

Hongming Zhou

List of Publications by Year in descending order

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14
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269
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation and Experimental Study on Pressure Transfer Mechanism in Multitooth Magnetic Fluid Seals. Tribology Transactions, 2021, 64, 31-41.	2.0	19
2	Study on grinding force of Si ₃ N ₄ ceramics in random rotation grinding with truncated polyhedral grains. International Journal of Advanced Manufacturing Technology, 2021, 115, 3139-3148.	3.0	4
3	DFT investigation of gas sensing characteristics of Au-doped vanadium dioxide. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126823.	2.1	7
4	The Influence of the Temperature Rise on the Sealing Performance of the Rotating Magnetic Fluid Seal. IEEE Transactions on Magnetics, 2020, 56, 1-10.	2.1	27
5	Insight into silicon-carbon multilayer films as anode materials for lithium-ion batteries: A combined experimental and first principles study. Acta Materialia, 2019, 178, 173-178.	7.9	29
6	WAILS: Watershed Algorithm With Image-Level Supervision for Weakly Supervised Semantic Segmentation. IEEE Access, 2019, 7, 42745-42756.	4.2	13
7	Self-organizing evaluation model and algorithm for manufacturing cloud services driven by user behavior. International Journal of Advanced Manufacturing Technology, 2018, 95, 1549-1565.	3.0	10
8	A novel milling force model based on the influence of tool geometric parameters in end milling. Advances in Mechanical Engineering, 2018, 10, 168781401879818.	1.6	5
9	Silicon Oxycarbide-Derived Carbon as Potential NO ₂ Gas Sensor: A First Principles Study. IEEE Electron Device Letters, 2018, 39, 1760-1763.	3.9	37
10	Modeling of amorphous SiC _x O _{6/5} by classical molecular dynamics and first principles calculations. Scientific Reports, 2017, 7, 42705.	3.3	7
11	Effect of carbon content on the structure and electronic properties of silicon oxycarbide anodes for lithium-ion batteries: a first-principles study. Journal of Materials Chemistry A, 2015, 3, 5067-5071.	10.3	75
12	Investigation on high temperature fracture properties of amorphous silicon dioxide by large-scale atomistic simulations. Journal of Materials Science: Materials in Electronics, 2013, 24, 1575-1579.	2.2	3
13	Numerical investigation into the nanostructure and mechanical properties of amorphous SiBCN ceramics. RSC Advances, 2013, 3, 14458.	3.6	12
14	Effects of BN content on the structural and mechanical properties of a-SiBN ceramics. International Journal of Materials Research, 2013, 104, 162-167.	0.3	0