

Nazmul Huda

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

1,824
citations

24
h-index

42
g-index

60
ext. papers

2,478
ext. citations

8.2
avg, IF

6.1
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 60 | e-Waste Management and Practices in Developed and Developing Countries* 2022 , 15-32 | | 1 |
| 59 | What drives WEEE recycling? A comparative study concerning legislation, collection and recycling.. <i>Waste Management and Research</i> , 2022 , 734242X221081660 | 4 | 2 |
| 58 | Waste battery disposal and recycling behavior: a study on the Australian perspective.. <i>Environmental Science and Pollution Research</i> , 2022 , 1 | 5.1 | 3 |
| 57 | Multi-levels of photovoltaic waste management: A holistic framework. <i>Journal of Cleaner Production</i> , 2021 , 294, 126252 | 10.3 | 8 |
| 56 | Reverse logistics network design for waste solar photovoltaic panels: A case study of New South Wales councils in Australia. <i>Waste Management and Research</i> , 2021 , 39, 386-395 | 4 | 6 |
| 55 | Critical assessment of renewable energy waste generation in OECD countries: Decommissioned PV panels. <i>Resources, Conservation and Recycling</i> , 2021 , 164, 105145 | 11.9 | 15 |
| 54 | Young consumers e-waste awareness, consumption, disposal, and recycling behavior: A case study of university students in Sydney, Australia. <i>Journal of Cleaner Production</i> , 2021 , 282, 124490 | 10.3 | 21 |
| 53 | Comparative Life Cycle Assessment of Uranium Extraction Processes 2021 , 85-113 | | |
| 52 | Life Cycle Assessment of CopperGoldLeadSilverZinc Beneficiation Process 2021 , 115-140 | | |
| 51 | Life Cycle Assessment of Solar Process Heating System Integrated in Mining Process 2021 , 141-168 | | |
| 50 | Future of Electrochemical Energy Storage and Its Impact on the Transition Metals 2021 , 341-357 | | |
| 49 | A global review of consumer behavior towards e-waste and implications for the circular economy. <i>Journal of Cleaner Production</i> , 2021 , 316, 128297 | 10.3 | 13 |
| 48 | Life cycle Assessment of Ilmenite and Rutile Production in Australia 2021 , 61-83 | | 1 |
| 47 | Life Cycle Assessment in Mining Industries 2021 , 15-59 | | |
| 46 | Solar process heat integration in lead mining process. <i>Case Studies in Thermal Engineering</i> , 2020 , 22, 100768 | 5.68 | 5 |
| 45 | Membrane Processes for Resource Recovery from Anaerobically Digested Livestock Manure Effluent: Opportunities and Challenges. <i>Current Pollution Reports</i> , 2020 , 6, 123-136 | 7.6 | 8 |
| 44 | Environmental impacts and economic feasibility of end of life photovoltaic panels in Australia: A comprehensive assessment. <i>Journal of Cleaner Production</i> , 2020 , 260, 120996 | 10.3 | 20 |

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| 43 | E-waste management practices in Australia 2020 , 553-576 | | 2 |
| 42 | Life-cycle impact assessment of renewable electricity generation systems in the United States. <i>Renewable Energy</i> , 2020 , 151, 1028-1045 | 8.1 | 21 |
| 41 | Reshaping WEEE management in Australia: An investigation on the untapped WEEE products. <i>Journal of Cleaner Production</i> , 2020 , 250, 119496 | 10.3 | 17 |
| 40 | Effects of moisture and carbon/nitrogen ratio on gaseous emissions and maturity during direct composting of cornstalks used for filtration of anaerobically digested manure centrate. <i>Bioresource Technology</i> , 2020 , 298, 122503 | 11 | 32 |
| 39 | Waste mobile phones: A survey and analysis of the awareness, consumption and disposal behavior of consumers in Australia. <i>Journal of Environmental Management</i> , 2020 , 275, 111111 | 7.9 | 21 |
| 38 | Assessing the recycling potential of [unregulated] e-waste in Australia. <i>Resources, Conservation and Recycling</i> , 2020 , 152, 104526 | 11.9 | 38 |
| 37 | Material flow analysis (MFA) as a strategic tool in E-waste management: Applications, trends and future directions. <i>Journal of Environmental Management</i> , 2019 , 244, 344-361 | 7.9 | 46 |
| 36 | A review on the impact of mining and mineral processing industries through life cycle assessment. <i>Journal of Cleaner Production</i> , 2019 , 231, 1200-1217 | 10.3 | 56 |
| 35 | A strategic impact assessment of hydropower plants in alpine and non-alpine areas of Europe. <i>Applied Energy</i> , 2019 , 250, 198-214 | 10.7 | 22 |
| 34 | Impact analysis of gold silver refining processes through life-cycle assessment. <i>Journal of Cleaner Production</i> , 2019 , 228, 867-881 | 10.3 | 10 |
| 33 | Life cycle assessment of cobalt extraction process. <i>Journal of Sustainable Mining</i> , 2019 , 18, 150-161 | 3.5 | 45 |
| 32 | Current energy mix and techno-economic analysis of concentrating solar power (CSP) technologies in Malaysia. <i>Renewable Energy</i> , 2019 , 140, 789-806 | 8.1 | 40 |
| 31 | End-of-life photovoltaic modules: A systematic quantitative literature review. <i>Resources, Conservation and Recycling</i> , 2019 , 146, 1-16 | 11.9 | 64 |
| 30 | Photovoltaic waste assessment: Forecasting and screening of emerging waste in Australia. <i>Resources, Conservation and Recycling</i> , 2019 , 146, 192-205 | 11.9 | 38 |
| 29 | Hydrogen diffusion and dissociation influenced by the laser treatments: a study in the context of silicon processing. <i>Materials Research Express</i> , 2019 , 6, 066204 | 1.7 | |
| 28 | Comparative Life Cycle Environmental Impact Analysis of Lithium-Ion (LiIo) and Nickel-Metal Hydride (NiMH) Batteries. <i>Batteries</i> , 2019 , 5, 22 | 5.7 | 24 |
| 27 | Impacts of aluminum production: A cradle to gate investigation using life-cycle assessment. <i>Science of the Total Environment</i> , 2019 , 663, 958-970 | 10.2 | 31 |
| 26 | Advanced power routing framework for optimal economic operation and control of solar photovoltaic-based islanded microgrid. <i>IET Smart Grid</i> , 2019 , 2, 242-249 | 2.7 | 5 |

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| 25 | Life-cycle assessment of solar integrated mining processes: A sustainable future. <i>Journal of Cleaner Production</i> , 2019 , 236, 117610 | 10.3 | 9 |
| 24 | Techno-Economic Operation and Environmental Life-Cycle Assessment of a Solar PV-Driven Islanded Microgrid. <i>IEEE Access</i> , 2019 , 7, 111828-111839 | 3.5 | 9 |
| 23 | E-waste in Australia: Generation estimation and untapped material recovery and revenue potential. <i>Journal of Cleaner Production</i> , 2019 , 237, 117787 | 10.3 | 42 |
| 22 | A global life cycle assessment of manganese mining processes based on EcoInvent database. <i>Science of the Total Environment</i> , 2019 , 688, 1102-1111 | 10.2 | 15 |
| 21 | Industry-Specific Utilization of Solar Industrial Process Heat (SHIP) 2019 , 409-438 | | |
| 20 | Life cycle analysis of copper-gold-lead-silver-zinc beneficiation process. <i>Science of the Total Environment</i> , 2019 , 659, 41-52 | 10.2 | 32 |
| 19 | Ensuring best E-waste recycling practices in developed countries: An Australian example. <i>Journal of Cleaner Production</i> , 2019 , 209, 846-854 | 10.3 | 39 |
| 18 | Waste electric and electronic equipment (WEEE) management: A study on the Brazilian recycling routes. <i>Journal of Cleaner Production</i> , 2018 , 174, 7-16 | 10.3 | 54 |
| 17 | Solar process heat in industrial systems [A global review. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 82, 2270-2286 | 16.2 | 125 |
| 16 | Recent Advances in Nanogenerator-Driven Self-Powered Implantable Biomedical Devices. <i>Advanced Energy Materials</i> , 2018 , 8, 1701210 | 21.8 | 109 |
| 15 | Environmental impact assessment of european non-ferro mining industries through life-cycle assessment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 154, 012019 | 0.3 | 7 |
| 14 | Comparative life-cycle assessment of uranium extraction processes. <i>Journal of Cleaner Production</i> , 2018 , 202, 666-683 | 10.3 | 31 |
| 13 | Environmental profile evaluations of piezoelectric polymers using life cycle assessment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 154, 012017 | 0.3 | 5 |
| 12 | Life-Cycle environmental impact assessment of mineral industries. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 351, 012016 | 0.4 | 16 |
| 11 | Solar industrial process heating systems in operation [Current SHIP plants and future prospects in Australia. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 91, 409-419 | 16.2 | 41 |
| 10 | Thermal Effects on the Hydrogen Passivation of Silicon Wafers During Diode Laser Annealing. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018 , 215, 1800060 | 1.6 | 1 |
| 9 | Waste electrical and electronic equipment (WEEE) management: An analysis on the australian e-waste recycling scheme. <i>Journal of Cleaner Production</i> , 2018 , 197, 750-764 | 10.3 | 53 |
| 8 | Towards sustainable TiO ₂ production: An investigation of environmental impacts of ilmenite and rutile processing routes in Australia. <i>Journal of Cleaner Production</i> , 2018 , 196, 1016-1025 | 10.3 | 35 |

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| 7 | Environmental Life-Cycle Assessment and Techno-Economic Analysis of Photovoltaic (PV) and Photovoltaic/Thermal (PV/T) Systems 2018 , | | 3 |
| 6 | Environmental Impacts of Solar-Photovoltaic and Solar-Thermal Systems with Life-Cycle Assessment. <i>Energies</i> , 2018 , 11, 2346 | 3.1 | 55 |
| 5 | Reverse logistics and closed-loop supply chain of Waste Electrical and Electronic Equipment (WEEE)/E-waste: A comprehensive literature review. <i>Resources, Conservation and Recycling</i> , 2018 , 137, 48-75 | 11.9 | 156 |
| 4 | A comprehensive review of state-of-the-art concentrating solar power (CSP) technologies: Current status and research trends. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 91, 987-1018 | 16.2 | 303 |
| 3 | Computational Fluid Dynamic Modeling of Zinc Slag Fuming Process in Top-Submerged Lance Smelting Furnace. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2012 , 43, 39-55 | 2.5 | 30 |
| 2 | Computational Fluid Dynamics (CFD) Investigation of Submerged Combustion Behavior in a Tuyere Blown Slag-fuming Furnace. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2012 , 43, 1054-1068 | 2.5 | 19 |
| 1 | CFD Modeling of Swirl and Nonswirl Gas Injections into Liquid Baths Using Top Submerged Lances. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2010 , 41, 35-50 | 2.5 | 20 |