

Ouyang Qiubao

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

471
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of graphite flake size on the properties of aligned graphene nanoplatelets covered graphite flakes/aluminum composites. <i>Diamond and Related Materials</i> , 2021, 116, 108381.	3.9	8
2	Process optimization, microstructure characterization and thermal properties of mesophase pitch-based carbon fiber reinforced aluminum matrix composites fabricated by vacuum hot pressing. <i>Composites Part B: Engineering</i> , 2021, 215, 108746.	12.0	36
3	Multi-task learning and data augmentation for negative thermal expansion materials property prediction. <i>Materials Today Communications</i> , 2021, 27, 102314.	1.9	3
4	Enhanced mechanical behavior and fabrication of graphite flakes covered by aligned graphene nanoplatelets reinforced 2A12 aluminum composites. <i>Vacuum</i> , 2021, 188, 110150.	3.5	8
5	Fabrication, mechanical and thermal properties of copper coated graphite films reinforced copper matrix laminated composites via ultrasonic-assisted electroless plating and vacuum hot-pressing sintering. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 824, 141768.	5.6	23
6	Fabrication, mechanical and thermal behaviors of antiperovskite manganese nitride Mn ₃ 1Zn0.5Sn0.4N reinforced aluminum matrix composites. <i>Composites Part B: Engineering</i> , 2021, 223, 109080.	12.0	11
7	Effect of overlapping region on double-sided friction stir welded joint of 120mm ultra-thick SiCp/Al composite plates. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 782, 139238.	5.6	21
8	Effect of Al ₂ O ₃ coating thickness on microstructural characterization and mechanical properties of continuous carbon fiber reinforced aluminum matrix composites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 793, 139839.	5.6	45
9	Governing the Inclination Angle of Graphite Flakes in the Graphite Flake/Al Composites by Controlling the Al Particle Size via Flake Powder Metallurgy. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 649-658.	2.9	7
10	Enhanced through-plane thermal conductivity and mechanical properties of vertically aligned graphene nanoplatelet@graphite flakes reinforced aluminum composites. <i>Diamond and Related Materials</i> , 2020, 108, 107929.	3.9	15
11	Microstructural Characterization and Mechanical Properties of 120-mm Ultra-thick SiCp/Al Composite Plates Joined by Double-Sided Friction Stir Welding. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 3589-3602.	2.2	13
12	Effects of carbon nanotube content on morphology of SiCp(CNT) hybrid reinforcement and tensile mechanical properties of SiCp(CNT)/Al composites. <i>Journal of Materials Research</i> , 2017, 32, 1239-1247.	2.6	13
13	Fabrication and thermal conductivity of copper coated graphite film/aluminum composites for effective thermal management. <i>Journal of Alloys and Compounds</i> , 2017, 711, 22-30.	5.5	48
14	Fabrication of graphite film/aluminum composites by vacuum hot pressing: Process optimization and thermal conductivity. <i>Composites Part B: Engineering</i> , 2016, 107, 43-50.	12.0	58
15	Enhanced mechanical behavior and fabrication of silicon carbide particles covered by in-situ carbon nanotube reinforced 6061 aluminum matrix composites. <i>Materials and Design</i> , 2016, 107, 130-138.	7.0	66
16	Carbon Materials Reinforced Aluminum Composites: A Review. <i>Acta Metallurgica Sinica (English)</i> Tj ETQq0 0 0 rgBT, Overlock, 10 Tf 50 1	2.9	96