Simone Maranghi

List of Publications by Year
in descending order

15	497	932766 10	1199166 12
papers	citations	h-index	g-index

15	15	15	607
all docs	docs citations	times ranked	citing authors

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