Glen D Corder

List of Publications by Year
in descending order

39 papers	3,108 citations	218677 26 h-index	302126 39 g-index
39 all docs	39 docs citations	39 times ranked	2999 citing authors

#	Article	IF	Citations
1	Costs and carbon emissions for geopolymer pastes in comparison to ordinary portland cement. Journal of Cleaner Production, 2011, 19, 1080-1090.	9.3	1,221
2	Industrial Symbiosis in the Australian Minerals Industry: The Cases of Kwinana and Gladstone. Journal of Industrial Ecology, 2008, 11, 55-72.	5.5	207
3	Re-Thinking Mining Waste through an Integrative Approach Led by Circular Economy Aspirations. Minerals (Basel, Switzerland), 2019, 9, 286.	2.0	145
4	The Role of the Mining Industry in a Circular Economy: A Framework for Resource Management at the Mine Site Level. Journal of Industrial Ecology, 2017, 21, 662-672.	5.5	123
5	Barriers to Industrial Symbiosis: Insights from the Use of a Maturity Grid. Journal of Industrial Ecology, 2015, 19, 141-153.	5.5	103
6	Incorporating sustainable development in the design of mineral processing operations â€“ Review and analysis of current approaches. Journal of Cleaner Production, 2009, 17, 1414-1425.	9.3	95
7	Renewable energy in the minerals industry: a review of global potential. Journal of Cleaner Production, 2012, 32, 32-44.	9.3	92
8	Sustainability of Rare Earthsâ€"An Overview of the State of Knowledge. Minerals (Basel, Switzerland), 2013, 3, 304-317.	2.0	92
9	Where next on e-waste in Australia?. Waste Management, 2016, 58, 348-358.	7.4	90
10	Sustainable practices in the management of mining waste: A focus on the mineral resource. Minerals Engineering, 2017, 107, 34-42.	4.3	89
11	Techno economic analysis of electronic waste processing through black copper smelting route. Journal of Cleaner Production, 2016, 126, 178-190.	9.3	84
12	Source Risks As Constraints to Future Metal Supply. Environmental Science & Technology, 2019, 53, 10571-10579.	10.0	60
13	Integrating Industrial Ecology Thinking into the Management of Mining Waste. Resources, 2015, 4, 765-786.	3.5	53
14	Typology of Options for Metal Recycling: Australiaâ€™s Perspective. Resources, 2016, 5, 1.	3.5	51
15	â€œWealth from metal wasteâ€: Translating global knowledge on industrial ecology to metals recycling in Australia. Minerals Engineering, 2015, 76, 2-9.	4.3	50
16	Quantifying metal values in e-waste in Australia: The value chain perspective. Minerals Engineering, 2017, 107, 81-87.	4.3	49
17	Life cycle assessment of seawater neutralised red mud for treatment of acid mine drainage. Resources, Conservation and Recycling, 2008, 52, 1307-1314.	10.8	45
18	Regional synergies in the Australian minerals industry: Case-studies and enabling tools. Minerals Engineering, 2007, 20, 830-841.	4.3	40

#	Article	IF	Citations
19	The Status of Industrial Ecology in Australia: Barriers and Enablers. Resources, 2014, 3, 340-361.	3.5	39
20	Incorporating sustainable development principles into minerals processing design and operation: SUSOPÂ®. Minerals Engineering, 2010, 23, 175-181.	4.3	38
21	Risk reduction through early assessment and integration of sustainability in design in the minerals industry. Journal of Cleaner Production, 2013, 53, 37-46.	9.3	34
22	Estimating flows and metal recovery values of waste printed circuit boards in Australian e-waste. Minerals Engineering, 2019, 137, 171-176.	4.3	32
23	Strategic evaluation of recycling high-tech metals from urban mines in China: An emerging industrial perspective. Journal of Cleaner Production, 2019, 208, 697-708.	9.3	31
24	Industrial symbiosis in Gladstone: a decade of progress and future development. Journal of Cleaner Production, 2014, 84, 421-429.	9.3	29
25	â€œSlowingâ€•and â€œNarrowingâ€•the Flow of Metals for Consumer Goods: Evaluating Opportunities and Barriers. Sustainability, 2018, 10, 1096.	3.2	29
26	Critical Minerals and Energyâ€“Impacts and Limitations of Moving to Unconventional Resources. Resources, 2016, 5, 19.	3.5	28
27	Global review of human waste-picking and its contribution to poverty alleviation and a circular economy. Environmental Research Letters, 2022, 17, 063002.	5.2	22
28	Developing a classification system for regional resource synergies. Minerals Engineering, 2012, 29, 58-64.	4.3	19
29	Modelling metal flows in the Australian economy. Journal of Cleaner Production, 2016, 112, 4296-4303.	9.3	19
30	Engineering-in sustainability through the application of SUSOPÂ®. Chemical Engineering Research and Design, 2012, 90, 98-109.	5.6	18
31	A practical and rigorous approach for the integration of sustainability principles into the decision-making processes at minerals processing operations. Minerals Engineering, 2012, 29, 65-71.	4.3	15
32	Delivering solutions for resource conservation and recycling into project management systems through SUSOPÂ®. Minerals Engineering, 2012, 29, 47-57.	4.3	15
33	Insights from case studies into sustainable design approaches in the minerals industry. Minerals Engineering, 2015, 76, 47-57.	4.3	11
34	Future trends and strategies of recycling high-tech metals from urban mines in China: 2015â€“2050. Resources, Conservation and Recycling, 2019, 149, 261-274.	10.8	11
35	Feedforward control of a wastewater plant. Water Research, 1986, 20, 301-309.	11.3	7
36	Transport in the minerals industry â€“ Contributions to greenhouse gas emissions and potential for mitigation. Minerals Engineering, 2011, 24, 1430-1439.	4.3	7

#	Article	IF	Citations
37	Evaluation of Environmental and Economic Benefits of Land Reclamation in the Indonesian Coal Mining Industry. Resources, 2021, 10, 60.	3.5	7
38	Rare metals, unconventional resources, and sustainability. Special Paper of the Geological Society of America, 2016, , 57-65.	0.5	5
39	An Experimental Study of the Wear at Hopper Walls. KONA Powder and Particle Journal, 1995, 13, 105-112.	1.7	3