

Hyunjung Kim

List of Publications by Year in descending order

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132
papers

4,749
citations

76294

40
h-index

128225

60
g-index

132
all docs

132
docs citations

132
times ranked

4052
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of inorganic ions and natural organic matter on the aggregation of nanoplastics. <i>Chemosphere</i> , 2018, 197, 142-151.	4.2	174
2	Transport behaviors of plastic particles in saturated quartz sand without and with biochar/Fe ₃ O ₄ -biochar amendment. <i>Water Research</i> , 2020, 169, 115284.	5.3	137
3	Processable high internal phase Pickering emulsions using depletion attraction. <i>Nature Communications</i> , 2017, 8, 14305.	5.8	127
4	The dissolution and passivation mechanism of chalcopyrite in bioleaching: An overview. <i>Minerals Engineering</i> , 2019, 136, 140-154.	1.8	124
5	Millimeter-sized spherical ion-sieve foams with hierarchical pore structure for recovery of lithium from seawater. <i>Chemical Engineering Journal</i> , 2012, 210, 482-489.	6.6	119
6	Influence of Clay Particles on the Transport and Retention of Titanium Dioxide Nanoparticles in Quartz Sand. <i>Environmental Science & Technology</i> , 2014, 48, 7323-7332.	4.6	112
7	Transport and deposition of ZnO nanoparticles in saturated porous media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 401, 29-37.	2.3	109
8	Cotransport and Deposition of Iron Oxides with Different-Sized Plastic Particles in Saturated Quartz Sand. <i>Environmental Science & Technology</i> , 2019, 53, 3547-3557.	4.6	95
9	Contributions of Nanoscale Roughness to Anomalous Colloid Retention and Stability Behavior. <i>Langmuir</i> , 2017, 33, 10094-10105.	1.6	94
10	Amine-impregnated millimeter-sized spherical silica foams with hierarchical mesoporous-macroporous structure for CO ₂ capture. <i>Chemical Engineering Journal</i> , 2015, 259, 653-662.	6.6	91
11	Aggregation and dissolution of ZnO nanoparticles synthesized by different methods: Influence of ionic strength and humic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 451, 7-15.	2.3	85
12	Influence of physicochemical surface properties on the adhesion of bacteria onto four types of plastics. <i>Science of the Total Environment</i> , 2019, 671, 1101-1107.	3.9	85
13	Influence of humic acid on the transport behavior of bacteria in quartz sand. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 91, 122-129.	2.5	78
14	Cotransport of Titanium Dioxide and Fullerene Nanoparticles in Saturated Porous Media. <i>Environmental Science & Technology</i> , 2013, 47, 5703-5710.	4.6	78
15	Transport and retention behaviors of titanium dioxide nanoparticles in iron oxide-coated quartz sand: Effects of pH, ionic strength, and humic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 454, 119-127.	2.3	76
16	Flotation behaviour of malachite in mono- and di-valent salt solutions using sodium oleate as a collector. <i>International Journal of Mineral Processing</i> , 2016, 146, 38-45.	2.6	74
17	Modeling colloid and microorganism transport and release with transients in solution ionic strength. <i>Water Resources Research</i> , 2012, 48, .	1.7	73
18	Influence of natural organic matter on the transport and deposition of zinc oxide nanoparticles in saturated porous media. <i>Journal of Colloid and Interface Science</i> , 2012, 386, 34-43.	5.0	72

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19	Transport, retention, and long-term release behavior of ZnO nanoparticle aggregates in saturated quartz sand: Role of solution pH and biofilm coating. <i>Water Research</i> , 2016, 90, 247-257.	5.3	72
20	Modeling Microorganism Transport and Survival in the Subsurface. <i>Journal of Environmental Quality</i> , 2014, 43, 421-440.	1.0	71
21	Control of pore size in ceramic foams: Influence of surfactant concentration. <i>Materials Chemistry and Physics</i> , 2009, 113, 441-444.	2.0	67
22	Transport and Retention of Fullerene Nanoparticles in Natural Soils. <i>Journal of Environmental Quality</i> , 2010, 39, 1925-1933.	1.0	65
23	Bioleaching of highly concentrated arsenic mine tailings by <i>Acidithiobacillus ferrooxidans</i> . <i>Separation and Purification Technology</i> , 2014, 133, 291-296.	3.9	64
24	Influence of excess sulfide ions on the malachite-bubble interaction in the presence of thiol-collector. <i>Separation and Purification Technology</i> , 2016, 168, 1-7.	3.9	64
25	Initial transport and retention behaviors of ZnO nanoparticles in quartz sand porous media coated with <i>Escherichia coli</i> biofilm. <i>Environmental Pollution</i> , 2013, 174, 38-49.	3.7	63
26	Implications of Cation Exchange on Clay Release and Colloid-Facilitated Transport in Porous Media. <i>Journal of Environmental Quality</i> , 2010, 39, 2040-2046.	1.0	60
27	Extraction of nickel and cobalt from a laterite ore using the carbothermic reduction roasting-ammoniacal leaching process. <i>Separation and Purification Technology</i> , 2020, 232, 115971.	3.9	60
28	Influence of graphene oxide on the transport and deposition behaviors of colloids in saturated porous media. <i>Environmental Pollution</i> , 2017, 225, 141-149.	3.7	56
29	Influence of Bentonite Particles on Representative Gram Negative and Gram Positive Bacterial Deposition in Porous Media. <i>Environmental Science & Technology</i> , 2012, 46, 11627-11634.	4.6	51
30	Bioleaching of arsenic from highly contaminated mine tailings using <i>Acidithiobacillus thiooxidans</i> . <i>Journal of Environmental Management</i> , 2015, 147, 124-131.	3.8	50
31	Bioflotation of malachite using different growth phases of <i>Rhodococcus opacus</i> : Effect of bacterial shape on detachment by shear flow. <i>International Journal of Mineral Processing</i> , 2015, 143, 98-104.	2.6	47
32	Circular bioeconomy and environmental benignness through microbial recycling of e-waste: A case study on copper and gold restoration. <i>Waste Management</i> , 2021, 121, 175-185.	3.7	46
33	Experiences and Future Challenges of Bioleaching Research in South Korea. <i>Minerals (Basel)</i> , 2021, 11, 1045.	0.78	45
34	Hydrometallurgical recycling of palladium and platinum from exhausted diesel oxidation catalysts. <i>Separation and Purification Technology</i> , 2020, 248, 117029.	3.9	45
35	Leaching of exhausted LNCM cathode batteries in ascorbic acid lixiviant: a green recycling approach, reaction kinetics and process mechanism. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2286-2294.	1.6	44
36	Adaptation of a mixed culture of acidophiles for a tank biooxidation of refractory gold concentrates containing a high concentration of arsenic. <i>Journal of Bioscience and Bioengineering</i> , 2016, 121, 536-542.	1.1	43

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37	Impact of total organic carbon and specific surface area on the adsorption capacity in Horn River shale. <i>Journal of Petroleum Science and Engineering</i> , 2017, 149, 331-339.	2.1	43
38	Influence of Ti doping level on hydrogen adsorption of mesoporous Ti-SBA-15 materials prepared by direct synthesis. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 14240-14247.	3.8	42
39	Cotransport of multi-walled carbon nanotubes and titanium dioxide nanoparticles in saturated porous media. <i>Environmental Pollution</i> , 2014, 195, 31-38.	3.7	42
40	Stability of carboxyl-functionalized carbon black nanoparticles: the role of solution chemistry and humic acid. <i>Environmental Science: Nano</i> , 2017, 4, 800-810.	2.2	42
41	Biotechnological recycling of critical metals from waste printed circuit boards. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2796-2810.	1.6	42
42	The role of cupric ions in the oxidative dissolution process of marmatite: A dependence on Cu ²⁺ concentration. <i>Science of the Total Environment</i> , 2019, 675, 213-223.	3.9	40
43	Porous Ca-based bead sorbents for simultaneous removal of SO ₂ , fine particulate matters, and heavy metals from pilot plant sewage sludge incineration. <i>Journal of Hazardous Materials</i> , 2015, 283, 44-52.	6.5	39
44	Analysis of stability behavior of carbon black nanoparticles in ecotoxicological media: Hydrophobic and steric effects. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 554, 306-316.	2.3	38
45	Flotation separation of quartz from apatite and surface forces in bubble-particle interactions: Role of pH and cationic amine collector contents. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 70, 107-115.	2.9	38
46	Influence of Perfluorooctanoic Acid on the Transport and Deposition Behaviors of Bacteria in Quartz Sand. <i>Environmental Science & Technology</i> , 2016, 50, 2381-2388.	4.6	37
47	Influence of nutrient conditions on the transport of bacteria in saturated porous media. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 752-758.	2.5	36
48	Removal of Cadmium and Lead from Aqueous Solution by Hydroxyapatite/Chitosan Hybrid Fibrous Sorbent: Kinetics and Equilibrium Studies. <i>Journal of Chemistry</i> , 2015, 2015, 1-12.	0.9	34
49	Influence of bacterial adhesion on copper extraction from printed circuit boards. <i>Separation and Purification Technology</i> , 2015, 143, 169-176.	3.9	34
50	Feasibility of bench-scale selective bioflotation of copper oxide minerals using <i>Rhodococcus opacus</i> . <i>Hydrometallurgy</i> , 2017, 168, 94-102.	1.8	34
51	Biotechnological recycling of hazardous waste PCBs using <i>Sulfobacillus thermosulfidooxidans</i> through pretreatment of toxicant metals: Process optimization and kinetic studies. <i>Chemosphere</i> , 2022, 286, 131978.	4.2	34
52	Different electrically charged proteins result in diverse bacterial transport behaviors in porous media. <i>Water Research</i> , 2018, 143, 425-435.	5.3	33
53	Gold recovery from secondary waste of PCBs by electro-Cl ₂ leaching in brine solution and solvo-chemical separation with tri-butyl phosphate. <i>Journal of Cleaner Production</i> , 2021, 295, 126389.	4.6	33
54	Deposition kinetics of MS2 bacteriophages on clay mineral surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 92, 340-347.	2.5	32

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55	Effect of Carbon Nanotubes on the Transport and Retention of Bacteria in Saturated Porous Media. <i>Environmental Science & Technology</i> , 2013, 47, 11537-11544.	4.6	32
56	Influence of Bisphenol A on the transport and deposition behaviors of bacteria in quartz sand. <i>Water Research</i> , 2017, 121, 1-10.	5.3	32
57	Influence of Nano- and Microplastic Particles on the Transport and Deposition Behaviors of Bacteria in Quartz Sand. <i>Environmental Science & Technology</i> , 2018, 52, 11555-11563.	4.6	32
58	Comparison of Types and Amounts of Nanoscale Heterogeneity on Bacteria Retention. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	32
59	Particle–bubble interaction energies for particles with physical and chemical heterogeneities. <i>Minerals Engineering</i> , 2020, 155, 106472.	1.8	32
60	Intensified bioleaching of chalcopyrite concentrate using adapted mesophilic culture in continuous stirred tank reactors. <i>Bioresource Technology</i> , 2020, 307, 123181.	4.8	32
61	Electrostatically Controlled Enrichment of Lepidolite via Flotation. <i>Materials Transactions</i> , 2012, 53, 2191-2194.	0.4	31
62	Arsenic removal from contaminated soils for recycling via oil agglomerate flotation. <i>Chemical Engineering Journal</i> , 2016, 285, 207-217.	6.6	31
63	Influence of natural organic matter on the deposition kinetics of extracellular polymeric substances (EPS) on silica. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 87, 151-158.	2.5	29
64	Extraction equilibria of cerium(IV) with Cyanex 923 followed by precipitation kinetics of cerium(III) oxalate from sulfate solution. <i>Separation and Purification Technology</i> , 2021, 254, 117634.	3.9	29
65	O ₂ -enriched microbial activity with pH-sensitive solvo-chemical and electro-chlorination strategy to reclaim critical metals from the hazardous waste printed circuit boards. <i>Journal of Hazardous Materials</i> , 2021, 416, 125769.	6.5	29
66	Influence of gravity on transport and retention of representative engineered nanoparticles in quartz sand. <i>Journal of Contaminant Hydrology</i> , 2015, 181, 153-160.	1.6	28
67	Electrospun hydrogen manganese oxide nanofibers as effective adsorbents for Li ⁺ recovery from seawater. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 81, 115-123.	2.9	27
68	Shape and orientation of bare silica particles influence their deposition under intermediate ionic strength: A study with QCM–D and DLVO theory. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 599, 124921.	2.3	26
69	Mobilization of platinum and palladium from exhausted catalytic converters using bio-cyanide and an ionic-liquid as mass transport carriers. <i>Green Chemistry</i> , 2022, 24, 5204-5218.	4.6	26
70	Effect of bacteria on the transport and deposition of multi-walled carbon nanotubes in saturated porous media. <i>Environmental Pollution</i> , 2016, 213, 895-903.	3.7	25
71	Bubble–particle interactions with hydrodynamics, XDLVO theory, and surface roughness for flotation in an agitated tank using CFD simulations. <i>Minerals Engineering</i> , 2020, 152, 106368.	1.8	25
72	Cleaner production of rare earth elements from phosphorus-bearing sulfuric acid solution of vein deposit monazite. <i>Journal of Cleaner Production</i> , 2021, 278, 123435.	4.6	25

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73	Influence of silicate on the transport of bacteria in quartz sand and iron mineral-coated sand. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 995-1002.	2.5	24
74	Relationship between Synthesis Conditions and Photocatalytic Activity of Nanocrystalline TiO ₂ . <i>Journal of Nanomaterials</i> , 2012, 2012, 1-10.	1.5	23
75	Bioleaching of arsenopyrite from Janggun mine tailings (South Korea) using an adapted mixed mesophilic culture. <i>Hydrometallurgy</i> , 2018, 181, 21-28.	1.8	23
76	Malachite flotation using carbon black nanoparticles as collectors: Negative impact of suspended nanoparticle aggregates. <i>Minerals Engineering</i> , 2019, 137, 19-26.	1.8	23
77	Liquidâ€“Liquid Extraction and Reductive Stripping of Chromium to Valorize Industrial Effluent. <i>Jom</i> , 2020, 72, 839-846.	0.9	23
78	Preparation of dip-coated TiO ₂ photocatalyst on ceramic foam pellets. <i>Journal of Materials Science</i> , 2006, 41, 6150-6153.	1.7	22
79	Causes and implications of colloid and microorganism retention hysteresis. <i>Journal of Contaminant Hydrology</i> , 2012, 138-139, 83-92.	1.6	22
80	Flotation Behavior of Arsenopyrite and Pyrite, and Their Selective Separation. <i>Materials Transactions</i> , 2015, 56, 435-440.	0.4	21
81	Continuous bioleaching of arsenopyrite from mine tailings using an adapted mesophilic microbial culture. <i>Hydrometallurgy</i> , 2019, 187, 187-194.	1.8	21
82	Prediction of grade and recovery in flotation from physicochemical and operational aspects using machine learning models. <i>Minerals Engineering</i> , 2022, 183, 107627.	1.8	21
83	Synthesis and characterization of orthorhombic-MoO ₃ nanofibers with controlled morphology and diameter. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 62, 231-238.	2.9	20
84	Interaction energies for hollow and solid cylinders: Role of aspect ratio and particle orientation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 580, 123781.	2.3	20
85	Colloid Interaction Energies for Surfaces with Steric Effects and Incompressible and/or Compressible Roughness. <i>Langmuir</i> , 2021, 37, 1501-1510.	1.6	20
86	Synthesis and characterization of high-surface-area millimeter-sized silica beads with hierarchical multi-modal pore structure by the addition of agar. <i>Materials Characterization</i> , 2014, 90, 31-39.	1.9	19
87	Hydrometallurgical Recycling of Rare Earth Metalâ€“Cerium from Bio-processed Residual Waste of Exhausted Automobile Catalysts. <i>Jom</i> , 2021, 73, 19-26.	0.9	19
88	Separation of platinum group metals from model chloride solution using phosphonium-based ionic liquid. <i>Separation and Purification Technology</i> , 2021, 278, 119577.	3.9	19
89	Arsenic Removal from Mine Tailings for Recycling via Flotation. <i>Materials Transactions</i> , 2013, 54, 2291-2296.	0.4	18
90	Pore Structure Characterization of Shale Using Gas Physisorption: Effect of Chemical Compositions. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 66.	0.8	18

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91	Preparation of Sizable and Uniform-Sized Spherical Ceramic Foams: Drop-Oil and Agar Gelation. <i>Journal of the American Ceramic Society</i> , 2011, 94, 2742-2745.	1.9	17
92	Fabrication and characterization of macroporous flyash ceramic pellets. <i>Materials Characterization</i> , 2011, 62, 817-824.	1.9	17
93	Relationship between Surface Characteristics and Floatability in Representative Sulfide Minerals: Role of Surface Oxidation. <i>Materials Transactions</i> , 2017, 58, 1069-1075.	0.4	16
94	Control of pore and window size of ceramic foams with tri-modal pore structure: Influence of agar concentration. <i>Materials Letters</i> , 2013, 110, 256-259.	1.3	15
95	Transport of carboxyl-functionalized carbon black nanoparticles in saturated porous media: Column experiments and model analyses. <i>Journal of Contaminant Hydrology</i> , 2015, 177-178, 194-205.	1.6	15
96	Analysis of the effects of natural organic matter in zinc beneficiation. <i>Journal of Cleaner Production</i> , 2017, 168, 814-822.	4.6	15
97	Inorganic nanofiber as a promising sorbent for lithium recovery. <i>Separation and Purification Technology</i> , 2020, 242, 116757.	3.9	15
98	Evaluation of permeable pore sizes of macroporous materials using a modified gas permeation method. <i>Materials Characterization</i> , 2009, 60, 14-20.	1.9	14
99	Cationic collector conformations on an oxide mineral interface: Roles of pH, ionic strength, and ion valence. <i>Minerals Engineering</i> , 2020, 150, 106277.	1.8	14
100	Influence of solution chemistry on the deposition and detachment kinetics of RNA on silica surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 443-449.	2.5	13
101	Influence of sulfate on the transport of bacteria in quartz sand. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 110, 443-449.	2.5	13
102	Pore Characteristics and Hydrothermal Stability of Mesoporous Silica: Role of Oleic Acid. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-8.	1.5	13
103	Surface Modification of Calcium Carbonate with Cationic Polymer and Their Dispersibility. <i>Materials Transactions</i> , 2012, 53, 2195-2199.	0.4	12
104	Biodegradation mechanism of arsenopyrite mine tailing with <i>Acidithiobacillus ferrooxidans</i> and influence of ferric supplements. <i>International Biodeterioration and Biodegradation</i> , 2020, 153, 105042.	1.9	11
105	Characterization of stone powder sludge foams and their application to wastewater treatment: Role of pore connectivity. <i>Materials Chemistry and Physics</i> , 2012, 134, 26-30.	2.0	10
106	Surface Charge Regulation of Carboxyl Terminated Polystyrene Latex Particles and Their Interactions at the Oil/Water Interface. <i>Langmuir</i> , 2014, 30, 12164-12170.	1.6	10
107	Role of Chain Length and Type on the Adsorption Behavior of Cationic Surfactants and the Silica Floatability. <i>Materials Transactions</i> , 2014, 55, 1344-1349.	0.4	10
108	Chalcopyrite Bioleaching Using Adapted Mesophilic Microorganisms: Effects of Temperature, Pulp Density, and Initial Ferrous Concentrations. <i>Materials Transactions</i> , 2018, 59, 1860-1866.	0.4	10

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109	Application of Depletion Attraction in Mineral Flotation: I. Theory. Minerals (Basel, Switzerland), 2018, 8, 451.	0.8	10
110	Application of Depletion Attraction in Mineral Flotation: II. Effects of Depletant Concentration. Minerals (Basel, Switzerland), 2018, 8, 450.	0.8	10
111	Fungal bioextraction of iron from kaolin. Chemical Papers, 2019, 73, 3025-3029.	1.0	9
112	Mobilisation of hazardous elements from arsenic-rich mine drainage ochres by three Aspergillus species. Journal of Hazardous Materials, 2021, 409, 124938.	6.5	8
113	Column Bioleaching of Arsenic from Mine Tailings Using a Mixed Acidophilic Culture: A Technical Feasibility Assessment. Journal of the Korean Institute of Resources Recycling, 2015, 24, 69-77.	0.4	8
114	Pore characteristics of Ca(OH) ₂ foams: Impact of surfactant-mineral interaction. Materials Chemistry and Physics, 2010, 124, 510-515.	2.0	7
115	Transport of citrate-coated silver nanoparticles in saturated porous media. Environmental Geochemistry and Health, 2020, 42, 1753-1766.	1.8	7
116	Influence of sulfate and phosphate on the deposition of plasmid DNA on silica and alumina-coated surfaces. Colloids and Surfaces B: Biointerfaces, 2014, 118, 83-89.	2.5	6
117	Aspergillus niger Decreases Bioavailability of Arsenic(V) via Biotransformation of Manganese Oxide into Biogenic Oxalate Minerals. Journal of Fungi (Basel, Switzerland), 2020, 6, 270.	1.5	6
118	Roles of solution chemistry and reagent-reagent interaction on carboxymethylcellulose adsorption onto graphite and implications on its floatability. Minerals Engineering, 2021, 167, 106873.	1.8	6
119	Intensive Leaching of Red Phosphor Rare Earth Metals from Waste Fluorescent Lamp: Parametric Optimization and Kinetic Studies. Jom, 2022, 74, 1054-1060.	0.9	6
120	Bacterial Inactivation by Ultrasonic Waves: Role of Ionic Strength, Humic Acid, and Temperature. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	5
121	Bioleaching of Manganese Oxides at Different Oxidation States by Filamentous Fungus Aspergillus niger. Journal of Fungi (Basel, Switzerland), 2021, 7, 808.	1.5	5
122	Fungal Mobilization of Selenium in the Presence of Hausmannite and Ferric Oxyhydroxides. Journal of Fungi (Basel, Switzerland), 2021, 7, 810.	1.5	5
123	A study of nanofluid stability in low salinity water to enhance oil recovery: An extended physicochemical approach. Journal of Petroleum Science and Engineering, 2022, 215, 110608.	2.1	5
124	TiO ₂ -Coated Silica Foams by In-Situ Sol-Gel Reaction. Materials Transactions, 2011, 52, 2245-2249.	0.4	4
125	Synthesis and Characterization of Mesoporous Silica from Anorthite-Clay Mineral: Role of Mechanical Activation. Materials Transactions, 2014, 55, 1895-1899.	0.4	4
126	Bioleaching for the Removal of Arsenic from Mine Tailings by Psychrotolerant and Mesophilic Microbes at Markedly Continental Climate Temperatures. Minerals (Basel, Switzerland), 2020, 10, 972.	0.8	4

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127	Assessment of <i>Aspergillus niger</i> Strain's Suitability for Arsenate-Contaminated Water Treatment and Adsorbent Recycling via Bioextraction in a Laboratory-Scale Experiment. <i>Microorganisms</i> , 2020, 8, 1668.	1.6	4
128	Selective Removal of Arsenic Compounds from the Contaminated Paddy Soil in China Using Froth Flotation Technique. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2016, 38, 343-352.	0.4	1
129	Perspectives on the concepts of futuristic mineral concentration using microscopic robots. <i>Geosystem Engineering</i> , 0, , 1-7.	0.7	1
130	Mobility of Carbon Nanomaterials in Soil Media. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2014, 36, 588-595.	0.4	0
131	Editorial on Special Issue "Surface Chemistry in Mineral Processing and Extractive Metallurgy". <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 13.	0.8	0
132	Chemical Kinetics of Nanoparticles in the Emulsion State during Phase-Transfer Synthesis. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26157-26166.	1.5	0