

Jun Zheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4829537/publications.pdf>

Version: 2024-02-01

13
papers

208
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness analysis of resources consumption, environmental impact and production efficiency in traditional manufacturing using new technologies: Case from sand casting. <i>Energy Conversion and Management</i> , 2020, 209, 112671.	9.2	41
2	A low carbon process design method of sand casting based on process design parameters. <i>Journal of Cleaner Production</i> , 2018, 197, 1408-1422.	9.3	32
3	Low carbon, high efficiency and sustainable production of traditional manufacturing methods through process design strategy: Improvement process for sand casting defects. <i>Journal of Cleaner Production</i> , 2020, 253, 119917.	9.3	25
4	Tunable luminescence, energy transfer and excellent thermal stability of SrMg ₂ (PO ₄) ₂ :Ce ³⁺ ,Tb ³⁺ phosphors for LEDs. <i>Journal of Rare Earths</i> , 2021, 39, 19-25.	4.8	23
5	A Comprehensive Framework for the Design of Modular Robotic Mobile Fulfillment Systems. <i>IEEE Access</i> , 2020, 8, 13259-13269.	4.2	20
6	Sustainability of unconventional machining industry considering impact factors and reduction methods of energy consumption: A review and analysis. <i>Science of the Total Environment</i> , 2020, 722, 137897.	8.0	18
7	Energy modeling and minimizing energy consumption control strategy of wire electrical discharge machining (WEDM) through electrical parameters. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 4341-4353.	3.0	16
8	Non-pulsed Energy Modeling Based on Energy Consumption Subunits in Wire Electrical Discharge Machining (WEDM) Process. <i>International Journal of Precision Engineering and Manufacturing</i> , 2019, 20, 853-862.	2.2	14
9	Energy and CO ₂ emissions modeling for unconventional machining industry considering processing characteristics. <i>Science of the Total Environment</i> , 2022, 816, 151542.	8.0	6
10	A study of negative-thermal-quenching (Ba/Ca)AlSi ₅ O ₂ N ₇ :Eu ²⁺ phosphors. <i>Dalton Transactions</i> , 2021, 50, 17792-17799.	3.3	5
11	Promoting sustainable level of resources and efficiency from traditional manufacturing industry via quantification of carbon benefit: A model considering product feature design and case. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 43, 100893.	2.7	4
12	An influence modelling and analysis method of reducing carbon emissions for mould forming processes in patternless sand casting. <i>International Journal of Production Research</i> , 2023, 61, 1624-1641.	7.5	4
13	Study on the Organization Model for the Design Process Modular of Complex Mechanical Product. <i>Advanced Materials Research</i> , 0, 538-541, 2990-2994.	0.3	0