</i> , 2021, 403, 124027.	6.5	111
18	Construction of dual Z-scheme g-C ₃ N ₄ /Bi ₄ Ti ₃ O ₁₂ /Bi ₄ O ₅ I ₂ heterojunction for visible and solar powered coupled photocatalytic antibiotic degradation and hydrogen production: Boosting via I ³⁺ /I ²⁺ and Bi ³⁺ /Bi ⁵⁺ redox mediators. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119808.	10.8	252

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19	Single-step synthesis of magnesium-iron borates composite; an efficient electrocatalyst for dopamine detection. <i>Microchemical Journal</i> , 2021, 160, 105679.	2.3	3
20	Rapid determination of trace Cu ²⁺ by an in-syringe membrane SPE and membrane solid-phase spectral technique. <i>Analytical Methods</i> , 2021, 13, 4691-4698.	1.3	4
21	Microwave-Induced Modification of Physical and Functional Characteristics and Antioxidant Potential of Alkali-Soluble Cell Wall Polysaccharides of <i>Nelumbo nucifera</i> Rhizome. <i>Journal of Polymers and the Environment</i> , 2021, 29, 3548-3560.	2.4	2
22	Contamination Assessment of Heavy Metals in Agricultural Soil, in the Liwa Area (UAE). <i>Toxics</i> , 2021, 9, 53.	1.6	42
23	Ionic liquid functionalized nano-zerovalent cerium for catalytic degradation of carbamazepine and colorimetric sensing of H ₂ O ₂ . <i>Journal of Water Process Engineering</i> , 2021, 40, 101964.	2.6	8
24	Photocatalytic and biomedical investigation of green synthesized NiONPs: Toxicities and degradation pathways of Congo red dye. <i>Surfaces and Interfaces</i> , 2021, 23, 100944.	1.5	14
25	Activated carbon-alginate beads impregnated with surfactant as sustainable adsorbent for efficient removal of methylene blue. <i>International Journal of Biological Macromolecules</i> , 2021, 176, 233-243.	3.6	51
26	Experimental and theoretical studies of Rhodamine B direct dye sorption onto clay-cellulose composite. <i>Journal of Molecular Liquids</i> , 2021, 328, 115165.	2.3	32
27	Assessment of Metals Concentrations in Soils of Abu Dhabi Emirate Using Pollution Indices and Multivariate Statistics. <i>Toxics</i> , 2021, 9, 95.	1.6	31
28	Ionic liquid tuned titanium dioxide nanostructures as an efficient colorimetric sensing platform for dopamine detection. <i>Materials Chemistry and Physics</i> , 2021, 262, 124289.	2.0	19
29	Arsenic biogeochemical cycling in paddy soil-rice system: Interaction with various factors, amendments and mineral nutrients. <i>Science of the Total Environment</i> , 2021, 773, 145040.	3.9	100
30	Advances in the Synthesis and Application of Anti-Fouling Membranes Using Two-Dimensional Nanomaterials. <i>Membranes</i> , 2021, 11, 605.	1.4	9
31	Recent technologies for nutrient removal and recovery from wastewaters: A review. <i>Chemosphere</i> , 2021, 277, 130328.	4.2	56
32	CuNPs-loaded amines-functionalized-SBA-15 as effective catalysts for catalytic reduction of cationic and anionic dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 623, 126729.	2.3	32
33	M (M: Cu, Co, Cr or Fe) nanoparticles-loaded metal-organic framework MIL-101(Cr) material by sonication process: Catalytic activity and antibacterial properties. <i>Microporous and Mesoporous Materials</i> , 2021, 323, 111244.	2.2	36
34	A critical review on phytosynthesis of gold nanoparticles: Issues, challenges and future perspectives. <i>Journal of Cleaner Production</i> , 2021, 309, 127460.	4.6	25
35	Date palm waste pyrolysis into biochar for carbon dioxide adsorption. <i>Energy Reports</i> , 2021, 7, 152-159.	2.5	11
36	One pot preparation of CeO ₂ @Alginate composite beads for the catalytic reduction of MB dye: Effect of cerium percentage. <i>Surfaces and Interfaces</i> , 2021, 26, 101306.	1.5	25

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37	Engineered nanoparticles for removal of pollutants from wastewater: Current status and future prospects of nanotechnology for remediation strategies. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106160.	3.3	74
38	Preparation of sustainable activated carbon-alginate beads impregnated with ionic liquid for phenol decontamination. <i>Journal of Cleaner Production</i> , 2021, 321, 128899.	4.6	20
39	Designing and development of polyvinylpyrrolidone-tungsten trioxide (PVP-WO ₃) nanocomposite conducting film for highly sensitive, stable, and room temperature humidity sensing. <i>Materials Science in Semiconductor Processing</i> , 2021, 134, 106053.	1.9	12
40	A novel route for catalytic activation of peroxymonosulfate by oxygen vacancies improved bismuth-doped titania for the removal of recalcitrant organic contaminant. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23368-23385.	2.7	19
41	Exploring the potential of nano-zerovalent copper modified biochar for the removal of ciprofloxacin from water. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100604.	1.7	6
42	Study of Atmospheric Pollution and Health Risk Assessment: A Case Study for the Sharjah and Ajman Emirates (UAE). <i>Atmosphere</i> , 2021, 12, 1442.	1.0	11
43	Tuning tetracycline removal from aqueous solution onto activated 2:1 layered clay mineral: Characterization, sorption and mechanistic studies. <i>Journal of Hazardous Materials</i> , 2020, 384, 121320.	6.5	126
44	Synergistic effects of H ₂ O ₂ and S ₂ O ₈ ²⁻ in the gamma radiation induced degradation of congo-red dye: Kinetics and toxicities evaluation. <i>Separation and Purification Technology</i> , 2020, 233, 115966.	3.9	82
45	Rapid determination of fumonisin (FB1) by syringe SPE coupled with solid-phase fluorescence spectrometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117549.	2.0	13
46	Nano zerovalent zinc catalyzed peroxymonosulfate based advanced oxidation technologies for treatment of chlorpyrifos in aqueous solution: A semi-pilot scale study. <i>Journal of Cleaner Production</i> , 2020, 246, 119032.	4.6	62
47	Deep eutectic solvent-mediated synthesis of ceria nanoparticles with the enhanced yield for photocatalytic degradation of flumequine under UV-C. <i>Journal of Water Process Engineering</i> , 2020, 33, 101012.	2.6	67
48	Solar light responsive bismuth doped titania with Ti ³⁺ for efficient photocatalytic degradation of flumequine: Synergistic role of peroxymonosulfate. <i>Chemical Engineering Journal</i> , 2020, 384, 123255.	6.6	62
49	Modified biochar from Moringa seed powder for the removal of diclofenac from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7318-7327.	2.7	52
50	Naked-eye lead(II) capturing from contaminated water using innovative large-pore facial composite materials. <i>Microchemical Journal</i> , 2020, 154, 104585.	2.3	195
51	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. <i>Environmental Pollution</i> , 2020, 259, 113938.	3.7	37
52	Synthesis of eosin modified TiO ₂ film with co-exposed {001} and {101} facets for photocatalytic degradation of para-aminobenzoic acid and solar H ₂ production. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118557.	10.8	106
53	Chitosan/Al ₂ O ₃ -HA nanocomposite beads for efficient removal of estradiol and chrysoidin from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 686-693.	3.6	40
54	Bacterial Shoot Apical Meristem Inoculation Assay. <i>Methods in Molecular Biology</i> , 2020, 2094, 17-22.	0.4	0

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55	Molecular Modeling of the Interaction Between Stem Cell Peptide and Immune Receptor in Plants. <i>Methods in Molecular Biology</i> , 2020, 2094, 67-77.	0.4	0
56	Mapping a Transcriptome-Guided Arabidopsis SAM Interactome. <i>Methods in Molecular Biology</i> , 2020, 2094, 113-118.	0.4	0
57	Ligand based sustainable composite material for sensitive nickel(II) capturing in aqueous media. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103591.	3.3	161
58	Biodegradable natural carbohydrate polymeric sustainable adsorbents for efficient toxic dye removal from wastewater. <i>Journal of Molecular Liquids</i> , 2020, 319, 114356.	2.3	155
59	Biomedical and photocatalytic applications of biosynthesized silver nanoparticles: Ecotoxicology study of brilliant green dye and its mechanistic degradation pathways. <i>Journal of Molecular Liquids</i> , 2020, 319, 114114.	2.3	49
60	Designing of bentonite based nanocomposite hydrogel for the adsorptive removal and controlled release of ampicillin. <i>Journal of Molecular Liquids</i> , 2020, 319, 114166.	2.3	35
61	Bismuth-Doped Nano Zerovalent Iron: A Novel Catalyst for Chloramphenicol Degradation and Hydrogen Production. <i>ACS Omega</i> , 2020, 5, 30610-30624.	1.6	24
62	Colorimetric based sensing of dopamine using ionic liquid functionalized drug mediated silver nanostructures. <i>Microchemical Journal</i> , 2020, 159, 105382.	2.3	34
63	Green Production and Structural Evaluation of Maize Starchâ€‘Fatty Acid Complexes Through High Speed Homogenization. <i>Journal of Polymers and the Environment</i> , 2020, 28, 3110-3115.	2.4	6
64	Evaluation of the Gulf of Aqaba Coastal Water, Jordan. <i>Water (Switzerland)</i> , 2020, 12, 2125.	1.2	12
65	Integrated structural and functional analysis of the protective effects of kinetin against oxidative stress in mammalian cellular systems. <i>Scientific Reports</i> , 2020, 10, 13330.	1.6	18
66	Integrated Framework of the Immune-Defense Transcriptional Signatures in the Arabidopsis Shoot Apical Meristem. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5745.	1.8	0
67	Phytosynthesis of cerium oxide nanoparticles and investigation of their photocatalytic potential for degradation of phenol under visible light. <i>Journal of Molecular Structure</i> , 2020, 1217, 128292.	1.8	40
68	Nano-zerovalent copper as a Fenton-like catalyst for the degradation of ciprofloxacin in aqueous solution. <i>Journal of Water Process Engineering</i> , 2020, 37, 101325.	2.6	48
69	Constructing Z-scheme LaTiO ₂ N/g-C ₃ N ₄ @Fe ₃ O ₄ magnetic nano heterojunctions with promoted charge separation for visible and solar removal of indomethacin. <i>Journal of Water Process Engineering</i> , 2020, 36, 101391.	2.6	25
70	Rapid detection of sulfamethoxazole in plasma and food samples with in-syringe membrane SPE coupled with solid-phase fluorescence spectrometry. <i>Food Chemistry</i> , 2020, 320, 126612.	4.2	15
71	Controllable phytosynthesis of gold nanoparticles and investigation of their size and morphology-dependent photocatalytic activity under visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 392, 112429.	2.0	32
72	Water quality assessment of lower Jhelum canal in Pakistan by using geographic information system (GIS). <i>Groundwater for Sustainable Development</i> , 2020, 10, 100357.	2.3	32

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73	Effect of biochar modified with magnetite nanoparticles and HNO ₃ for efficient removal of Cr(VI) from contaminated water: A batch and column scale study. <i>Environmental Pollution</i> , 2020, 261, 114231.	3.7	95
74	Development of new organic-inorganic, hybrid bionanocomposite from cellulose and clay for enhanced removal of Drimarine Yellow HF-3GL dye. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 1059-1071.	3.6	84
75	Synthesis of nitrogen-doped Ceria nanoparticles in deep eutectic solvent for the degradation of sulfamethaxazole under solar irradiation and additional antibacterial activities. <i>Chemical Engineering Journal</i> , 2020, 394, 124869.	6.6	65
76	Lignin and Lignin Based Materials for the Removal of Heavy Metals from Waste Water-An Overview. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019, 233, 315-345.	1.4	67
77	Effect of gold and iron nanoparticles on photocatalytic behaviour of titanium dioxide towards 1-butyl-3-methylimidazolium chloride ionic liquid. <i>Journal of Molecular Liquids</i> , 2019, 291, 111277.	2.3	17
78	Synergistic effects of activated carbon and nano-zerovalent copper on the performance of hydroxyapatite-alginate beads for the removal of As ³⁺ from aqueous solution. <i>Journal of Cleaner Production</i> , 2019, 235, 875-886.	4.6	108
79	Hyperspectroscopic and microtopographic analyses of salt crust forms on arid, silty clay loam desert soils. <i>Geologia Croatica</i> , 2019, 72, 43-49.	0.3	0
80	On-chip solid phase extraction and in situ optical detection. <i>Talanta</i> , 2019, 197, 299-303.	2.9	9
81	Ionic liquid as a moderator for improved sensing properties of TiO ₂ nanostructures for the detection of acetone biomarker in diabetes mellitus. <i>Journal of Molecular Liquids</i> , 2019, 294, 111681.	2.3	20
82	Greener synthesis of zinc oxide nanoparticles using <i>Trianthema portulacastrum</i> extract and evaluation of its photocatalytic and biological applications. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 192, 147-157.	1.7	133
83	Nonenzymatic amperometric dopamine sensor based on a carbon ceramic electrode of type SiO ₂ /C modified with Co ₃ O ₄ nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 471.	2.5	25
84	A comparative study of magnetic chitosan (Chi@Fe ₃ O ₄) and graphene oxide modified magnetic chitosan (Chi@Fe ₃ O ₄ GO) nanocomposites for efficient removal of Cr(VI) from water. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 948-959.	3.6	120
85	Preparation of cellulosic Ag-nanocomposites using an ionic liquid. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 785-796.	1.9	5
86	In-situ dual applications of ionic liquid coated Co ²⁺ and Fe ³⁺ co-doped TiO ₂ : Superior photocatalytic degradation of ofloxacin at pilot scale level and enhanced peroxidase like activity for calorimetric biosensing. <i>Journal of Molecular Liquids</i> , 2019, 282, 275-285.	2.3	47
87	Synergistic effects of bismuth coupling on the reactivity and reusability of zerovalent iron nanoparticles for the removal of cadmium from aqueous solution. <i>Science of the Total Environment</i> , 2019, 669, 333-341.	3.9	39
88	Investigating aquifer vulnerability and pollution risk employing modified DRASTIC model and GIS techniques in Liwa area, United Arab Emirates. <i>Groundwater for Sustainable Development</i> , 2019, 8, 567-578.	2.3	23
89	Hydroxyl and sulfate radical mediated degradation of ciprofloxacin using nano zerovalent manganese catalyzed S ₂ O ₈ ²⁻ . <i>Chemical Engineering Journal</i> , 2019, 356, 199-209.	6.6	158
90	Fabrication and Evaluation of Cellulose-Alginate-Hydroxyapatite Beads for the Removal of Heavy Metal Ions from Aqueous Solutions. <i>Zeitschrift Fur Physikalische Chemie</i> , 2019, 233, 1351-1375.	1.4	15

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91	COSMO-RS predictions, hydrogen bond basicity values and experimental evaluation of amino acid-based ionic liquids for lignocellulosic biomass dissolution. <i>Journal of Molecular Liquids</i> , 2019, 273, 215-221.	2.3	30
92	Ionic liquid as a potential solvent for preparation of collagen-alginate-hydroxyapatite beads as bone filler. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1168-1184.	1.9	26
93	In situ immobilization of CuO on SiO ₂ /graphite matrix, modified with benzimidazolium-1-acetate ionic liquid: Application as catechol sensor. <i>Journal of Molecular Liquids</i> , 2018, 251, 450-457.	2.3	12
94	Rapid determination of illegal additives chrysoidin and malachite green by surface-enhanced Raman scattering with silanized support based substrate. <i>Chinese Chemical Letters</i> , 2018, 29, 981-984.	4.8	15
95	Solar Light Responsive Poly(vinyl alcohol)-Assisted Hydrothermal Synthesis of Immobilized TiO ₂ /Ti Film with the Addition of Peroxymonosulfate for Photocatalytic Degradation of Ciprofloxacin in Aqueous Media: A Mechanistic Approach. <i>Journal of Physical Chemistry C</i> , 2018, 122, 406-421.	1.5	138
96	Narrowing the band gap of TiO ₂ by co-doping with Mn ²⁺ and Co ²⁺ for efficient photocatalytic degradation of enoxacin and its additional peroxidase like activity: A mechanistic approach. <i>Journal of Molecular Liquids</i> , 2018, 272, 403-412.	2.3	57
97	Chitosan/Ag-hydroxyapatite nanocomposite beads as a potential adsorbent for the efficient removal of toxic aquatic pollutants. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1752-1759.	3.6	94
98	Waste Moringa oleifera seed pods as green sorbent for efficient removal of toxic aquatic pollutants. <i>Journal of Environmental Management</i> , 2018, 227, 95-106.	3.8	53
99	Toxicities, kinetics and degradation pathways investigation of ciprofloxacin degradation using iron-mediated H ₂ O ₂ based advanced oxidation processes. <i>Chemical Engineering Research and Design</i> , 2018, 117, 473-482.	2.7	51
100	Carbamazepine degradation by UV and UV-assisted AOPs: Kinetics, mechanism and toxicity investigations. <i>Chemical Engineering Research and Design</i> , 2018, 117, 307-314.	2.7	90
101	Oxidative removal of brilliant green by UV/S ₂ O ₈ ²⁻ , UV/H ₂ SO ₅ and UV/H ₂ O ₂ processes in aqueous media: A comparative study. <i>Journal of Hazardous Materials</i> , 2018, 357, 506-514.	6.5	170
102	Hydrochemical processes determining the groundwater quality for irrigation use in an arid environment: The case of Liwa Aquifer, Abu Dhabi, United Arab Emirates. <i>Groundwater for Sustainable Development</i> , 2018, 7, 212-219.	2.3	41
103	Solar light driven degradation of norfloxacin using as-synthesized Bi ³⁺ and Fe ²⁺ co-doped ZnO with the addition of H ₂ SO ₅ : Toxicities and degradation pathways investigation. <i>Chemical Engineering Journal</i> , 2018, 351, 841-855.	6.6	209
104	Removal efficiency and economic cost comparison of hydrated electron-mediated reductive pathways for treatment of bromate. <i>Chemical Engineering Journal</i> , 2017, 320, 523-531.	6.6	43
105	Aging study of the powdered magnetite nanoparticles. <i>Materials Chemistry and Physics</i> , 2017, 189, 86-89.	2.0	6
106	Method Development for Selective and Nontargeted Identification of Nitro Compounds in Diesel Particulate Matter. <i>Energy & Fuels</i> , 2017, 31, 11615-11626.	2.5	6
107	An application of ionic liquid for preparation of homogeneous collagen and alginate hydrogels for skin dressing. <i>Journal of Molecular Liquids</i> , 2017, 243, 720-725.	2.3	43
108	Cellulose-based Materials for the Removal of Heavy Metals from Wastewater – An Overview. <i>ChemBioEng Reviews</i> , 2017, 4, 240-256.	2.6	125

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109	Vibrational spectroscopy of selective dental restorative materials. <i>Applied Spectroscopy Reviews</i> , 2017, 52, 507-540.	3.4	83
110	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. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 560-565.	0.7	6
111	Efficient Photocatalytic Degradation of Norfloxacin in Aqueous Media by Hydrothermally Synthesized Immobilized TiO ₂ /Ti Films with Exposed {001} Facets. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9916-9931.	1.1	90
112	Synergistic effects of H ₂ O ₂ in the gamma radiation driven process for the removal of chlorendic acid: A new alternative for water treatment. <i>Chemical Engineering Journal</i> , 2016, 306, 512-521.	6.6	57
113	VUV-Photocatalytic Degradation of Bezaflibrate by Hydrothermally Synthesized Enhanced {001} Facets TiO ₂ /Ti Film. <i>Journal of Physical Chemistry A</i> , 2016, 120, 118-127.	1.1	43
114	Gamma radiolytic decomposition of endosulfan in aerated solution: the role of carbonate radical. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12362-12371.	2.7	19
115	Degradation of quinolone antibiotic, norfloxacin, in aqueous solution using gamma-ray irradiation. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13155-13168.	2.7	102
116	Degradation of ciprofloxacin in water by advanced oxidation process: kinetics study, influencing parameters and degradation pathways. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 590-602.	1.2	73
117	Effect of ionic liquid on thermo-physical properties of bamboo biomass. <i>Wood Science and Technology</i> , 2015, 49, 897-913.	1.4	26
118	Polystyrenic porphyrins as catalysts for alkane oxidation. <i>Research on Chemical Intermediates</i> , 2015, 41, 6283-6287.	1.3	1
119	Assess the ability of detecting low concentration analyte with near-infrared spectroscopy based on dynamic enrichment. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 134, 58-66.	1.8	4
120	Determination of trace analytes based on diffuse reflectance spectroscopic techniques: development of a multichannel membrane filtration-enrichment device to improve repeatability. <i>RSC Advances</i> , 2014, 4, 52123-52129.	1.7	10
121	Calibration transfer of near-infrared spectra for extraction of informative components from spectra with canonical correlation analysis. <i>Journal of Chemometrics</i> , 2014, 28, 773-784.	0.7	36
122	Advanced oxidation for the treatment of chlorpyrifos in aqueous solution. <i>Chemosphere</i> , 2013, 93, 645-651.	4.2	83
123	Key wavelengths selection from near infrared spectra using Monte Carlo sampling recursive partial least squares. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013, 128, 17-24.	1.8	19
124	Assessment of ability to detect low concentration analyte with near-infrared spectroscopy based on pre-concentration technique. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013, 124, 1-8.	1.8	4
125	Sensitive determination of trace mercury by UV-visible diffuse reflectance spectroscopy after complexation and membrane filtration-enrichment. <i>Journal of Hazardous Materials</i> , 2012, 233-234, 207-212.	6.5	29
126	Ultra sensitive surface-enhanced Raman scattering detection based on monolithic column as a new type substrate. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1392-1396.	1.2	31

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127	Ultra-sensitive spectrophotometric determination of nickel after complexation and membrane filtration. <i>Mikrochimica Acta</i> , 2012, 177, 195-200.	2.5	18
128	Determination of Tricyclazole Content in Paddy Rice by Surface Enhanced Raman Spectroscopy. <i>Journal of Food Science</i> , 2012, 77, T105-9.	1.5	51
129	On-Line Determination of Trace Copper in Water Using Near-Infrared Spectroscopy and Fluidized Bed Enrichment. <i>Advanced Science Letters</i> , 2012, 17, 257-260.	0.2	2
130	Study on difference between epidermis, phloem and xylem of Radix Ginseng with near-infrared and infrared spectroscopy coupled with principal component analysis. <i>Vibrational Spectroscopy</i> , 2011, 55, 201-206.	1.2	18
131	Micro near infrared spectroscopy (MicroNIRS) based on on-line enrichment: Determination of trace copper in water using glycidyl methacrylate-based monolithic material. <i>Analytica Chimica Acta</i> , 2010, 670, 39-43.	2.6	10
132	Lignin/alginate/hydroxyapatite composite beads for the efficient removal of copper and nickel ions from aqueous solutions. , 0, 184, 199-213.		12