Zongqiang Zhu

List of Publications by Year
in descending order

35	438	933447 10	752698 20
papers	citations	h-index	g-index

35	35	35	468
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of a porous hydroxyapatite-carbon composite with the bio-template of sugarcane top stems and its use for the Pb(II) removal. Journal of Cleaner Production, 2018, 187, 650-661.	9.3	61
2	Electrically Poreâ€Sizeâ€Tunable Polypyrrole Membrane for Antifouling and Selective Separation. Advanced Functional Materials, 2019, 29, 1903081.	14.9	45
3	Applications of Biochar and Modified Biochar in Heavy Metal Contaminated Soil: A Descriptive Review. Sustainability, 2021, 13, 14041.	3.2	44
4	Characterization, dissolution and solubility of the hydroxypyromorphiteâ€“hydroxyapatite solid solution [(PbxCa1â^'x)5(PO4)3OH] at 25ÂÂ°C and pH 2â€“9. Geochemical Transactions, 2016, 17, 2.	0.7	41
5	A hierarchical porous adsorbent of nano-Î±-Fe2O3/Fe3O4 on bamboo biochar (HPA-Fe/C-B) for the removal of phosphate from water. Journal of Water Process Engineering, 2018, 25, 96-104.	5.6	40
6	Kinetics and thermodynamic study of phosphate adsorption on the porous biomorph-genetic composite of Î±-Fe2O3/Fe3O4/C with eucalyptus wood microstructure. Separation and Purification Technology, 2013, 117, 124-130.	7.9	35
7	Characterization of Lead Uptake by Nano-Sized Hydroxyapatite: A Molecular Scale Perspective. ACS Earth and Space Chemistry, 2018, 2, 599-607.	2.7	33
8	Characterization, dissolution and solubility of cadmiumâ€“calcium hydroxyapatite solid solutions at 25 Â°C. Chemical Geology, 2016, 423, 34-48.	3.3	19
9	FIXED-BED COLUMN ADSORPTION OF ARSENIC(V) BY POROUS COMPOSITE OF MAGNETITE/HEMATITE/CARBON WITH EUCALYPTUS WOOD MICROSTRUCTURE. Journal of Environmental Engineering and Landscape Management, 2018, 26, 38-56.	1.0	15
10	Characterization, dissolution and solubility of synthetic cadmium hydroxylapatite [Cd5(PO4)3OH] at 25â€“45Â°C. Geochemical Transactions, 2015, 16, 9.	0.7	13
11	Sorption-reduction removal of Cr(VI) from aqueous solution by the porous biomorphâ€“genetic composite ofÎ±-Fe₂O₃/Fe₃O₄/C with eucalyptus wood hierarchical microstructure. Desalination and Water Treatment, 2014, 52, 3133-3146.	1.0	10
12	Enhanced Arsenic Removal from Aqueous Solution by Fe/Mn-C Layered Double Hydroxide Composite. Adsorption Science and Technology, 2021, 2021, 1-12.	3.2	10
13	Arsenic immobilization from aqueous solution by the precipitation of the pseudo-octahedral arsenate-substituted natroalunite solid solutions. Science of the Total Environment, 2019, 669, 754-766.	8.0	7
14	Purification Behavior of Zn(II) in Water by Magnesium Hydroxyapatite: Surface Complexation, and Dissolutionâ€“Precipitation. International Journal of Environmental Research and Public Health, 2020, 17, 3804.	2.6	6
15	Dissolution, Stability and Solubility of Tooeleite [Fe6(AsO3)4(SO4)(OH)4Â·4H2O] at 25â€“45 Â°C and pH 2â€“12. Minerals (Basel, Switzerland), 2020, 10, 921.	2.0	5
16	Dissolution and solubility of calcite-rhodochrosite solid solutions [(Ca1-xMnx)CO3] at 25ÂÂ°C. Geochemical Transactions, 2021, 22, 1.	0.7	5
17	Effective Remediation of Arsenic-Contaminated Soils by EK-PRB of Fe/Mn/C-LDH: Performance, Characteristics, and Mechanism. International Journal of Environmental Research and Public Health, 2022, 19, 4389.	2.6	5
18	Elimination of zinc ions from aqueous solution by a hydroxylapatite-biochar composite material with the hierarchical porous microstructures of sugarcane waste. Journal of Cleaner Production, 2022, 362, 132483.	9.3	5

#	Article	IF	Citations
19	Kinetics and Thermodynamics of Sorption for As(V) on the Porous Biomorph-Genetic Composite of Î±-Fe2O3/Fe3O4/C with Eucalyptus Wood Hierarchical Microstructure. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	4
20	Characterization, Dissolution, and Solubility of Zn-Substituted Hydroxylapatites [(Zn_xCa_{1â^'x})₅(PO₄)₃OH] at 25Â°C. Journal of Chemistry, 2017, 2017, 1-13.	1.9	4
21	Mn-Fe Layered Double Hydroxide Intercalated with Ethylene-Diaminetetraacetate Anion: Synthesis and Removal of As(III) from Aqueous Solution around pH 2â€“11. International Journal of Environmental Research and Public Health, 2020, 17, 9341.	2.6	4
22	Dissolution of the smithsoniteâ€“rhodochrosite (ZnCO3-MnCO3) solid solutions in aqueous solution at 25ÂÂ°C. Chemical Geology, 2022, 602, 120886.	3.3	4
23	Dissolution and Solubility of the Synthetic Natroalunite and the Arsenic-Incorporated Natroalunite at pH of 2.00â€“5.60 and 25â€“45Â°C. Journal of Chemistry, 2019, 2019, 1-15.	1.9	3
24	A comparative study on the dissolution and stability of beudantite and hidalgoite at pH 2â€“12 and 25â€“45ÂÂ°C for the possible long-term simultaneous immobilization of arsenic and lead. Chemosphere, 2021, 263, 128386.	8.2	3
25	Comparative study on As(III) and As(V) adsorption by -intercalated Fe/Mn-LDHs from aqueous solution. Blue-Green Systems, 2021, 3, 175-190.	2.0	3
26	Removal of Copper (II) from Aqueous Solution by a Hierarchical Porous Hydroxylapatite-Biochar Composite Prepared with Sugarcane Top Internode Biotemplate. Water (Switzerland), 2022, 14, 839.	2.7	3
27	Dissolution and Solubility Product of Cd-Fluorapatite [Cd₅(PO₄)₃F] at pH of 2â€“9 and 25â€“45Â°C. Journal of Chemistry, 2018, 2018, 1-9.	1.9	2
28	Characterization, dissolution and solubility of lead fluorapatite at 25-45ÂÂ°C. Applied Geochemistry, 2020, 120, 104659.	3.0	2
29	Dissolution and solubility of rhomboclase and arsenic-substituted rhomboclase phases at pH 2â€“10 and 25â€“45ÂÂ°C. Applied Geochemistry, 2021, 132, 105075.	3.0	2
30	Dissolution and Solubility of the Calciteâ€“Otavite Solid Solutions [(Ca1â^'xCdx)CO3] at 25 Â°C. Minerals (Basel, Switzerland), 2022, 12, 756.	2.0	2
31	Synthesis of the lead-calcium HAP solid solutions. Russian Journal of Applied Chemistry, 2015, 88, 178-183.	0.5	1
32	Kinetics and thermodynamics of adsorption for arsenate ions on the hierarchical porous adsorbent of Î±-Fe2O3/Fe3O4/C with bamboo bio-template. , 0, 76, 276-289.		1
33	Removal of Cd(II) from aqueous solution by a hierarchical porous hydroxylapatite-carbon composite prepared with the biotemplate of stalk internodes of sugarcane tops. , 0, 136, 341-355.		1
34	Dissolution, Solubility, and Stability of the Basic Ferric Sulfate-Arsenates [Fe(SO4)x(AsO4)y(OH)zÂ·nH2O] at 25â€“45Â°C and pH 2â€“10. Journal of Chemistry, 2021, 2021, 1-14.	1.9	0
35	Strontium-doped hydroxyapatite as adsorbent effectively to remove lead ions from water. Environmental Science and Pollution Research, 0, , .	5.3	0