

Changxin Li

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

649
citations

840776

11
h-index

677142

22
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all docs

23
docs citations

23
times ranked

741
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel conversion for blast furnace slag (BFS) to the synthesis of hydroxyapatite-zeolite material and its evaluation of adsorption properties. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 105, 63-73.	5.8	12
2	Synthesis of phosphorus and silicon co-doped graphitic carbon nitride and its combination with ammonium polyphosphate to enhance the flame retardancy of epoxy resin. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51614.	2.6	9
3	Improving fire resistance of epoxy resin using electrolytic manganese residue-based zeolites modified with metal-organic framework ligands. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 153, 106726.	7.6	15
4	A new type terephthalonitrile derivative flame retardant of DOPO compound with hydroxyl and amino groups on epoxy resin. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	9
5	Modified Cellulose Nanocrystals Enhanced the Compatibility Between PLA and PBAT to Prepare a Multifunctional Composite Film. <i>Journal of Polymers and the Environment</i> , 2022, 30, 3139-3149.	5.0	14
6	Surface modification of cellulose nanocrystal and its applications in flame retardant epoxy resin. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	5
7	Surface-modified ammonium polyphosphate with (3-aminopropyl) triethoxysilane, pentaerythritol and melamine dramatically improve flame retardancy and thermal stability of unsaturated polyester resin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 3479-3488.	3.6	19
8	Preparation of effective ultraviolet shielding poly (lactic acid)/poly (butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (adipate-co-terephthalate) International Journal of Biological Macromolecules, 2021, 191, 540-547.	7.5	17
9	The Alkaline Fusion-Hydrothermal Synthesis of Hydroxyapatite-Zeolite (HAP-ZE) from Blast Furnace Slag (BFS): Effects of Reaction Temperature. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1160.	2.0	2
10	The Alkaline Fusion-Hydrothermal Synthesis of Blast Furnace Slag-Based Zeolite (BFSZ): Effect of Crystallization Time. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1314.	2.0	4
11	Fabrication of diatomite-based microencapsulated flame retardant and its improved fire safety of unsaturated polyester resin. <i>Polymers for Advanced Technologies</i> , 2020, 31, 967-979.	3.2	10
12	Experimental investigation of the suppression effects of ammonium polyphosphate on explosion characteristics of unsaturated polyester resin dust. <i>Fire and Materials</i> , 2020, 44, 854-864.	2.0	4
13	Removal of Ammonium from Aqueous Solutions Using Zeolite Synthesized from Electrolytic Manganese Residue. <i>International Journal of Chemical Engineering</i> , 2020, 2020, 1-14.	2.4	8
14	Synthesis of Zeolite from Electrolytic Manganese Residue: Investigation on the Variation of the Property of Zeolite during the Conversion Process. <i>Journal of Chemistry</i> , 2020, 2020, 1-9.	1.9	0
15	Cellulose nanocrystal reinforced poly(lactic acid) nanocomposites prepared by a solution precipitation approach. <i>Cellulose</i> , 2020, 27, 7489-7502.	4.9	21
16	The Effect of Carbodiimide on the Stability of Wood Fiber/Poly(lactic acid) Composites During Soil Degradation. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1315-1325.	5.0	11
17	Kinetics and equilibrium studies of phosphate removal from aqueous solution by calcium silicate hydrate synthesized from electrolytic manganese residue. <i>Adsorption Science and Technology</i> , 2019, 37, 547-565.	3.2	20
18	An InDel in the Promoter of <i>Al-ACTIVATED MALATE TRANSPORTER9</i> Selected during Tomato Domestication Determines Fruit Malate Contents and Aluminum Tolerance. <i>Plant Cell</i> , 2017, 29, 2249-2268.	6.6	207

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19	A novel conversion process for waste residue: Synthesis of zeolite from electrolytic manganese residue and its application to the removal of heavy metals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 470, 258-267.	4.7	81
20	Reaction process and mechanism analysis for CaS generation in the process of reductive decomposition of CaSO ₃ with coal. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 50, 173-181.	5.3	16
21	Removal of basic dye (methylene blue) from aqueous solution using zeolite synthesized from electrolytic manganese residue. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 23, 344-352.	5.8	117
22	Reduction Leaching of Manganese Dioxide Ore Using Black Locust as Reductant in Sulfuric Acid Solution. <i>Korean Chemical Engineering Research</i> , 2015, 53, 509-516.	0.2	5
23	Leaching Behavior and Risk Assessment of Heavy Metals in a Landfill of Electrolytic Manganese Residue in Western Hunan, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2014, 20, 1249-1263.	3.4	43