Zhang Libo

List of Publications by Year in descending order

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140	2,932	172457	223800
papers	citations	29 h-index	46 g-index

172	172	172	2421
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Post-functionalization of UiO-66-NH2 by 2,5-Dimercapto-1,3,4-thiadiazole for the high efficient removal of Hg(II) in water. Journal of Hazardous Materials, 2019, 368, 42-51.	12.4	210
2	Comparison of ultrasonic-assisted and regular leaching of germanium from by-product of zinc metallurgy. Ultrasonics Sonochemistry, 2016, 31, 143-149.	8.2	107
3	Ultrasound-assisted leaching of cobalt and lithium from spent lithium-ion batteries. Ultrasonics Sonochemistry, 2018, 48, 88-95.	8.2	94
4	Comparison of activated carbon and iron/cerium modified activated carbon to remove methylene blue from wastewater. Journal of Environmental Sciences, 2018, 65, 92-102.	6.1	89
5	Microwave Pyrolysis of Macadamia Shells for Efficiently Recycling Lithium from Spent Lithium-ion Batteries. Journal of Hazardous Materials, 2020, 396, 122740.	12.4	67
6	Preparation of a Novel Zn(II)-Imidazole Framework as an Efficient and Regenerative Adsorbent for Pb, Hg, and As Ion Removal From Water. ACS Applied Materials & Interfaces, 2020, 12, 41294-41302.	8.0	65
7	Investigation on the recovery of gold and silver from cyanide tailings using chlorination roasting process. Journal of Alloys and Compounds, 2018, 763, 241-249.	5.5	64
8	Microwave one-pot production of ZnO/Fe 3 O 4 /activated carbon composite for organic dye removal and the pyrolysis exhaust recycle. Journal of Cleaner Production, 2018, 188, 900-910.	9.3	63
9	Adsorption behavior of methylene blue onto waste-derived adsorbent and exhaust gases recycling. RSC Advances, 2017, 7, 27331-27341.	3.6	62
10	Phenylthiosemicarbazide-functionalized UiO-66-NH2 as highly efficient adsorbent for the selective removal of lead from aqueous solutions. Journal of Hazardous Materials, 2021, 413, 125278.	12.4	62
11	Microwave-absorbing properties of cathode material during reduction roasting for spent lithium-ion battery recycling. Journal of Hazardous Materials, 2020, 384, 121487.	12.4	61
12	Adenosine-functionalized UiO-66-NH2 to efficiently remove Pb(II) and Cr(VI) from aqueous solution: Thermodynamics, kinetics and isothermal adsorption. Journal of Hazardous Materials, 2022, 425, 127771.	12.4	61
13	Fabrication of MoS2 QDs/ZnO nanosheet 0D/2D heterojunction photocatalysts for organic dyes and gaseous heavy metal removal. Journal of Colloid and Interface Science, 2020, 579, 853-861.	9.4	55
14	Sulfur-Vacancy-Enriched MoS₂ Nanosheets Based Heterostructures for Near-Infrared Optoelectronic NO₂ Sensing. ACS Applied Nano Materials, 2020, 3, 665-673.	5.0	52
15	Microfluidic solvent extraction of La(III) with 2-ethylhexyl phosphoric acid-2-ethylhexyl ester (P507) by a microreactor. Chemical Engineering and Processing: Process Intensification, 2015, 91, 1-6.	3.6	50
16	Highly efficient metal-organic frameworks adsorbent for Pd(II) and Au(III) recovery from solutions: Experiment and mechanism. Environmental Research, 2022, 210, 112870.	7.5	50
17	Selective removal behavior and mechanism of trace Hg(II) using modified corn husk leaves. Chemosphere, 2019, 225, 65-72.	8.2	49
18	Enhanced and selective adsorption of Hg2+ to a trace level using trithiocyanuric acid-functionalized corn bract. Environmental Pollution, 2019, 244, 938-946.	7.5	49

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19	One pot preparation of magnetic chitosan-cystamine composites for selective recovery of Au(III) from the aqueous solution. International Journal of Biological Macromolecules, 2019, 137, 721-731.	7.5	44
20	Effectiveness of microwave-assisted thermal treatment in the extraction of gold in cyanide tailings. Journal of Hazardous Materials, 2020, 384, 121456.	12.4	41
21	Ultrasound augmented leaching of nickel sulfate in sulfuric acid and hydrogen peroxide media. Ultrasonics Sonochemistry, 2018, 40, 1021-1030.	8.2	40
22	Microwave field: High temperature dielectric properties and heating characteristics of waste hydrodesulfurization catalysts. Journal of Hazardous Materials, 2019, 366, 432-438.	12.4	39
23	Recycling of Carbon Fibers from CFRP Waste by Microwave Thermolysis. Processes, 2019, 7, 207.	2.8	38
24	Ultra fast ultrasound-assisted decopperization from copper anode slime. Ultrasonics Sonochemistry, 2017, 36, 20-26.	8.2	35
25	Pyrolysis of Crofton weed for the production of aldehyde rich bio-oil and combustible matter rich bio-gas. Applied Thermal Engineering, 2019, 148, 1164-1170.	6.0	35
26	Carbothermic Reduction of Panzhihua Oxidized Ilmenite in a Microwave Field. ISIJ International, 2011, 51, 337-343.	1.4	34
27	Synergistic extraction of gold from the refractory gold ore via ultrasound and chlorination-oxidation. Ultrasonics Sonochemistry, 2017, 37, 471-477.	8.2	34
28	Ultrasound-assisted leaching of rare earths from the weathered crust elution-deposited ore using magnesium sulfate without ammonia-nitrogen pollution. Ultrasonics Sonochemistry, 2018, 41, 156-162.	8.2	33
29	Removal of toxic arsenic (As(â...¢)) from industrial wastewater by ultrasonic enhanced zero-valent lead combined with CuSO4. Journal of Hazardous Materials, 2021, 408, 124464.	12.4	32
30	Carbothermal reduction of low-grade pyrolusite by microwave heating. RSC Advances, 2014, 4, 58164-58170.	3.6	31
31	High temperature dielectric properties of spent adsorbent with zinc sulfate by cavity perturbation technique. Journal of Hazardous Materials, 2017, 330, 36-45.	12.4	31
32	Selective Adsorption of Ag+ on a New Cyanuric-Thiosemicarbazide Chelating Resin with High Capacity from Acid Solutions. Polymers, 2017, 9, 568.	4.5	30
33	Preparation of 2-Aminothiazole-Functionalized Poly(glycidyl methacrylate) Microspheres and Their Excellent Gold Ion Adsorption Properties. Polymers, 2018, 10, 159.	4.5	30
34	Facile One-step Production of 2D/2D ZnO/rGO Nanocomposites under Microwave Irradiation for Photocatalytic Removal of Tetracycline. ACS Omega, 2021, 6, 3831-3839.	3.5	30
35	Mercury adsorption from aqueous solution by regenerated activated carbon produced from depleted mercury-containing catalyst by microwave-assisted decontamination. Journal of Cleaner Production, 2018, 196, 109-121.	9.3	29
36	Synthesis of copper nanoparticles by a T-shaped microfluidic device. RSC Advances, 2014, 4, 25155-25159.	3.6	28

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37	Study on mass transfer behavior of extracting La(III) with EHEHPA (P507) using rectangular cross-section microchannel. Hydrometallurgy, 2018, 175, 64-69.	4.3	28
38	Ninhydrin-functionalized chitosan for selective removal of Pb(II) ions: Characterization and adsorption performance. International Journal of Biological Macromolecules, 2021, 177, 29-39.	7.5	27
39	Study on non-isothermal kinetics of the thermal desorption of mercury from spent mercuric chloride catalyst. Journal of Hazardous Materials, 2017, 322, 325-333.	12.4	26
40	Ultrasound-assisted cleaning chloride from wastewater using Friedelâ€™s salt precipitation. Journal of Hazardous Materials, 2021, 403, 123545.	12.4	26
41	Evaluation of a cleaner production for cyanide tailings by chlorination thermal treatments. Journal of Cleaner Production, 2021, 281, 124195.	9.3	26
42	Ultrafast Synthesis of Te-Doped CoSb₃ with Excellent Thermoelectric Properties. ACS Applied Energy Materials, 2019, 2, 4477-4485.	5.1	25
43	Controllable synthesis porous Ag2CO3 nanorods for efficient photocatalysis. Nanoscale Research Letters, 2015, 10, 193.	5.7	24
44	Porous carbon materials derived from discarded COVID-19 masks via microwave solvothermal method for lithiumâ€‘sulfur batteries. Science of the Total Environment, 2022, 817, 152995.	8.0	23
45	Efficient cleaning extraction of silver from spent symbiosis lead-zinc mine assisted by ultrasound in sodium thiosulfate system. Ultrasonics Sonochemistry, 2018, 49, 118-127.	8.2	22
46	Engineering of UiO-66-NH2 as selective and reusable adsorbent to enhance the removal of Au(III) from water: Kinetics, isotherm and thermodynamics. Journal of Colloid and Interface Science, 2021, 601, 272-282.	9.4	22
47	Defluorination study of spent carbon cathode by microwave high-temperature roasting. Journal of Environmental Management, 2022, 302, 114028.	7.8	22
48	Dielectric Properties and Microwave Heating Characteristics of Sodium Chloride at 2.45ÂGHz. High Temperature Materials and Processes, 2013, 32, 587-596.	1.4	21
49	Crofton weed derived activated carbon by microwave-induced KOH activation and application to wastewater treatment. Journal of Porous Materials, 2016, 23, 1597-1607.	2.6	21
50	Microfluidic solvent extraction of Ce (III) and Pr (III) from a chloride solution using EHEHPA (P507) in a serpentine microreactor. Hydrometallurgy, 2018, 175, 266-272.	4.3	21
51	Cationâ€functionalized silica nanoparticle as an adsorbent to selectively adsorb anionic dye from aqueous solutions. Environmental Progress and Sustainable Energy, 2016, 35, 1070-1077.	2.3	20
52	Ultrasound-assisted oil removal of Î³-Al2O3-based spent hydrodesulfurization catalyst and microwave roasting recovery of metal Mo. Ultrasonics Sonochemistry, 2018, 49, 24-32.	8.2	20
53	Ultrasound-intensified Leaching of Gold from a Refractory Ore. ISIJ International, 2016, 56, 714-718.	1.4	19
54	Extraction of gold and silver in the selective chlorination roasting process of cyanidation tailing. Separation Science and Technology, 2018, 53, 458-466.	2.5	19

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55	Effectiveness of thermal treatment on Pb recovery and Cl removal from sintering dust. Journal of Hazardous Materials, 2021, 403, 123595.	12.4	19
56	Recent developments in the application of microwave energy in process metallurgy at KUST. Mineral Processing and Extractive Metallurgy Review, 2018, 39, 181-190.	5.0	17
57	Kinetic study of microwave enhanced mercury desorption for the regeneration of spent activated carbon supported mercuric chloride catalysts. Chemical Engineering Journal, 2021, 408, 127355.	12.7	17
58	Effect of temperature on the preparation of yttrium oxide in microwave field. Journal of Alloys and Compounds, 2018, 742, 13-19.	5.5	16
59	Cleaner process: Efficacy of chlorine in the recycling of gold from gold-containing tailings. Journal of Cleaner Production, 2021, 287, 125066.	9.3	16
60	Microwave hydrothermal synthesis of a Bi2SiO5/Bi12SiO20 heterojunction with oxygen vacancies and multiple charge transfer for enhanced photocatalytic activity. Applied Surface Science, 2022, 581, 152337.	6.1	16
61	Optimization of Microwave Drying Biomass Material of Stem Granules from Waste Tobacco Using Response Surface Methodology. Drying Technology, 2013, 31, 1234-1244.	3.1	15
62	Gold Extraction from Cyanidation Tailing Using Microwave Chlorination Roasting Method. Metals, 2018, 8, 1025.	2.3	15
63	Cleaner recovery of multiple valuable metals from cyanide tailings via chlorination roasting. Separation Science and Technology, 2021, 56, 2113-2123.	2.5	15
64	Dielectric Properties and Oxidation Roasting of Molybdenite Concentrate by Using Microwave Energy at 2.45 GHz Frequency. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2017, 48, 3047-3057.	2.1	14
65	Catalytic removal of mercury from waste carbonaceous catalyst by microwave heating. Journal of Hazardous Materials, 2018, 358, 198-206.	12.4	14
66	Liquidâ€“Liquid Extraction of Yttrium(III) Using 2-Ethylhexyl Phosphonic Acid Mono-2-ethylhexyl (EHEHPA) in a Microreactor: A Comparative Study. ACS Sustainable Chemistry and Engineering, 2019, 7, 1616-1621.	6.7	14
67	Dielectric properties and microwave heating behavior of neutral leaching residues from zinc metallurgy in the microwave field. Green Processing and Synthesis, 2020, 9, 97-106.	3.4	14
68	Facile cross-link method to synthesize chitosan-based adsorbent with superior selectivity toward gold ions: Batch and column studies. International Journal of Biological Macromolecules, 2021, 172, 210-222.	7.5	14
69	Microwave Drying of Anthracite: A Parameter Optimized by Response Surface Methodology. Arabian Journal for Science and Engineering, 2012, 37, 65-73.	1.1	13
70	Microwave and Ultrasound Augmented Leaching of Complicated Zinc Oxide Ores in Ammonia and Ammonium Citrate Solutions. Metals, 2017, 7, 216.	2.3	12
71	Chitosan functionalized with N,N-(2-aminoethyl)pyridinedicarboxamide for selective adsorption of gold ions from wastewater. International Journal of Biological Macromolecules, 2022, 194, 781-789.	7.5	12
72	Surface chemical characterization of deactivated low-level mercury catalysts for acetylene hydrochlorination. Chinese Journal of Chemical Engineering, 2018, 26, 364-372.	3.5	11

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73	Preparation and application of phosphinic acid functionalized nanosilica for the effective removal of mercury (II) in aqueous solutions. Journal of Sol-Gel Science and Technology, 2018, 87, 442-454.	2.4	11
74	Separation of Zn(II) from Zn-Ni-Co sulphate solution by di-(2-ethylhexyl)phosphoric acid (D2EHPA) using a slug flow microreactor. Chemical Engineering and Processing: Process Intensification, 2019, 143, 107562.	3.6	11
75	Efficient Preparation of Si3N4 by Microwave Treatment of Solar-Grade Waste Silicon Powder. ACS Omega, 2020, 5, 5834-5843.	3.5	11
76	Clean recycling of zinc from blast furnace dust with ammonium acetate as complexing agents. Separation Science and Technology, 2018, 53, 1327-1341.	2.5	10
77	Role of manganese dioxide in the recovery of oxideâ€“sulphide zinc ore. Journal of Hazardous Materials, 2018, 343, 315-323.	12.4	10
78	Ultrasound-Assisted Silver Leaching Process for Cleaner Production. Jom, 2020, 72, 766-773.	1.9	10
79	Extraction of Indium from By-products of Zinc Metallurgy by Ultrasonic Waves. Arabian Journal for Science and Engineering, 2020, 45, 7321-7328.	3.0	10
80	Application of diagnostic roasting method in thermochemical treatment for Au recovery from gold-containing tailings in microwave field. Minerals Engineering, 2021, 163, 106773.	4.3	10
81	Ligand Functionalized Ironâ€Based Metalâ€Organic Frameworks for Efficient Electrocatalytic Oxygen Evolution. ChemCatChem, 2021, 13, 4976-4984.	3.7	10
82	Recovery of Zn and Ge from zinc oxide dust by ultrasonic-H₂O₂ enhanced oxidation leaching. RSC Advances, 2021, 11, 33788-33797.	3.6	10
83	Roasting Pretreatment Combined with Ultrasonic Enhanced Leaching Lead from Electrolytic Manganese Anode Mud. Metals, 2019, 9, 601.	2.3	9
84	Microwaveâ€assisted catalytic pyrolysis of the<scp>Eupatorium adenophorum</scp>for obtaining valuable products. Environmental Progress and Sustainable Energy, 2020, 39, e13452.	2.3	9
85	Microwave-assisted regeneration of spent activated carbon containing zinc acetate and its application for removal of congo red. Desalination and Water Treatment, 2016, 57, 28496-28511.	1.0	8
86	Microwave-assisted regeneration of spent activated carbon from paracetamol wastewater plant using response surface methodology. Desalination and Water Treatment, 2016, 57, 18981-18991.	1.0	8
87	Selective Adsorption of Anionic Dye from Solutions by Modified Activated Carbon. Arabian Journal for Science and Engineering, 2018, 43, 5809-5817.	3.0	8
88	Preparation of activated carbon from spent catalyst with mercury by microwaveâ€induced CO₂ activation. Asia-Pacific Journal of Chemical Engineering, 2019, 14, e2272.	1.5	8
89	Investigation on the recovery of gold from pretreated cyanide tailings using chlorination leaching process. Separation Science and Technology, 2021, 56, 45-53.	2.5	8
90	Microwave-Absorbing of Carbothermic Reduced Products of Ilmenite and Oxidized Ilmenite. Journal of Microwave Power and Electromagnetic Energy, 2014, 48, 192-202.	0.8	7

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91	Study on dechlorination kinetics from zinc oxide dust by clean metallurgy technology. Green Processing and Synthesis, 2016, 5, .	3.4	7
92	Optimization of Experiments for Microwave Drying of Hydrometallurgy Mud Using Response Surface Methodology. Arabian Journal for Science and Engineering, 2016, 41, 569-576.	1.1	7
93	Facile Synthesis of Nanocrystal Tin Oxide Hollow Microspheres by Microwave-Assisted Spray Pyrolysis Method. Journal of Materials Science and Technology, 2017, 33, 874-878.	10.7	7
94	Analysis of dielectric characterization and microwave adsorbing properties in organism-contained spent carbon: An efficient regeneration method via microwave-assisted ultrasound. Chemical Engineering and Processing: Process Intensification, 2018, 125, 74-86.	3.6	7
95	Dielectric Characterizations and Microwave Heating Behavior of Zinc Compound in Microwave Field. Arabian Journal for Science and Engineering, 2018, 43, 2329-2338.	3.0	7
96	Kinetics of Arsenic Removal in Waste Acid by the Combination of CuSO4 and Zero-Valent Iron. Processes, 2019, 7, 401.	2.8	7
97	Efficient Recycling of Silver and Copper from Sintering Dust by Chlorination Roasting Process. Arabian Journal for Science and Engineering, 2021, 46, 6663-6672.	3.0	7
98	Martensitic transformation thermodynamic calculation of ZrO₂â€“MgO system. Phase Transitions, 2012, 85, 1022-1029.	1.3	6
99	Separation of In³⁺and Fe³⁺from sulfate solutions using D2EHPA in a laminar microreactor. Canadian Metallurgical Quarterly, 2015, 54, 432-438.	1.2	6
100	Leaching behaviour of rare earth elements from low-grade weathered crust elution-deposited rare earth ore using magnesium sulfate. Clay Minerals, 2018, 53, 505-514.	0.6	6
101	Synthesis of copper-loaded activated carbon for enhancing the photocatalytic removal of methylene blue. Journal of Molecular Liquids, 2018, 272, 353-360.	4.9	6
102	Comparison of microwave roasting on wet/dry mixture of diasporic bauxite with alkaline: revealing the intensifying effect of H₂O on chemical reaction. Journal of Microwave Power and Electromagnetic Energy, 2016, 50, 217-236.	0.8	5
103	Kinetics of ultrasound-assisted silver leaching from sintering dust using thiourea. Green Processing and Synthesis, 2016, 5, 31-40.	3.4	5
104	Optimization of uranium removal from uranium plant wastewater by response surface methodology (RSM). Green Processing and Synthesis, 2019, 8, 808-813.	3.4	5
105	Effects of Sodium Peroxide Additives on Dielectric Properties and Microwave Roasting Mechanism of Zinc Sulfide Concentrate. Jom, 2020, 72, 1920-1926.	1.9	5
106	Mechanism of arsenic removal from tanninâ€â€˜germanium complex augmented by ultrasound. Hydrometallurgy, 2022, 213, 105931.	4.3	5
107	Microwave-Absorbing Characteristics and XRD Characterization of Magnetic Separation Products of Reductive Products of Ilmenite Concentrate. Minerals (Basel, Switzerland), 2016, 6, 99.	2.0	4
108	In-situ surface modification of precipitated silica nanoparticles with 3-methacryloxypropyltrimethoxysilane in carbonation process. Research on Chemical Intermediates, 2021, 47, 3037-3050.	2.7	4

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109	Impacts of ultrasound on leaching recovery of zinc from low grade zinc oxide ore. Green Processing and Synthesis, 2015, 4, .	3.4	3
110	Microwave heating behaviors of used mercury-containing catalysts. Chemical Engineering Communications, 2018, 205, 1653-1664.	2.6	3
111	Desorption kinetic study of mercury species in spent mercury chloride catalyst from polyvinyl chloride production process. Environmental Progress and Sustainable Energy, 2019, 38, 13201.	2.3	3
112	Surface-decorated SnO nanoflowers with P25 for enhanced visible light photocatalytic degradation of MO. Journal of the Australian Ceramic Society, 2019, 55, 825-829.	1.9	3
113	Optimization of the synergy between reduction leaching of manganese anode slime and oxidation pretreatment of refractory gold ore by response surface methodology. Chemical Papers, 2020, 74, 1669-1677.	2.2	3
114	Microwave-assisted preparation of manganese dioxide modified activated carbon for adsorption of lead ions. Water Science and Technology, 2020, 82, 170-184.	2.5	3
115	Catalytic pyrolysis of Eupatorium adenophorum by sodium salt. Journal of Material Cycles and Waste Management, 2021, 23, 1626-1635.	3.0	3
116	Facile Preparation and Characterization of Nd2O3 Powder by Calcination of Neodymium Oxalate in Microwave Field. Jom, 2022, 74, 909-914.	1.9	3
117	Carbothermic reduction kinetics of ilmenite concentrates catalyzed by sodium chloride and microwave-absorbing characteristics of reductive products. Mining, Metallurgy and Exploration, 2013, 30, 108-116.	0.8	2
118	Experimental optimization of microwave drying zinc oxide leach residues by response surface methodology. Green Processing and Synthesis, 2017, 6, 523-532.	3.4	2
119	Change in Microwave-Absorbing Characteristics during the Oxidation Processes of an Ilmenite Concentrate. High Temperature Materials and Processes, 2017, 36, 779-787.	1.4	2
120	Regenerating mercurous chloride-loaded porous carbon complex through steam-induced thermal activation. Materials Research Express, 2018, 5, 095601.	1.6	2
121	Mercury removal from spent lowâ€level mercury catalyst by thermal treatment. Canadian Journal of Chemical Engineering, 0, , .	1.7	2
122	Fast Synthesis of Submicron Zeolite Y Using Microwave Heating. Kinetics and Catalysis, 2021, 62, 436-444.	1.0	2
123	Study on the one-step hydrothermal synthesis of REY (rare earth Y) zeolites from kaolin activated by microwave heating. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	2
124	Ozonation precipitation for iron removal in zinc hydrometallurgy. Canadian Metallurgical Quarterly, 2023, 62, 99-106.	1.2	2
125	Dechlorination Mechanism of CuCl Residue from Zinc Hydrometallurgy by Microwave Roasting. High Temperature Materials and Processes, 2014, .	1.4	1
126	Oxidation of High Titanium Slag through Microwave Treatment. High Temperature Materials and Processes, 2015, 34, .	1.4	1

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127	Removal of Fluorides and Chlorides from Zinc Oxide Fumes by Microwave Sulfating Roasting. High Temperature Materials and Processes, 2015, 34, .	1.4	1
128	Optimization of preparation of CO3O4 by microwave calcination from basic cobalt carbonate. Journal of Microwave Power and Electromagnetic Energy, 2016, 50, 138-150.	0.8	1
129	Preparation of Coating Material of Welding Electrode from Marine Placer via Carbothermic Reduction. ISIJ International, 2017, 57, 1603-1608.	1.4	1
130	Microwave regeneration of spent catalyst coupled with ultrasound augmented copper impregnation as a potential adsorbent photocatalyst. Materials Research Express, 2019, 6, 045608.	1.6	1
131	Effect of process parameters on the visible light photocatalytic performance of SnO by microwave synthesis. Journal of the Australian Ceramic Society, 2020, 56, 227-232.	1.9	1
132	Ultrasound and microwave-assisted recycling of spent mercuric chloride catalyst. Environmental Technology (United Kingdom), 2020, , 1-12.	2.2	1
133	Kinetics modeling of the volatilization of mercury compounds involved in spent mercury-containing catalyst under microwave irradiation. Arabian Journal of Chemistry, 2021, 14, 103135.	4.9	1
134	A naked-eyes detection method and the influence of solid particles for the ultrasonic cavitation. Chemical Papers, 2021, 75, 6389.	2.2	1
135	Microwave absorption and roasting characteristics of zinc sulfide concentrate. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2698.	1.5	1
136	Hg/Se/PbSO4 Recovery by Microwave-Intensified HgSe Pyrolysis from Toxic Acid Mud. Metals, 2022, 12, 1038.	2.3	1
137	Kinetics of nonâ€isothermal decomposition of basic cobalt carbonate. Canadian Journal of Chemical Engineering, 2010, 88, 777-782.	1.7	0
138	Alkaline leaching of zinc from low-grade oxide zinc ore using ammonium citrate as complexing agent. Green Processing and Synthesis, 2015, 4, .	3.4	0
139	Dielectric Properties of Zinc Oxide Leach Residues Relevant to Microwave Drying. Jom, 2017, 69, 2768-2773.	1.9	0
140	Enhanced Combustion of Bituminous Coal and Semicoke Mixture by Ferric Oxide with Thermographic and Kinetic Analyses. Materials, 2021, 14, 7696.	2.9	0