

Zhaohui Li

List of Publications by Year in descending order

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267
papers

13,421
citations

25423

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all docs

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267
times ranked

12567
citing authors

#	ARTICLE	IF	CITATIONS
1	Sorption of Acridine Orange on Non-Swelling and Swelling Clay Minerals. <i>Crystals</i> , 2022, 12, 118.	1.0	6
2	Seizing forbidden drug ranitidine by illite and the adsorption mechanism study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 639, 128395.	2.3	6
3	Transformation of Ordered Albite into Kaolinite: Implication for the "Booklet" Morphology. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 1133-1142.	1.2	3
4	Surfaces and Interfaces of Clay Minerals. <i>Crystals</i> , 2022, 12, 357.	1.0	0
5	Removal of toluidine blue from water using 1:1 layered clay minerals. <i>Advanced Powder Technology</i> , 2022, 33, 103608.	2.0	5
6	Mechanisms of Selected Anionic Dye Removal by Clinoptilolite. <i>Crystals</i> , 2022, 12, 727.	1.0	4
7	Coupled redox cycling of Fe and Mn in the environment: The complex interplay of solution species with Fe- and Mn-(oxyhydr)oxide crystallization and transformation. <i>Earth-Science Reviews</i> , 2022, 232, 104105.	4.0	25
8	Mechanisms of safranin O interaction with 1:1 layered clay minerals. <i>Separation Science and Technology</i> , 2021, 56, 1985-1995.	1.3	7
9	Pilot Tests on the Treatment of Bath Wastewater by a Membrane Bioreactor. <i>Membranes</i> , 2021, 11, 85.	1.4	7
10	Fluid pathway evolution and mass transfer during Mg-dominated mineral transformations. <i>Applied Clay Science</i> , 2021, 207, 106097.	2.6	0
11	Interactions between Cationic Dye Toluidine Blue and Fibrous Clay Minerals. <i>Crystals</i> , 2021, 11, 708.	1.0	5
12	Removal of Toluidine Blue and Safranin O from Single and Binary Solutions Using Zeolite. <i>Crystals</i> , 2021, 11, 1181.	1.0	7
13	Influence of suspended natural sands on the photolysis of ciprofloxacin in water. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103369.	2.3	3
14	Earth Materials and Environmental Applications 2020. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-2.	1.0	0
15	Preference of Co over Al for substitution of Fe in goethite (FeOOH) structure: Mechanism revealed from EXAFS, XPS, DFT and linear free energy correlation model. <i>Chemical Geology</i> , 2020, 532, 119378.	1.4	14
16	Enhanced removal of ethidium bromide (EtBr) from aqueous solution using rectorite. <i>Journal of Hazardous Materials</i> , 2020, 384, 121254.	6.5	9
17	Carbon nanotube impregnated anthracite (An/CNT) as a superior sorbent for azo dye removal. <i>RSC Advances</i> , 2020, 10, 25586-25601.	1.7	18
18	High capacity ethidium bromide removal by montmorillonites. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 2202-2208.	1.2	1

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19	Zwitterionic dye rhodamine B (RhB) uptake on different types of clay minerals. <i>Applied Clay Science</i> , 2020, 197, 105790.	2.6	36
20	Optimization of acridine orange loading on 1:1 layered clay minerals for fluorescence enhancement. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 90, 407-418.	2.9	2
21	Interactions between Active Ingredient Ranitidine and Clay Mineral Excipients in Pharmaceutical Formulations. <i>Materials</i> , 2020, 13, 5558.	1.3	2
22	Sorptive Removal of Color Dye Safranin O by Fibrous Clay Minerals and Zeolites. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-12.	1.0	11
23	Photocatalytic degradation of diphenhydramine in aqueous solution by natural dolomite. <i>RSC Advances</i> , 2020, 10, 38663-38671.	1.7	3
24	Kaolinization of 2:1 type clay minerals with different swelling properties. <i>American Mineralogist</i> , 2020, 105, 687-696.	0.9	23
25	Enhanced photodegradation of diphenhydramine in aqueous solution containing natural sand particles. <i>RSC Advances</i> , 2020, 10, 17228-17234.	1.7	6
26	Calcination of hydrotalcite to enhance the removal of perfluorooctane sulfonate from water. <i>Applied Clay Science</i> , 2020, 190, 105563.	2.6	10
27	Enhanced fluorescence effect of acridine orange sorbed on 2:1 layered clay minerals. <i>Applied Clay Science</i> , 2020, 189, 105534.	2.6	6
28	One-pot synthesis of the reduced-charge montmorillonite via molten salts treatment. <i>Applied Clay Science</i> , 2020, 186, 105429.	2.6	6
29	Transformation of boehmite into 2:1 type layered aluminosilicates with different layer charges under hydrothermal conditions. <i>Applied Clay Science</i> , 2019, 181, 105207.	2.6	7
30	The Triple Mechanisms of Atenolol Adsorption on Ca-Montmorillonite: Implication in Pharmaceutical Wastewater Treatment. <i>Materials</i> , 2019, 12, 2858.	1.3	14
31	Removal of perfluorooctanoic acid from water using calcined hydrotalcite – A mechanistic study. <i>Journal of Hazardous Materials</i> , 2019, 368, 487-495.	6.5	36
32	Kinetics and mechanisms of the interaction between the calcite (10.4) surface and Cu ²⁺ -bearing solutions. <i>Science of the Total Environment</i> , 2019, 668, 602-616.	3.9	17
33	Mechanisms of Cu ²⁺ , triethylenetetramine (TETA), and Cu-TETA sorption on rectorite and its use for metal removal via metal-TETA complexation. <i>Journal of Hazardous Materials</i> , 2019, 373, 187-196.	6.5	14
34	Arrangement Models of Keggin-Al ₃₀ and Keggin-Al ₁₃ in the Interlayer of Montmorillonite and the Impacts of Pillaring on Surface Acidity: A Comparative Study on Catalytic Oxidation of Toluene. <i>Langmuir</i> , 2019, 35, 382-390.	1.6	25
35	Salinity-enhanced Release of Trace Metals from Sandstone and Variations in Mineral Compositions after Water-rock Interactions in the Presence of Supercritical CO ₂ . <i>Aerosol and Air Quality Research</i> , 2019, 19, 639-648.	0.9	1
36	Clay minerals for pharmaceutical wastewater treatment. , 2019, , 167-196.		19

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37	The multi-mechanisms and interlayer configurations of metoprolol uptake on montmorillonite. <i>Chemical Engineering Journal</i> , 2019, 360, 325-333.	6.6	13
38	Impact of tetracycline-clay interactions on bacterial growth. <i>Journal of Hazardous Materials</i> , 2019, 370, 91-97.	6.5	17
39	Fe-oxide mineralogy of the Jiujiang red earth sediments and implications for Quaternary climate change, southern China. <i>Scientific Reports</i> , 2018, 8, 3610.	1.6	14
40	Probing the interactions between lucigenin and phyllosilicates with different layer structures. <i>Dyes and Pigments</i> , 2018, 155, 135-142.	2.0	2
41	Catalytic degradation of Orange II in aqueous solution using diatomite-supported bimetallic Fe/Ni nanoparticles. <i>RSC Advances</i> , 2018, 8, 7687-7696.	1.7	29
42	Detection and quantification of phenol in liquid and gas phases using a clay/dye composite. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 62, 284-290.	2.9	9
43	Pyrolysis behaviors of organic matter (OM) with the same alkyl main chain but different functional groups in the presence of clay minerals. <i>Applied Clay Science</i> , 2018, 153, 205-216.	2.6	27
44	Removal of rhodamine 6G with different types of clay minerals. <i>Chemosphere</i> , 2018, 202, 127-135.	4.2	29
45	Interaction of polyhydroxy fullerenes with ferrihydrite: adsorption and aggregation. <i>Journal of Environmental Sciences</i> , 2018, 64, 1-9.	3.2	18
46	Mixed-layer illite-vermiculite as a paleoclimatic indicator in the Pleistocene red soil sediments in Jiujiang, southern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 510, 140-151.	1.0	16
47	Structural effects on dissolution of silica polymorphs in various solutions. <i>Inorganica Chimica Acta</i> , 2018, 471, 57-65.	1.2	9
48	Geochemical and detrital zircon U-Pb geochronological constraints on provenance of the Xiaomei red earth sediments (Bose Basin, Guangxi Province, southern China). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 510, 49-62.	1.0	9
49	Adsorption of ammonium by different natural clay minerals: Characterization, kinetics and adsorption isotherms. <i>Applied Clay Science</i> , 2018, 159, 83-93.	2.6	218
50	Effect of Cd and Al Coincorporation on the Structures and Properties of Goethite. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 1283-1293.	1.2	8
51	Conversion of serpentine to smectite under hydrothermal condition: Implication for solid-state transformation. <i>American Mineralogist</i> , 2018, 103, 241-251.	0.9	25
52	Fabrication of an AMC/MMT Fluorescence Composite for its Detection of Cr(VI) in Water. <i>Frontiers in Chemistry</i> , 2018, 6, 367.	1.8	8
53	Molten-salt fabrication of (N,F)-codoped single-crystal-like titania with high exposure of (001) crystal facet for highly efficient degradation of methylene blue under visible light irradiation. <i>Journal of Materials Research</i> , 2018, 33, 1411-1421.	1.2	9
54	Photodegradation of ciprofloxacin adsorbed in the intracrystalline space of montmorillonite. <i>Journal of Hazardous Materials</i> , 2018, 359, 414-420.	6.5	48

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55	Mechanism of tyramine adsorption on Ca-montmorillonite. <i>Science of the Total Environment</i> , 2018, 642, 198-207.	3.9	25
56	Using Ionic Liquid Modified Zeolite as a Permeable Reactive Wall to Limit Arsenic Contamination of a Freshwater Lake—Pilot Tests. <i>Water (Switzerland)</i> , 2018, 10, 448.	1.2	2
57	The Interactions Between Three Typical PPCPs and LDH. <i>Frontiers in Chemistry</i> , 2018, 6, 16.	1.8	13
58	Investigation of intercalation of diphenhydramine into the interlayer of smectite by XRD, FTIR, TG-DTG analyses and molecular simulation. <i>Arabian Journal of Chemistry</i> , 2017, 10, 855-861.	2.3	10
59	Extending surfactant-modified 2:1 clay minerals for the uptake and removal of diclofenac from water. <i>Journal of Hazardous Materials</i> , 2017, 323, 567-574.	6.5	56
60	Modification of clays and zeolites by ionic liquids for the uptake of chloramphenicol from water. <i>Chemical Engineering Journal</i> , 2017, 313, 336-344.	6.6	32
61	Monsoonal climate evolution in southern China since 1.2 Ma: New constraints from Fe-oxide records in red earth sediments from the Shengli section, Chengdu Basin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 473, 1-15.	1.0	35
62	A novel luminescence probe based on layered double hydroxides loaded with quantum dots for simultaneous detection of heavy metal ions in water. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5024-5030.	2.7	55
63	Fabrication of Fe-doped birnessite with tunable electron spin magnetic moments for the degradation of tetracycline under microwave irradiation. <i>Journal of Hazardous Materials</i> , 2017, 338, 428-436.	6.5	35
64	Synthesis of birnessite with adjustable electron spin magnetic moments for the degradation of tetracycline under microwave induction. <i>Chemical Engineering Journal</i> , 2017, 326, 329-338.	6.6	28
65	Effects of complexation between organic matter (OM) and clay mineral on OM pyrolysis. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 212, 1-15.	1.6	78
66	Weathering and alteration of volcanic ashes in various depositional settings during the Permian-Triassic transition in South China: Mineralogical, elemental and isotopic approaches. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 486, 46-57.	1.0	21
67	Fabrication of AO/LDH fluorescence composite and its detection of Hg ²⁺ in water. <i>Scientific Reports</i> , 2017, 7, 13414.	1.6	8
68	Organokaolin for the uptake of pharmaceuticals diclofenac and chloramphenicol from water. <i>Chemical Engineering Journal</i> , 2017, 330, 1128-1136.	6.6	38
69	Transformation of halloysite and kaolinite into beidellite under hydrothermal condition. <i>American Mineralogist</i> , 2017, 102, 997-1005.	0.9	20
70	Sorption and retention of diclofenac on zeolite in the presence of cationic surfactant. <i>Journal of Hazardous Materials</i> , 2017, 323, 584-592.	6.5	74
71	An efficient catalyst of manganese supported on diatomite for toluene oxidation: Manganese species, catalytic performance, and structure-activity relationship. <i>Microporous and Mesoporous Materials</i> , 2017, 239, 101-110.	2.2	54
72	Modification of 13X Molecular Sieve by Chitosan for Adsorptive Removal of Cadmium from Simulated Wastewater. <i>Materials</i> , 2017, 10, 1101.	1.3	5

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73	Earth Materials and Environmental Applications 2016. Advances in Materials Science and Engineering, 2017, 2017, 1-2.	1.0	1
74	Influence of Supercritical CO ₂ on the Mobility and Desorption of Trace Elements from CO ₂ Storage Rock Sandstone and Caprock Shale in a Potential CO ₂ Sequestration Site in Taiwan. Aerosol and Air Quality Research, 2016, 16, 1730-1741.	0.9	4
75	Targeting T₁ and T₂ dual modality enhanced magnetic resonance imaging of tumor vascular endothelial cells based on peptides-conjugated manganese ferrite nanomicelles. International Journal of Nanomedicine, 2016, Volume 11, 4051-4063.	3.3	13
76	Hydrogeochemistry of Groundwater and Arsenic Adsorption Characteristics of Subsurface Sediments in an Alluvial Plain, SW Taiwan. Sustainability, 2016, 8, 1305.	1.6	7
77	In situ sequentially generation of acid and ferrous ions for environmental remediation. Chemical Engineering Journal, 2016, 302, 223-232.	6.6	15
78	Structure and fluorescent properties of Ba ₃ Sc(PO ₄) ₃ :Sm ³⁺ red-orange phosphor for n-UV w-LEDs. Chemical Physics Letters, 2016, 653, 212-215.	1.2	30
79	Modification of Multilayer Carbon Nanotubes for the Removal of Arsenate. Journal of Nanoscience and Nanotechnology, 2016, 16, 3835-3840.	0.9	1
80	Bisphenol A degradation by a new acidic nano zero-valent iron diatomite composite. Catalysis Science and Technology, 2016, 6, 6066-6075.	2.1	34
81	Amitriptyline removal using palygorskite clay. Chemosphere, 2016, 155, 292-299.	4.2	33
82	Enhancement of diatomite solid acidity by Al incorporation, as evaluated by the catalytic effects on the thermal decomposition of 12-aminolauric acid. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 190-194.	2.3	2
83	Hydrochemistry of hot springs in geothermal fields of central, northern, and northeastern Taiwan: implication on occurrence and enrichment of arsenic. Environmental Earth Sciences, 2016, 75, 1.	1.3	3
84	Controllable adjustment of the crystal symmetry of MnO ₂ and its influence on the frequency of microwave absorption. RSC Advances, 2016, 6, 58844-58853.	1.7	17
85	Synthesis and luminescence properties of Eu ²⁺ -activated phosphor Ba ₃ LaK(PO ₄) ₃ F for n-UV white-LEDs. Polyhedron, 2016, 119, 223-226.	1.0	9
86	Tunable high-performance microwave absorption for manganese dioxides by one-step Co doping modification. Scientific Reports, 2016, 6, 37400.	1.6	14
87	Mineralogical and chemical characteristics of a powder and purified quartz from Yunnan Province. Open Geosciences, 2016, 8, 606-611.	0.6	21
88	Synthesis and characterization of Mn intercalated Mg-Al hydrotalcite. Journal of Colloid and Interface Science, 2016, 479, 115-120.	5.0	35
89	Interference of 1:1 and 2:1 layered phyllosilicates as excipients with ranitidine. Colloids and Surfaces B: Biointerfaces, 2016, 140, 67-73.	2.5	4
90	Adsorbents based on montmorillonite for contaminant removal from water: A review. Applied Clay Science, 2016, 123, 239-258.	2.6	389

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91	Preparation of surface-functionalized porous clay heterostructures via carbonization of soft-template and their adsorption performance for toluene. <i>Applied Surface Science</i> , 2016, 363, 113-121.	3.1	43
92	Efficiency of Fe ³⁺ -montmorillonite on the removal of Rhodamine B and hexavalent chromium from aqueous solution. <i>Applied Clay Science</i> , 2016, 120, 9-15.	2.6	53
93	Effect of heating temperature on the sequestration of Cr ³⁺ cations on montmorillonite. <i>Applied Clay Science</i> , 2016, 121-122, 111-118.	2.6	7
94	Adsorption of phenol, phosphate and Cd(II) by inorganic-organic montmorillonites: A comparative study of single and multiple solute. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 497, 63-71.	2.3	43
95	A new insight into the compositional and structural control of porous clay heterostructures from the perspective of NMR and TEM. <i>Microporous and Mesoporous Materials</i> , 2016, 224, 285-293.	2.2	20
96	Halloysite nanotubes as a carrier for the uptake of selected pharmaceuticals. <i>Microporous and Mesoporous Materials</i> , 2016, 220, 298-307.	2.2	36
97	Interaction of ciprofloxacin and probe compounds with palygorskite PFI-1. <i>Journal of Hazardous Materials</i> , 2016, 303, 55-63.	6.5	37
98	Palygorskite for the uptake and removal of pharmaceuticals for wastewater treatment. <i>Chemical Engineering Research and Design</i> , 2016, 101, 80-87.	2.7	17
99	Ionic-liquid-crafted zeolite for the removal of anionic dye methyl orange. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 59, 237-243.	2.7	29
100	Early middle Miocene tectonic uplift of the northwestern part of the Qinghai-Tibetan Plateau evidenced by geochemical and mineralogical records in the western Tarim Basin. <i>International Journal of Earth Sciences</i> , 2016, 105, 1021-1037.	0.9	10
101	Adsorption of Atenolol on Kaolinite. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-8.	1.0	12
102	Earth Materials and Environmental Applications. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-2.	1.0	0
103	The binding energy between the interlayer cations and montmorillonite layers and its influence on Pb ²⁺ adsorption. <i>Applied Clay Science</i> , 2015, 112-113, 117-122.	2.6	20
104	Surface silylation of natural mesoporous/macroporous diatomite for adsorption of benzene. <i>Journal of Colloid and Interface Science</i> , 2015, 448, 545-552.	5.0	52
105	Adsorption of Atenolol on Talc: An Indication of Drug Interference with an Excipient. <i>Adsorption Science and Technology</i> , 2015, 33, 379-392.	1.5	9
106	Experimental investigation of trace element dissolution in formation water in the presence of supercritical CO ₂ fluid for a potential geological storage site of CO ₂ in Taiwan. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 23, 304-314.	2.1	20
107	Sequestration of heavy metal cations on montmorillonite by thermal treatment. <i>Applied Clay Science</i> , 2015, 107, 90-97.	2.6	21
108	Molecular Simulation Study of Hydrated Na-Rectorite. <i>Langmuir</i> , 2015, 31, 2008-2013.	1.6	15

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109	Interlayer configuration of ionic liquids in a Ca-montmorillonite as evidenced by FTIR, TG-DTG, and XRD analyses. <i>Materials Chemistry and Physics</i> , 2015, 162, 417-424.	2.0	31
110	Mechanochemical effects of ZnO powder in a wet super-fine grinding system as indicated by instrumental characterization. <i>International Journal of Mineral Processing</i> , 2015, 141, 15-19.	2.6	12
111	Contrasting mechanisms of metoprolol uptake on kaolinite and talc. <i>Chemical Engineering Journal</i> , 2015, 272, 48-57.	6.6	18
112	Surface chemistry and reactivity of SiO ₂ polymorphs: A comparative study on α -quartz and β -cristobalite. <i>Applied Surface Science</i> , 2015, 355, 1161-1167.	3.1	56
113	Adjusting the Layer Charges of Host Phyllosilicates To Prevent Luminescence Quenching of Fluorescence Dyes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22625-22631.	1.5	14
114	The non-micellar template model for porous clay heterostructures: A perspective from the layer charge of base clay. <i>Applied Clay Science</i> , 2015, 116-117, 102-110.	2.6	19
115	Sorption and desorption of tetracycline on layered manganese dioxide birnessite. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1695-1704.	1.8	30
116	Illite-Smectite Mixed-Layer Minerals in the Alteration Volcanic Ashes Under Submarine Environment. <i>Springer Geochemistry/Mineralogy</i> , 2015, , 137-149.	0.1	0
117	REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTION BY USING OIL SHALE ASH. <i>Oil Shale</i> , 2014, 31, 161.	0.5	12
118	Ionic liquid modification of zeolite and its removal of chromate from water. <i>Green Chemistry Letters and Reviews</i> , 2014, 7, 191-198.	2.1	10
119	Intercalation and configurations of organic dye acridine orange in a high-charge montmorillonite as influenced by dye loading. <i>Desalination and Water Treatment</i> , 2014, 52, 7323-7331.	1.0	11
120	Mechanism and efficiency of methylene blue degradation by microwave-induced birnessites with different Mn average oxidation states. <i>Materials Express</i> , 2014, 4, 539-544.	0.2	5
121	Pedogenic alteration of illite in subtropical China. <i>Clay Minerals</i> , 2014, 49, 379-390.	0.2	13
122	Photocatalytic Degradation of Methylene Blue Using TiO ₂ Impregnated Diatomite. <i>Advances in Materials Science and Engineering</i> , 2014, 2014, 1-7.	1.0	116
123	Mechanism of amitriptyline adsorption on Ca-montmorillonite (SAz-2). <i>Journal of Hazardous Materials</i> , 2014, 277, 44-52.	6.5	39
124	Randomly interstratified illite-vermiculite from weathering of illite in red earth sediments in Xuancheng, southeastern China. <i>Geoderma</i> , 2014, 214-215, 42-49.	2.3	46
125	Binding sites of chlorpheniramine on 1:1 layered kaolinite from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2014, 424, 16-21.	5.0	21
126	Interactions between sulfa drug sulfadiazine and hydrophobic talc surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 446, 172-178.	2.3	16

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127	Desorption of tetracycline from montmorillonite by aluminum, calcium, and sodium: an indication of intercalation stability. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 633-644.	1.8	36
128	Removal of Cr(VI) from water using Fe(II)-modified natural zeolite. <i>Chemical Engineering Research and Design</i> , 2014, 92, 384-390.	2.7	54
129	Modification of a Ca-montmorillonite with ionic liquids and its application for chromate removal. <i>Journal of Hazardous Materials</i> , 2014, 270, 169-175.	6.5	36
130	Microstructure and process of intercalation of imidazolium ionic liquids into montmorillonite. <i>Chemical Engineering Journal</i> , 2014, 236, 306-313.	6.6	51
131	High-capacity loading of 5-fluorouracil on the methoxy-modified kaolinite. <i>Applied Clay Science</i> , 2014, 100, 60-65.	2.6	39
132	Surface Heterogeneity of SiO ₂ Polymorphs: An XPS Investigation of α -Quartz and β -Cristobalite. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26249-26257.	1.5	41
133	Al ₃ -pillared montmorillonite modified by cationic and zwitterionic surfactants: A comparative study. <i>Applied Clay Science</i> , 2014, 101, 327-334.	2.6	13
134	Removal of Chlorpheniramine from Water by Birnessite. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	12
135	Mechanism and process of methylene blue degradation by manganese oxides under microwave irradiation. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 211-216.	10.8	73
136	Using probing compounds to investigate adsorption mechanism of ciprofloxacin on montmorillonite. <i>Materials Technology</i> , 2014, 29, B100-B107.	1.5	8
137	Characterisation of the hydroxy-interlayered vermiculite from the weathering of illite in Jiujiang red earth sediments. <i>Soil Research</i> , 2014, 52, 554.	0.6	6
138	Climatic and tectonic evolution in the North Qaidam since the Cenozoic: Evidence from sedimentology and mineralogy. <i>Journal of Earth Science (Wuhan, China)</i> , 2013, 24, 314-327.	1.1	18
139	ZEOLITE AS SLOW RELEASE FERTILIZER ON SPINACH YIELDS AND QUALITY IN A GREENHOUSE TEST. <i>Journal of Plant Nutrition</i> , 2013, 36, 1496-1505.	0.9	29
140	Enrofloxacin uptake and retention on different types of clays. <i>Journal of Asian Earth Sciences</i> , 2013, 77, 287-294.	1.0	29
141	Hydroxy-interlayered vermiculite genesis in Jiujiang late-Pleistocene red earth sediments and significance to climate. <i>Applied Clay Science</i> , 2013, 74, 20-27.	2.6	37
142	Preparation and characterization of red mud sintered porous materials for water defluoridation. <i>Applied Clay Science</i> , 2013, 74, 95-101.	2.6	27
143	The geochemical characteristics of the mud liquids in the Wushanting and Hsiaokunshui Mud Volcano region in southern Taiwan: Implications of humic substances for binding and mobilization of arsenic. <i>Journal of Geochemical Exploration</i> , 2013, 128, 62-71.	1.5	22
144	High-pressure adsorption of methane on montmorillonite, kaolinite and illite. <i>Applied Clay Science</i> , 2013, 85, 25-30.	2.6	164

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145	Simultaneous removal of low concentrations of ammonium and humic acid from simulated groundwater by vermiculite/palygorskite columns. <i>Applied Clay Science</i> , 2013, 86, 119-124.	2.6	14
146	Removal of ciprofloxacin from water by birnessite. <i>Journal of Hazardous Materials</i> , 2013, 250-251, 362-369.	6.5	121
147	Natural halloysite nanotubes as mesoporous carriers for the loading of ibuprofen. <i>Microporous and Mesoporous Materials</i> , 2013, 179, 89-98.	2.2	132
148	Desorption of ciprofloxacin from clay mineral surfaces. <i>Water Research</i> , 2013, 47, 259-268.	5.3	71
149	Silylation of clay mineral surfaces. <i>Applied Clay Science</i> , 2013, 71, 15-20.	2.6	134
150	The Eocene–Oligocene climate transition in the Tarim Basin, Northwest China: Evidence from clay mineralogy. <i>Applied Clay Science</i> , 2013, 74, 10-19.	2.6	39
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