

Ruixue Wang

List of Publications by Year in descending order

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papers

554
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1040056

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14
times ranked

586
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycling of non-metallic fractions from waste electrical and electronic equipment (WEEE): A review. <i>Waste Management</i> , 2014, 34, 1455-1469.	7.4	238
2	Microplastics in the surface water of small-scale estuaries in Shanghai. <i>Marine Pollution Bulletin</i> , 2019, 149, 110569.	5.0	85
3	Pyrolysis-based separation mechanism for waste crystalline silicon photovoltaic modules by a two-stage heating treatment. <i>RSC Advances</i> , 2019, 9, 18115-18123.	3.6	42
4	Recycling gold from printed circuit boards gold-plated layer of waste mobile phones in a mild aqua regia system. <i>Journal of Cleaner Production</i> , 2021, 278, 123597.	9.3	41
5	Pyrolysis characteristics and pyrolysis products separation for recycling organic materials from waste liquid crystal display panels. <i>Journal of Hazardous Materials</i> , 2016, 302, 45-56.	12.4	32
6	Recycling Acetic Acid from Polarizing Film of Waste Liquid Crystal Display Panels by Sub/Supercritical Water Treatments. <i>Environmental Science & Technology</i> , 2015, 49, 5999-6008.	10.0	29
7	Study of the toluene absorption capacity and mechanism of ionic liquids using COSMO-RS prediction and experimental verification. <i>Green Energy and Environment</i> , 2021, 6, 339-349.	8.7	26
8	Pyrolysis mechanism for recycle renewable resource from polarizing film of waste liquid crystal display panels. <i>Journal of Hazardous Materials</i> , 2014, 278, 311-319.	12.4	24
9	Alkaline electrochemical leaching of Sn and Pb from the surface of waste printed circuit board and the stripping of gold by methanesulfonic acid. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13324.	2.3	12
10	In-situ reaction for recycling indium from waste liquid crystal display panels by vacuum reduction with pyrolytic carbon as reductant. <i>Waste Management</i> , 2019, 85, 538-547.	7.4	8
11	Full components recovery of organic matter and indium from discarded liquid crystal display panels. <i>Journal of Cleaner Production</i> , 2021, 299, 126862.	9.3	8
12	Preparation and Characterization of Crystalline Silicon by Electrochemical Liquid-Liquid-Solid Crystal Growth in Ionic Liquid. <i>ACS Omega</i> , 2021, 6, 11935-11942.	3.5	5
13	Thermal treatment of liquid crystal display panel scraps: The metals migration and potential environmental risk in solid residue. <i>Waste Management</i> , 2019, 94, 49-57.	7.4	4
14	Effects of polarizer on the metals migration and transformation behaviors during the thermal treatment of discarded LCD panels. <i>Chemical Engineering Research and Design</i> , 2021, 152, 318-326.	5.6	0