

Yufeng Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8217206/publications.pdf>

Version: 2024-02-01

59
papers

2,499
citations

186265

28
h-index

197818

49
g-index

59
all docs

59
docs citations

59
times ranked

2355
citing authors

#	ARTICLE	IF	CITATIONS
1	Zr(IV)-Based Metal-Organic Framework with T-Shaped Ligand: Unique Structure, High Stability, Selective Detection, and Rapid Adsorption of Cr ₂ O ₇ ²⁻ in Water. ACS Applied Materials & Interfaces, 2018, 10, 16650-16659.	8.0	219
2	Recovery of waste printed circuit boards through pyrometallurgical processing: A review. Resources, Conservation and Recycling, 2017, 126, 209-218.	10.8	136
3	The recycling of rare earths from waste tricolor phosphors in fluorescent lamps: A review of processes and technologies. Resources, Conservation and Recycling, 2014, 88, 21-31.	10.8	125
4	Environmental impact and economic assessment of secondary lead production: Comparison of main spent lead-acid battery recycling processes in China. Journal of Cleaner Production, 2017, 144, 142-148.	9.3	120
5	The stability and profitability of the informal WEEE collector in developing countries: A case study of China. Resources, Conservation and Recycling, 2016, 107, 18-26.	10.8	105
6	Waste electrical and electronic equipment (WEEE) recycling for a sustainable resource supply in the electronics industry in China. Journal of Cleaner Production, 2016, 127, 331-338.	9.3	103
7	Environmental benefits of secondary copper from primary copper based on life cycle assessment in China. Resources, Conservation and Recycling, 2019, 146, 35-44.	10.8	95
8	Management of used lead acid battery in China: Secondary lead industry progress, policies and problems. Resources, Conservation and Recycling, 2014, 93, 75-84.	10.8	83
9	A review on lead slag generation, characteristics, and utilization. Resources, Conservation and Recycling, 2019, 146, 140-155.	10.8	83
10	To realize better extended producer responsibility: Redesign of WEEE fund mode in China. Journal of Cleaner Production, 2017, 164, 347-356.	9.3	74
11	Recycling of indium from waste LCD: A promising non-crushing leaching with the aid of ultrasonic wave. Waste Management, 2017, 64, 236-243.	7.4	69
12	Operating models and development trends in the extended producer responsibility system for waste electrical and electronic equipment. Resources, Conservation and Recycling, 2017, 127, 159-167.	10.8	68
13	Selecting sustainable technologies for disposal of municipal sewage sludge using a multi-criterion decision-making method: A case study from China. Resources, Conservation and Recycling, 2020, 161, 104881.	10.8	66
14	A systematic review of the deposit-refund system for beverage packaging: Operating mode, key parameter and development trend. Journal of Cleaner Production, 2020, 251, 119660.	9.3	61
15	Recycling strategies of spent V ₂ O ₅ -WO ₃ /TiO ₂ catalyst: A review. Resources, Conservation and Recycling, 2020, 161, 104983.	10.8	59
16	Recent progress on porous carbon derived from Zn and Al based metal-organic frameworks as advanced materials for supercapacitor applications. Journal of Energy Storage, 2021, 44, 103263.	8.1	58
17	Low-Cost Y-Doped TiO ₂ Nanosheets Film with Highly Reactive {001} Facets from CRT Waste and Enhanced Photocatalytic Removal of Cr(VI) and Methyl Orange. ACS Sustainable Chemistry and Engineering, 2016, 4, 1794-1803.	6.7	55
18	Nanocatalyzed upcycling of the plastic wastes for a circular economy. Coordination Chemistry Reviews, 2022, 458, 214422.	18.8	54

#	ARTICLE	IF	CITATIONS
19	Characteristics and properties of glass-ceramics using lead fuming slag. <i>Journal of Cleaner Production</i> , 2018, 175, 251-256.	9.3	52
20	A facile synthesis of nano AgBr attached potato-like Ag ₂ MoO ₄ composite as highly visible-light active photocatalyst for purification of industrial waste-water. <i>Environmental Pollution</i> , 2021, 269, 116034.	7.5	48
21	Urban household solid waste generation and collection in Beijing, China. <i>Resources, Conservation and Recycling</i> , 2015, 104, 31-37.	10.8	46
22	The lead-acid battery industry in China: outlook for production and recycling. <i>Waste Management and Research</i> , 2015, 33, 986-994.	3.9	44
23	Green Recovery of Titanium and Effective Regeneration of TiO ₂ Photocatalysts from Spent Selective Catalytic Reduction Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 3091-3101.	6.7	44
24	An evaluation of the potential yield of indium recycled from end-of-life LCDs: A case study in China. <i>Waste Management</i> , 2015, 46, 480-487.	7.4	43
25	An overview of the comprehensive utilization of silicon-based solid waste related to PV industry. <i>Resources, Conservation and Recycling</i> , 2021, 169, 105450.	10.8	38
26	Sustainable Approach for Spent V ₂ O ₅ WO ₃ /TiO ₂ Catalysts Management: Selective Recovery of Heavy Metal Vanadium and Production of Value-Added WO ₃ TiO ₂ Photocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12502-12510.	6.7	35
27	Green Recovery of Rare Earths from Waste Cathode Ray Tube Phosphors: Oxidative Leaching and Kinetic Aspects. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 7080-7089.	6.7	31
28	Environmental performance analysis on resource multiple-life-cycle recycling system: Evidence from waste pet bottles in China. <i>Resources, Conservation and Recycling</i> , 2020, 158, 104821.	10.8	31
29	Performance simulation and policy optimization of waste polyethylene terephthalate bottle recycling system in China. <i>Resources, Conservation and Recycling</i> , 2020, 162, 105014.	10.8	25
30	Full-Component Pyrolysis Coupled with Reduction of Cathode Material for Recovery of Spent LiNi _x Co _y Mn _z O ₂ Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6318-6328.	6.7	25
31	A novel process for high efficiency recovery of rare earth metals from waste phosphors using a sodium peroxide system. <i>RSC Advances</i> , 2014, 4, 7927.	3.6	24
32	Modeling domestic geographical transfers of toxic substances in WEEE: A case study of spent lead-acid batteries in China. <i>Journal of Cleaner Production</i> , 2018, 198, 1559-1566.	9.3	24
33	Exploring influencing factors of WEEE social recycling behavior: A Chinese perspective. <i>Journal of Cleaner Production</i> , 2021, 312, 127829.	9.3	24
34	Template-free synthesis of mesoporous anatase yttrium-doped TiO ₂ nanosheet-array films from waste tricolor fluorescent powder with high photocatalytic activity. <i>RSC Advances</i> , 2013, 3, 9670.	3.6	23
35	Recovery of rare earth elements from waste fluorescent phosphors: Na ₂ O ₂ molten salt decomposition. <i>Journal of Material Cycles and Waste Management</i> , 2014, 16, 635-641.	3.0	23
36	Characterization, recovery potentiality, and evaluation on recycling major metals from waste cathode-ray tube phosphor powder by using sulphuric acid leaching. <i>Journal of Cleaner Production</i> , 2016, 135, 1210-1217.	9.3	23

#	ARTICLE	IF	CITATIONS
37	The disposal and willingness to pay for residents' scrap fluorescent lamps in China: A case study of Beijing. <i>Resources, Conservation and Recycling</i> , 2016, 114, 103-111.	10.8	22
38	Recycling rare earth elements from waste cathode ray tube phosphors: Experimental study and mechanism analysis. <i>Journal of Cleaner Production</i> , 2018, 205, 58-66.	9.3	22
39	Forecast of future yield for printed circuit board resin waste generated from major household electrical and electronic equipment in China. <i>Journal of Cleaner Production</i> , 2021, 283, 124575.	9.3	22
40	Design and Application of a High-Surface-Area Mesoporous γ - MnO_2 Electrocatalyst for Biomass Oxidative Valorization. <i>Chemistry of Materials</i> , 2022, 34, 3123-3132.	6.7	19
41	Recycling of Nd-Fe-B Sintered Magnets Sludge via the Reduction-Diffusion Route To Produce Sintered Magnets with Strong Energy Density. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6547-6553.	6.7	18
42	Review of rare-earths recovery from polishing powder waste. <i>Resources, Conservation and Recycling</i> , 2021, 171, 105660.	10.8	18
43	Lanthanum-Doped TiO_2 Nanosheet Film with Highly Reactive {001} Facets and Its Enhanced Photocatalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1706-1711.	2.0	16
44	Residents' behavior, awareness, and willingness to pay for recycling scrap lead-acid battery in Beijing. <i>Journal of Material Cycles and Waste Management</i> , 2015, 17, 655-664.	3.0	14
45	Selective recovery of Y and Eu from rare-earth tricolored phosphorescent powders waste via a combined acid-leaching and photo-reduction process. <i>Journal of Cleaner Production</i> , 2019, 226, 858-865.	9.3	14
46	Titanium Extraction from Spent Selective Catalytic Reduction Catalysts in a NaOH Molten-Salt System: Thermodynamic, Experimental, and Kinetic Studies. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019, 50, 471-479.	2.1	12
47	A new facile process to remove Br ⁻ from waste printed circuit boards smelting ash: Thermodynamic analysis and process parameter optimization. <i>Journal of Cleaner Production</i> , 2020, 254, 120176.	9.3	12
48	A new mechanism and kinetic analysis for the efficient conversion of inorganic bromide in waste printed circuit board smelting ash via traditional sulfated roasting. <i>Journal of Hazardous Materials</i> , 2021, 413, 125394.	12.4	12
49	Recovery of Eu from waste blue phosphors ($\text{BaMgAl}_{10}\text{O}_{17}$: Eu^{2+}) by a sodium peroxide system: Kinetics and mechanism aspects. <i>Minerals Engineering</i> , 2020, 151, 106333.	4.3	11
50	Deriving hazardous material flow networks: A case study of lead in China. <i>Journal of Cleaner Production</i> , 2018, 199, 391-399.	9.3	8
51	An integrated and sustainable hydrometallurgical process for enrichment of precious metals and selective separation of copper, zinc, and lead from a roasted sand. <i>Waste Management</i> , 2021, 132, 133-141.	7.4	8
52	Who is the most effective stakeholder to incent in the waste cooking oil supply chain? A case study of Beijing, China. <i>Energy, Ecology and Environment</i> , 2019, 4, 116-124.	3.9	7
53	Analysis of the Influence Mechanism of Consumers' Trading Behavior on Reusable Mobile Phones. <i>Sustainability</i> , 2020, 12, 3921.	3.2	6
54	Reclamation and Harmless Treatment of Waste Cathode Ray Tube Phosphors: Novel and Sustainable Design. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 4321-4329.	6.7	5

#	ARTICLE	IF	CITATIONS
55	Tracking flows of secondary vehicle batteries in China. Resources, Conservation and Recycling, 2019, 142, 34-36.	10.8	5
56	Multi-Criteria Evaluation of Best Available Treatment Technology for Waste Lead-Acid Battery: The Case of China. Sustainability, 2020, 12, 4479.	3.2	5
57	Synthesis of lead sulfide by heavy metal gypsum matched with lead paste. Journal of Cleaner Production, 2018, 182, 280-290.	9.3	4
58	Eco-friendly H ₂ O ₂ leaching for noble-metals Re and W selective recovery from waste thermoelectric materials. Thermal Science and Engineering Progress, 2020, 19, 100563.	2.7	2
59	Heterogenous impacts of components in urban energy metabolism: evidences from gravity model. Environment, Development and Sustainability, 0, , 1.	5.0	1