

Jingpei Xie

List of Publications by Year in descending order

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6
papers

146
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	Interface optimization strategy for enhancing the mechanical and thermal properties of aligned graphene/Al composite. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163555.	5.5	16
2	Vacancy-mediated effects for simultaneously enhancing the Cu/graphene/Al interfacial bonding strength and thermal conductance: a first-principles study. <i>Journal of Materials Science</i> , 2021, 56, 5697-5707.	3.7	8
3	Effects of annealing temperature on the interfacial microstructure and bonding strength of Cu/Al clad sheets produced by twin-roll casting and rolling. <i>Journal of Materials Processing Technology</i> , 2020, 285, 116804.	6.3	32
4	First-principles prediction of enhancing graphene/Al interface bonding strength by graphene doping strategy. <i>Applied Surface Science</i> , 2020, 517, 146040.	6.1	31
5	The diffusion behaviors at the Cu-Al solid-liquid interface: A molecular dynamics study. <i>Results in Physics</i> , 2020, 16, 102998.	4.1	51
6	The synergetic tensile deformation behavior of Cu/Al laminated composites prepared by twin-roll casting technology. <i>Materials Research Express</i> , 2019, 6, 016530.	1.6	8