

Helena Monteiro

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.

21
papers

368
citations

6
h-index

19
g-index

22
ext. papers

482
ext. citations

6.1
avg, IF

3.85
L-index

#	Paper	IF	Citations
21	Life cycle energy of vehicles on lightweighting and alternative powertrain strategies A review. <i>Energy Reports</i> , 2022 , 8, 241-247	4.6	1
20	Energy and material efficiency strategies enabled by metal additive manufacturing A review for the aeronautic and aerospace sectors. <i>Energy Reports</i> , 2022 , 8, 298-305	4.6	4
19	Life Cycle Assessment studies on lightweight materials for automotive applications - An overview. <i>Energy Reports</i> , 2022 , 8, 338-345	4.6	3
18	Life cycle energy and carbon emissions of colorants extraction from Hibiscus sabdariffa. <i>Energy Reports</i> , 2022 , 8, 277-283	4.6	2
17	Life cycle energy and carbon emissions of essential oil extraction from Rosemary. <i>Energy Reports</i> , 2022 , 8, 291-297	4.6	2
16	Life cycle energy and carbon analysis of a road-safety barrier produced using recycled tire rubber. <i>Energy Reports</i> , 2022 , 8, 270-276	4.6	
15	Integrated environmental and economic life cycle assessment of improvement strategies for a ceramic industry. <i>Journal of Cleaner Production</i> , 2022 , 345, 131173	10.3	1
14	Environmental life cycle assessment of early-stage development of ergosterol extraction from mushroom bio-residues. <i>Journal of Cleaner Production</i> , 2022 , 131623	10.3	
13	Efficiency framework to assess aeronautic composite panel production: Tracking environmental and process performance. <i>Sustainable Production and Consumption</i> , 2022 , 31, 419-431	8.2	0
12	Integrated life cycle assessment of a southern European house addressing different design, construction solutions, operational patterns, and heating systems. <i>Energy Reports</i> , 2022 , 8, 526-532	4.6	0
11	Advancements in nano-enabled cement and concrete: Innovative properties and environmental implications. <i>Journal of Building Engineering</i> , 2022 , 104736	5.2	1
10	Life cycle assessment of a south European house addressing building design options for orientation, window sizing and building shape. <i>Journal of Building Engineering</i> , 2021 , 39, 102276	5.2	6
9	Indoor Air Quality Improvement Using Nature-Based Solutions: Design Proposals to Greener Cities. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
8	Advances in standalone and hybrid earth-air heat exchanger (EAHE) systems for buildings: A review. <i>Energy and Buildings</i> , 2021 , 111532	7	6
7	Life cycle energy and carbon emissions of ergosterol from mushroom residues. <i>Energy Reports</i> , 2020 , 6, 333-339	4.6	7
6	Review on Energy Efficiency Progresses, Technologies and Strategies in the Ceramic Sector Focusing on Waste Heat Recovery. <i>Energies</i> , 2020 , 13, 6096	3.1	13
5	Life-Cycle Assessment of Alternative Envelope Construction for a New House in South-Western Europe: Embodied and Operational Magnitude. <i>Energies</i> , 2020 , 13, 4145	3.1	3

4	Technical and economical assessment of waste heat recovery on a ceramic industry 2019 , 524-530		0
3	A review on current advances in the energy and environmental performance of buildings towards a more sustainable built environment. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 77, 845-860	16.2	119
2	Comparative life-cycle energy analysis of a new and an existing house: The significance of occupant habits, building systems and embodied energy. <i>Sustainable Cities and Society</i> , 2016 , 26, 507-518	10.1	45
1	Life-cycle assessment of a house with alternative exterior walls: Comparison of three impact assessment methods. <i>Energy and Buildings</i> , 2012 , 47, 572-583	7	152