

Sergio Materi

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.

9

papers

55

citations

5

h-index

7

g-index

9

ext. papers

79

ext. citations

3.4

avg, IF

3.22

L-index

#	Paper	IF	Citations
9	Peak Energy Reduction in Flow Shop including Switch-Off Policies and Battery Storage. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2448	2.6	0
8	Reducing energy costs and CO2 emissions by production system energy flexibility through the integration of renewable energy. <i>Production Engineering</i> , 2021 , 15, 667-681	1.9	6
7	A Job-Shop Scheduling Decision-Making Model for Sustainable Production Planning With Power Constraint. <i>IEEE Transactions on Engineering Management</i> , 2021 , 1-10	2.6	2
6	A Literature Review of Energy Efficiency and Sustainability in Manufacturing Systems. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7366	2.6	10
5	A dynamic decision model for energy-efficient scheduling of manufacturing system with renewable energy supply. <i>Journal of Cleaner Production</i> , 2020 , 270, 122028	10.3	10
4	Design Model of Flow Lines to Include Switch-Off Policies Reducing Energy Consumption. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1475	2.6	5
3	Intelligent decision-making model based on minority game for resource allocation in cloud manufacturing. <i>Management Decision</i> , 2020 , 58, 2305-2325	4.4	17
2	Fluid-dynamic analysis of an in-line water piston pump. <i>Energy Procedia</i> , 2018 , 148, 178-185	2.3	2
1	Switch off policies in job-shop manufacturing systems including workload evaluation. <i>International Journal of Management Science and Engineering Management</i> , 1-10	2.8	3