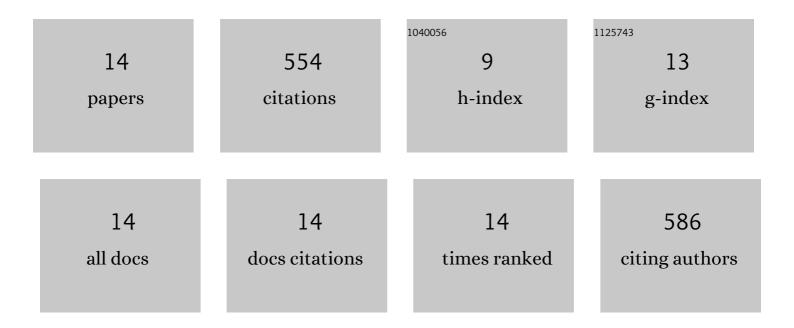
Ruixue Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Recycling of non-metallic fractions from waste electrical and electronic equipment (WEEE): A review. Waste Management, 2014, 34, 1455-1469.	7.4	238
2	Microplastics in the surface water of small-scale estuaries in Shanghai. Marine Pollution Bulletin, 2019, 149, 110569.	5.0	85
3	Pyrolysis-based separation mechanism for waste crystalline silicon photovoltaic modules by a two-stage heating treatment. RSC Advances, 2019, 9, 18115-18123.	3.6	42
4	Recycling gold from printed circuit boards gold-plated layer of waste mobile phones in "mild aqua regia―system. Journal of Cleaner Production, 2021, 278, 123597.	9.3	41
5	Pyrolysis characteristics and pyrolysis products separation for recycling organic materials from waste liquid crystal display panels. Journal of Hazardous Materials, 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. Environmental Science & Technology, 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. Green Energy and Environment, 2021, 6, 339-349.	8.7	26
8	Pyrolysis mechanism for recycle renewable resource from polarizing film of waste liquid crystal display panels. Journal of Hazardous Materials, 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. Environmental Progress and Sustainable Energy, 2020, 39, e13324.	2.3	12
10	In-situ reaction for recycling indium from waste liquid crystal display panels by vaccum reduction with pyrolytic carbon as reductant. Waste Management, 2019, 85, 538-547.	7.4	8
11	Full components recovery of organic matter and indium from discarded liquid crystal display panels. Journal of Cleaner Production, 2021, 299, 126862.	9.3	8
12	Preparation and Characterization of Crystalline Silicon by Electrochemical Liquid–Liquid–Solid Crystal Growth in Ionic Liquid. ACS Omega, 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. Waste Management, 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. Chemical Engineering Research and Design, 2021, 152, 318-326.	5.6	0