

Guofeng Yin

List of Publications by Year in descending order

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14
papers

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1307594

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14
docs citations

14
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76
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical wire explosion as a source of underwater shock waves. Journal Physics D: Applied Physics, 2021, 54, 403001.	2.8	24
2	Multilayer weak shocks generated by restrike during underwater electrical explosion of Cu wires. Applied Physics Letters, 2019, 115, .	3.3	17
3	Performance enhancement of carbon/copper composites based on boron doping. Journal of Alloys and Compounds, 2021, 876, 160213.	5.5	14
4	Numerical investigation of shock wave characteristics at microsecond underwater electrical explosion of Cu wires. Journal Physics D: Applied Physics, 2019, 52, 374002.	2.8	12
5	Electrical Characteristics of Microsecond Electrical Explosion of Cu Wires in Air Under Various Parameters. IEEE Transactions on Plasma Science, 2018, 46, 972-981.	1.3	11
6	Effects of circuit inductance on electrical and shock wave characteristics at underwater wire explosion. Journal Physics D: Applied Physics, 2020, 53, 195502.	2.8	11
7	Highly conductive graphite matrix/copper composites by a pressureless infiltration method. Journal of Applied Physics, 2021, 130, 015102.	2.5	10
8	Excellent interfacial structural integrity of pre-oxidized carbon fiber-reinforced carbon-carbon composites. Composite Interfaces, 2022, 29, 383-396.	2.3	8
9	Influence of the interface temperature on the damage morphology and material transfer of Cu sliding contact under different current amplitudes. Journal of Materials Science, 2022, 57, 5006-5021.	3.7	7
10	The effect of thermal shock temperature difference on the structural, dynamics and mechanical properties of carbon materials characterized by ultrasonic test technology. Journal of Materials Science, 2021, 56, 18522-18533.	3.7	6
11	Improving carbon/carbon composites mechanical and thermal properties by the co-carbonization of pre-oxidized carbon fiber and pitch. Journal of Applied Polymer Science, 2022, 139, 51846.	2.6	3
12	Imaging of Discharge Plasma Channel Evolution Process of Microsecond Wire Explosion in Air. IEEE Transactions on Plasma Science, 2018, 46, 3473-3477.	1.3	1
13	Current distribution at underwater electrical explosion of wires with different diameter connected in parallel. Journal of Applied Physics, 2022, 131, 063301.	2.5	0
14	Thermal shock resistance enhancement by improved interfacial bonding for carbon/aluminium composites. High Voltage, 2022, 7, 960-967.	4.7	0