Wen-xian Wang

List of Publications by Year
in descending order

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		1163117	1474206
9	371	8	9
papers	citations	h-index	g-index

9	9	9	304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effect of annealing on the interface microstructure and mechanical characteristics of AZ31B/AA6061 composite plates fabricated by explosive welding. Materials & Design, 2015, 65, 1100-1109.	5.1	131
2	The design, fabrication and properties of B4C/Al neutron absorbers. Journal of Nuclear Materials, 2013, 437, 350-358.	2.7	115
3	Microstructure evolution and mechanical properties of micro-/nano-bimodal size B 4 C particles reinforced aluminum matrix composites prepared by SPS followed by HER. Vacuum, 2018, 151, 39-50.	3.5	35
4	Microstructure and mechanical properties of B4C/6061Al laminar composites fabricated by power metallurgy. Vacuum, 2017, 143, 363-370.	3.5	30
5	Influence of hot rolling on the interface microstructure and mechanical properties of explosive welded Mg/Al composite plates. Journal of Materials Research, 2017, 32, 863-873.	2.6	15
6	Interfacial microstructure evolution and deformation mechanism in an explosively welded Al/Mg alloy plate. Journal of Materials Science, 2019, 54, 9155-9167.	3.7	14
7	Interfacial Morphology and Bonding Mechanism of Explosive Weld Joints. Chinese Journal of Mechanical Engineering (English Edition), 2021, 34, .	3.7	13
8	Synthesis of nano- to micrometer-sized B4C particle-reinforced aluminum matrix composites via powder metallurgy and subsequent heat treatment. Journal of Central South University, 2021, 28, 2295-2306.	3.0	10
9	Microstructure and Mechanical Properties of B₄C/6061Al Nanocomposites Fabricated by Advanced Powder Metallurgy. Advanced Engineering Materials, 2018, 20, 1701133.	3.5	8