

Komal Habib

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,265
citations

430442

18
h-index

676716

22
g-index

24
all docs

24
docs citations

24
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring rare earths supply constraints for the emerging clean energy technologies and the role of recycling. <i>Journal of Cleaner Production</i> , 2014, 84, 348-359.	4.6	196
2	A review of methods and data to determine raw material criticality. <i>Resources, Conservation and Recycling</i> , 2020, 155, 104617.	5.3	137
3	Waste electrical and electronic equipment (WEEE) in Denmark: Flows, quantities and management. <i>Resources, Conservation and Recycling</i> , 2017, 123, 85-92.	5.3	114
4	Critical metals for electromobility: Global demand scenarios for passenger vehicles, 2015–2050. <i>Resources, Conservation and Recycling</i> , 2020, 154, 104603.	5.3	97
5	A dynamic perspective of the geopolitical supply risk of metals. <i>Journal of Cleaner Production</i> , 2016, 133, 850-858.	4.6	83
6	Recycling of rare earths from fluorescent lamps: Value analysis of closing-the-loop under demand and supply uncertainties. <i>Resources, Conservation and Recycling</i> , 2015, 104, 76-93.	5.3	82
7	Tracking the Flow of Resources in Electronic Waste - The Case of End-of-Life Computer Hard Disk Drives. <i>Environmental Science & Technology</i> , 2015, 49, 12441-12449.	4.6	68
8	Material Flow Analysis of NdFeB Magnets for Denmark: A Comprehensive Waste Flow Sampling and Analysis Approach. <i>Environmental Science & Technology</i> , 2014, 48, 12229-12237.	4.6	64
9	A historical perspective of Global Warming Potential from Municipal Solid Waste Management. <i>Waste Management</i> , 2013, 33, 1926-1933.	3.7	57
10	Reviewing resource criticality assessment from a dynamic and technology specific perspective – using the case of direct-drive wind turbines. <i>Journal of Cleaner Production</i> , 2016, 112, 3852-3863.	4.6	57
11	Review of household food waste quantification methods: Focus on composition analysis. <i>Journal of Cleaner Production</i> , 2021, 279, 123722.	4.6	54
12	Environmental and resource implications of phosphorus recovery from waste activated sludge. <i>Waste Management</i> , 2015, 45, 391-399.	3.7	46
13	Electronic waste in the Caribbean: An impending environmental disaster or an opportunity for a circular economy?. <i>Resources, Conservation and Recycling</i> , 2021, 164, 105106.	5.3	41
14	End-of-life resource recovery from emerging electronic products – A case study of robotic vacuum cleaners. <i>Journal of Cleaner Production</i> , 2016, 137, 652-666.	4.6	34
15	A product classification approach to optimize circularity of critical resources – the case of NdFeB magnets. <i>Journal of Cleaner Production</i> , 2019, 230, 90-97.	4.6	30
16	Estimating the construction material stocks in two Canadian cities: A case study of Kitchener and Waterloo. <i>Journal of Cleaner Production</i> , 2021, 280, 124501.	4.6	24
17	Life Cycle Assessment and Material Flow Analysis: Two Under-Utilized Tools for Informing E-Waste Management. <i>Sustainability</i> , 2021, 13, 7939.	1.6	21
18	Greater circularity leads to lower criticality, and other links between criticality and the circular economy. <i>Resources, Conservation and Recycling</i> , 2020, 159, 104718.	5.3	19

#	ARTICLE	IF	CITATIONS
19	COVID-19 impacts on metal supply: How does 2020 differ from previous supply chain disruptions?. Resources, Conservation and Recycling, 2021, 165, 105229.	5.3	14
20	How big is circular economy potential on Caribbean islands considering e-waste?. Journal of Cleaner Production, 2021, 317, 128457.	4.6	13
21	The role of industrial actors in the circular economy for critical raw materials: a framework with case studies across a range of industries. Mineral Economics, 2023, 36, 301-319.	1.3	8
22	Pre-processing of e-waste in Canada: Case of a facility responding to changing material composition. Resources, Environment and Sustainability, 2022, 9, 100069.	2.9	5