

Jun Zheng

List of Publications by Year in descending order

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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	An influence modelling and analysis method of reducing carbon emissions for mould forming processes in patternless sand casting. International Journal of Production Research, 2023, 61, 1624-1641.	7.5	4
2	Energy and CO2 emissions modeling for unconventional machining industry considering processing characteristics. Science of the Total Environment, 2022, 816, 151542.	8.0	6
3	Tunable luminescence, energy transfer and excellent thermal stability of SrMg ₂ (PO ₄) ₂ :Ce ³⁺ ,Tb ³⁺ phosphors for LEDs. Journal of Rare Earths, 2021, 39, 19-25.	4.8	23
4	Promoting sustainable level of resources and efficiency from traditional manufacturing industry via quantification of carbon benefit: A model considering product feature design and case. Sustainable Energy Technologies and Assessments, 2021, 43, 100893.	2.7	4
5	A study of negative-thermal-quenching (Ba/Ca)AlSi ₅ O ₂ N ₇ :Eu ²⁺ phosphors. Dalton Transactions, 2021, 50, 17792-17799.	3.3	5
6	Low carbon, high efficiency and sustainable production of traditional manufacturing methods through process design strategy: Improvement process for sand casting defects. Journal of Cleaner Production, 2020, 253, 119917.	9.3	25
7	Sustainability of unconventional machining industry considering impact factors and reduction methods of energy consumption: A review and analysis. Science of the Total Environment, 2020, 722, 137897.	8.0	18
8	A Comprehensive Framework for the Design of Modular Robotic Mobile Fulfillment Systems. IEEE Access, 2020, 8, 13259-13269.	4.2	20
9	Effectiveness analysis of resources consumption, environmental impact and production efficiency in traditional manufacturing using new technologies: Case from sand casting. Energy Conversion and Management, 2020, 209, 112671.	9.2	41
10	Energy modeling and minimizing energy consumption control strategy of wire electrical discharge machining (WEDM) through electrical parameters. International Journal of Advanced Manufacturing Technology, 2019, 103, 4341-4353.	3.0	16
11	Non-pulsed Energy Modeling Based on Energy Consumption Subunits in Wire Electrical Discharge Machining (WEDM) Process. International Journal of Precision Engineering and Manufacturing, 2019, 20, 853-862.	2.2	14
12	A low carbon process design method of sand casting based on process design parameters. Journal of Cleaner Production, 2018, 197, 1408-1422.	9.3	32
13	Study on the Organization Model for the Design Process Modular of Complex Mechanical Product. Advanced Materials Research, 0, 538-541, 2990-2994.	0.3	0