

Nazmul Huda

List of Publications by Citations

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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	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
59	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
58	Solar process heat in industrial systems [A global review. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 82, 2270-2286	16.2	125
57	Recent Advances in Nanogenerator-Driven Self-Powered Implantable Biomedical Devices. <i>Advanced Energy Materials</i> , 2018 , 8, 1701210	21.8	109
56	End-of-life photovoltaic modules: A systematic quantitative literature review. <i>Resources, Conservation and Recycling</i> , 2019 , 146, 1-16	11.9	64
55	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
54	Environmental Impacts of Solar-Photovoltaic and Solar-Thermal Systems with Life-Cycle Assessment. <i>Energies</i> , 2018 , 11, 2346	3.1	55
53	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
52	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
51	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
50	Life cycle assessment of cobalt extraction process. <i>Journal of Sustainable Mining</i> , 2019 , 18, 150-161	3.5	45
49	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
48	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
47	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
46	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
45	Photovoltaic waste assessment: Forecasting and screening of emerging waste in Australia. <i>Resources, Conservation and Recycling</i> , 2019 , 146, 192-205	11.9	38
44	Assessing the recycling potential of [unregulated]e-waste in Australia. <i>Resources, Conservation and Recycling</i> , 2020 , 152, 104526	11.9	38

43	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
42	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
41	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
40	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
39	Comparative life-cycle assessment of uranium extraction processes. <i>Journal of Cleaner Production</i> , 2018 , 202, 666-683	10.3	31
38	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
37	Comparative Life Cycle Environmental Impact Analysis of Lithium-Ion (Lilo) and Nickel-Metal Hydride (NiMH) Batteries. <i>Batteries</i> , 2019 , 5, 22	5.7	24
36	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
35	Life-cycle impact assessment of renewable electricity generation systems in the United States. <i>Renewable Energy</i> , 2020 , 151, 1028-1045	8.1	21
34	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
33	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
32	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
31	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
30	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
29	Reshaping WEEE management in Australia: An investigation on the untapped WEEE products. <i>Journal of Cleaner Production</i> , 2020 , 250, 119496	10.3	17
28	Life-Cycle environmental impact assessment of mineral industries. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 351, 012016	0.4	16
27	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
26	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

25	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
24	Impact analysis of gold silver refining processes through life-cycle assessment. <i>Journal of Cleaner Production</i> , 2019 , 228, 867-881	10.3	10
23	Life-cycle assessment of solar integrated mining processes: A sustainable future. <i>Journal of Cleaner Production</i> , 2019 , 236, 117610	10.3	9
22	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
21	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
20	Multi-levels of photovoltaic waste management: A holistic framework. <i>Journal of Cleaner Production</i> , 2021 , 294, 126252	10.3	8
19	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
18	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
17	Solar process heat integration in lead mining process. <i>Case Studies in Thermal Engineering</i> , 2020 , 22, 100768	6.8	5
16	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
15	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
14	Environmental Life-Cycle Assessment and Techno-Economic Analysis of Photovoltaic (PV) and Photovoltaic/Thermal (PV/T) Systems 2018 ,		3
13	Waste battery disposal and recycling behavior: a study on the Australian perspective.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	3
12	E-waste management practices in Australia 2020 , 553-576		2
11	What drives WEEE recycling? A comparative study concerning legislation, collection and recycling.. <i>Waste Management and Research</i> , 2022 , 734242X221081660	4	2
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	e-Waste Management and Practices in Developed and Developing Countries* 2022 , 15-32		1
8	Life cycle Assessment of Ilmenite and Rutile Production in Australia 2021 , 61-83		1

- 7 Hydrogen diffusion and dissociation influenced by the laser treatments: a study in the context of silicon processing. *Materials Research Express*, **2019**, 6, 066204 1.7
- 6 Industry-Specific Utilization of Solar Industrial Process Heat (SHIP) **2019**, 409-438
- 5 Comparative Life Cycle Assessment of Uranium Extraction Processes **2021**, 85-113
- 4 Life Cycle Assessment of Copper-Gold-Lead-Silver-Zinc Beneficiation Process **2021**, 115-140
- 3 Life Cycle Assessment of Solar Process Heating System Integrated in Mining Process **2021**, 141-168
- 2 Future of Electrochemical Energy Storage and Its Impact on the Transition Metals **2021**, 341-357
- 1 Life Cycle Assessment in Mining Industries **2021**, 15-59