

Yufeng Wu

List of Publications by Year in descending order

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59
papers

2,499
citations

186265
28
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197818
49
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59
all docs

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docs citations

59
times ranked

2355
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Nanocatalyzed upcycling of the plastic wastes for a circular economy. <i>Coordination Chemistry Reviews</i> , 2022, 458, 214422. | 18.8 | 54 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Review of rare-earths recovery from polishing powder waste. <i>Resources, Conservation and Recycling</i> , 2021, 171, 105660. | 10.8 | 18 |
| 10 | Exploring influencing factors of WEEE social recycling behavior: A Chinese perspective. <i>Journal of Cleaner Production</i> , 2021, 312, 127829. | 9.3 | 24 |
| 11 | Recent progress on porous carbon derived from Zn and Al based metal-organic frameworks as advanced materials for supercapacitor applications. <i>Journal of Energy Storage</i> , 2021, 44, 103263. | 8.1 | 58 |
| 12 | A systematic review of the deposit-refund system for beverage packaging: Operating mode, key parameter and development trend. <i>Journal of Cleaner Production</i> , 2020, 251, 119660. | 9.3 | 61 |
| 13 | 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 |
| 14 | Recycling strategies of spent V ₂ O ₅ -WO ₃ /TiO ₂ catalyst: A review. <i>Resources, Conservation and Recycling</i> , 2020, 161, 104983. | 10.8 | 59 |
| 15 | Recovery of Eu from waste blue phosphors (BaMgAl ₁₀ O ₁₇ : Eu ²⁺) by a sodium peroxide system: Kinetics and mechanism aspects. <i>Minerals Engineering</i> , 2020, 151, 106333. | 4.3 | 11 |
| 16 | Selecting sustainable technologies for disposal of municipal sewage sludge using a multi-criterion decision-making method: A case study from China. <i>Resources, Conservation and Recycling</i> , 2020, 161, 104881. | 10.8 | 66 |
| 17 | Eco-friendly H ₂ O ₂ leaching for noble-metals Re and W selective recovery from waste thermoelectric materials. <i>Thermal Science and Engineering Progress</i> , 2020, 19, 100563. | 2.7 | 2 |
| 18 | Analysis of the Influence Mechanism of Consumers'™ Trading Behavior on Reusable Mobile Phones. <i>Sustainability</i> , 2020, 12, 3921. | 3.2 | 6 |

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|----|--|------|-----------|
| 19 | Multi-Criteria Evaluation of Best Available Treatment Technology for Waste Lead-Acid Battery: The Case of China. <i>Sustainability</i> , 2020, 12, 4479. | 3.2 | 5 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | Environmental benefits of secondary copper from primary copper based on life cycle assessment in China. <i>Resources, Conservation and Recycling</i> , 2019, 146, 35-44. | 10.8 | 95 |
| 25 | A review on lead slag generation, characteristics, and utilization. <i>Resources, Conservation and Recycling</i> , 2019, 146, 140-155. | 10.8 | 83 |
| 26 | 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 |
| 27 | Tracking flows of secondary vehicle batteries in China. <i>Resources, Conservation and Recycling</i> , 2019, 142, 34-36. | 10.8 | 5 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | Synthesis of lead sulfide by heavy metal gypsum matched with lead paste. <i>Journal of Cleaner Production</i> , 2018, 182, 280-290. | 9.3 | 4 |
| 32 | Characteristics and properties of glass-ceramics using lead fuming slag. <i>Journal of Cleaner Production</i> , 2018, 175, 251-256. | 9.3 | 52 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|---|------|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | Recovery of waste printed circuit boards through pyrometallurgical processing: A review. Resources, Conservation and Recycling, 2017, 126, 209-218. | 10.8 | 136 |
| 42 | To realize better extended producer responsibility: Redesign of WEEE fund mode in China. Journal of Cleaner Production, 2017, 164, 347-356. | 9.3 | 74 |
| 43 | 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 |
| 44 | Green Recovery of Rare Earths from Waste Cathode Ray Tube Phosphors: Oxidative Leaching and Kinetic Aspects. ACS Sustainable Chemistry and Engineering, 2016, 4, 7080-7089. | 6.7 | 31 |
| 45 | Characterization, recovery potentiality, and evaluation on recycling major metals from waste cathode-ray tube phosphor powder by using sulphuric acid leaching. Journal of Cleaner Production, 2016, 135, 1210-1217. | 9.3 | 23 |
| 46 | The disposal and willingness to pay for residents' scrap fluorescent lamps in China: A case study of Beijing. Resources, Conservation and Recycling, 2016, 114, 103-111. | 10.8 | 22 |
| 47 | Lanthanum-Doped TiO ₂ Nanosheet Film with Highly Reactive {001} Facets and Its Enhanced Photocatalytic Activity. European Journal of Inorganic Chemistry, 2016, 2016, 1706-1711. | 2.0 | 16 |
| 48 | 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 |
| 49 | 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 |
| 50 | An evaluation of the potential yield of indium recycled from end-of-life LCDs: A case study in China. Waste Management, 2015, 46, 480-487. | 7.4 | 43 |
| 51 | Residents' behavior, awareness, and willingness to pay for recycling scrap lead-acid battery in Beijing. Journal of Material Cycles and Waste Management, 2015, 17, 655-664. | 3.0 | 14 |
| 52 | The lead-acid battery industry in China: outlook for production and recycling. Waste Management and Research, 2015, 33, 986-994. | 3.9 | 44 |
| 53 | Urban household solid waste generation and collection in Beijing, China. Resources, Conservation and Recycling, 2015, 104, 31-37. | 10.8 | 46 |
| 54 | Recovery of rare earth elements from waste fluorescent phosphors: Na ₂ O ₂ molten salt decomposition. Journal of Material Cycles and Waste Management, 2014, 16, 635-641. | 3.0 | 23 |

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|----|---|------|-----------|
| 55 | 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 |
| 56 | A novel process for high efficiency recovery of rare earth metals from waste phosphors using a sodium peroxide system. RSC Advances, 2014, 4, 7927. | 3.6 | 24 |
| 57 | 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 |
| 58 | Template-free synthesis of mesoporous anatase yttrium-doped TiO ₂ nanosheet-array films from waste tricolor fluorescent powder with high photocatalytic activity. RSC Advances, 2013, 3, 9670. | 3.6 | 23 |
| 59 | Heterogenous impacts of components in urban energy metabolism: evidences from gravity model. Environment, Development and Sustainability, 0, , 1. | 5.0 | 1 |