

Simone Maranghi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

497
citations

932766

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1199166

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15
docs citations

15
times ranked

607
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of the dye sensitized solar cells from Grätzel prototype to up-scaled solar applications: A life cycle assessment approach. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 39, 124-138.	8.2	138
2	Integration of two-dimensional materials-based perovskite solar panels into a stand-alone solar farm. <i>Nature Energy</i> , 2022, 7, 597-607.	19.8	66
3	Prospective life cycle assessment of third-generation photovoltaics at the pre-industrial scale: A long-term scenario approach. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 121, 109703.	8.2	63
4	Environmental sustainability evaluation of innovative self-cleaning textiles. <i>Journal of Cleaner Production</i> , 2016, 133, 439-450.	4.6	45
5	Environmental Profile of the Manufacturing Process of Perovskite Photovoltaics: Harmonization of Life Cycle Assessment Studies. <i>Energies</i> , 2019, 12, 3746.	1.6	45
6	Integrating urban metabolism and life cycle assessment to analyse urban sustainability. <i>Ecological Indicators</i> , 2020, 112, 106074.	2.6	45
7	Environmental analysis of a nano-grid: A Life Cycle Assessment. <i>Science of the Total Environment</i> , 2020, 700, 134814.	3.9	24
8	DEVELOPMENT OF DYE SENSITIZED SOLAR CELLS: A LIFE CYCLE PERSPECTIVE FOR THE ENVIRONMENTAL AND MARKET POTENTIAL ASSESSMENT OF A RENEWABLE ENERGY TECHNOLOGY. <i>International Journal of Heat and Technology</i> , 2013, 31, 143-148.	0.3	18
9	Environmental impact analysis applied to solar pasteurization systems. <i>Journal of Cleaner Production</i> , 2019, 212, 1368-1380.	4.6	17
10	Combined LCA and Green Metrics Approach for the Sustainability Assessment of an Organic Dye Synthesis on Lab Scale. <i>Frontiers in Chemistry</i> , 2020, 8, 214.	1.8	17
11	The critical issue of using lead for sustainable massive production of perovskite solar cells: a review of relevant literature. <i>Open Research Europe</i> , 0, 1, 44.	2.0	7
12	LCA as a Support Tool for the Evaluation of Industrial Scale-Up. , 2020, , 125-143.		5
13	Life Cycle Inventory datasets for nano-grid configurations. <i>Data in Brief</i> , 2020, 28, 104895.	0.5	4
14	Life Cycle Inventories datasets for future European electricity mix scenarios. <i>Data in Brief</i> , 2020, 30, 105499.	0.5	2
15	The critical issue of using lead for sustainable massive production of perovskite solar cells: a review of relevant literature. <i>Open Research Europe</i> , 0, 1, 44.	2.0	1