

# Li Feng

## List of Publications by Year in descending order

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papers

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citations

687363

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docs citations

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times ranked

539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphogypsum stabilization of bauxite residue: Conversion of its alkaline characteristics. <i>Journal of Environmental Sciences</i> , 2019, 77, 1-10.	6.1	106
2	Construction of the molecular structure model of the Shengli lignite using TG-GC/MS and FTIR spectrometry data. <i>Fuel</i> , 2017, 203, 924-931.	6.4	83
3	Fractal and pore structure analysis of Shengli lignite during drying process. <i>Powder Technology</i> , 2016, 303, 251-259.	4.2	69
4	Changes in distribution and microstructure of bauxite residue aggregates following amendments addition. <i>Journal of Environmental Sciences</i> , 2019, 78, 276-286.	6.1	47
5	Water occurrence in lignite and its interaction with coal structure. <i>Fuel</i> , 2018, 219, 288-295.	6.4	40
6	Leaching optimization and dissolution behavior of alkaline anions in bauxite residue. <i>Transactions of Nonferrous Metals Society of China</i> , 2018, 28, 1248-1255.	4.2	39
7	A novel acid-producing fungus isolated from bauxite residue: the potential to reduce the alkalinity. <i>Geomicrobiology Journal</i> , 2018, 35, 840-847.	2.0	38
8	Effect of mechanical thermal expression drying technology on lignite structure. <i>Drying Technology</i> , 2017, 35, 356-362.	3.1	23
9	Heat regeneration of hydroxyapatite/attapulgitite composite beads for defluoridation of drinking water. <i>Journal of Hazardous Materials</i> , 2012, 221-222, 228-235.	12.4	22
10	The effect of alkali treatment on some physicochemical properties of Xilinhaote lignite. <i>Powder Technology</i> , 2013, 247, 19-23.	4.2	22
11	Construction of a molecular structure model of mild-oxidized Chinese lignite using Gaussian09 based on data from FTIR, solid state <sup>13</sup> C-NMR. <i>Journal of Molecular Modeling</i> , 2018, 24, 135.	1.8	22
12	Theoretical study on the interactions between the lignite monomer and water molecules. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 1605-1613.	0.6	15
13	Exploring the effect of oxygen-containing functional groups on the water-holding capacity of lignite. <i>Journal of Molecular Modeling</i> , 2018, 24, 130.	1.8	14
14	Synergistic coagulation of bauxite residue-based polyaluminum ferric chloride for dyeing wastewater treatment. <i>Journal of Central South University</i> , 2019, 26, 449-457.	3.0	13
15	The reuse of bauxite residue as a cathode for heterogeneous electro-Fenton. <i>Journal of Cleaner Production</i> , 2020, 266, 122044.	9.3	12
16	Adsorption of ciprofloxacin and tetracycline from wastewater by layered double hydroxides modified vermiculite. <i>Journal of Porous Materials</i> , 2022, 29, 1299-1308.	2.6	9
17	Preparation and defluorination mechanism of a novel copolymerized hydroxyapatite-aluminium chloride material. <i>RSC Advances</i> , 2015, 5, 95334-95343.	3.6	8
18	Theoretical Study of Substituent Effects on Bond Dissociation Enthalpies in Lignite Model Compounds. <i>Acta Chimica Sinica</i> , 2013, 71, 1047.	1.4	8

#	ARTICLE	IF	CITATIONS
19	Exploring the effect of confinement on water clusters in carbon nanotubes. Journal of Molecular Modeling, 2017, 23, 133.	1.8	6
20	Preparation and electrochemical performance of uniform RuO <sub>2</sub> /Ti and RuO <sub>2</sub> •CrO <sub>2</sub> /Ti electrode for electrolysis of NaCl solution. Canadian Journal of Chemical Engineering, 2019, 97, 3002-3011.	1.7	6
21	Preparation of TiO <sub>2</sub> /Ser filler with ultraviolet resistance and antibacterial effects and its application in SBR/TRR blend rubber. Journal of Rubber Research (Kuala Lumpur, Malaysia), 2020, 23, 47-55.	1.1	5
22	Structure, Energetics and Vibrational Frequency Shifts of Water Molecules Confined Inside Single-walled Carbon Nanotubes: A DFT Study. Acta Chimica Sinica, 2014, 72, 487.	1.4	3
23	Study on the relationship between pyrolysis volatile products and structure of Shengli lignite using TG-FTIR-GC/MS. Journal of Thermal Analysis and Calorimetry, 0, , 1.	3.6	2
24	Crystal structure of (E)-2-(1-(2,4-dihydroxyphenyl)ethylidene)hydrazinecarbothioamide, C <sub>9</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub> S. Zeitschrift Fur Kristallographie - New Crystal Structures, 2013, 228, 213-214.	0.3	1
25	Simple construction of a two-component fluorescent sensor for turn-on detection of Hg <sup>2+</sup> in human serum. Analytical and Bioanalytical Chemistry, 2022, 414, 2021-2028.	3.7	1
26	Design of the physical chemistry network teaching system based on Web. , 2010, , .		0