

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	Carbon Materials Reinforced Aluminum Composites: A Review. Acta Metallurgica Sinica (English) Tj ETQq1 1 0.784314 rgBT /Qoverlock 11	2.9	96
2	Enhanced mechanical behavior and fabrication of silicon carbide particles covered by in-situ carbon nanotube reinforced 6061 aluminum matrix composites. Materials and Design, 2016, 107, 130-138.	7.0	66
3	Fabrication of graphite film/aluminum composites by vacuum hot pressing: Process optimization and thermal conductivity. Composites Part B: Engineering, 2016, 107, 43-50.	12.0	58
4	Fabrication and thermal conductivity of copper coated graphite film/aluminum composites for effective thermal management. Journal of Alloys and Compounds, 2017, 711, 22-30.	5.5	48
5	Effect of Al ₂ O ₃ coating thickness on microstructural characterization and mechanical properties of continuous carbon fiber reinforced aluminum matrix composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 793, 139839.	5.6	45
6	Process optimization, microstructure characterization and thermal properties of mesophase pitch-based carbon fiber reinforced aluminum matrix composites fabricated by vacuum hot pressing. Composites Part B: Engineering, 2021, 215, 108746.	12.0	36
7	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. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 824, 141768.	5.6	23
8	Effect of overlapping region on double-sided friction stir welded joint of 120mm ultra-thick SiCp/Al composite plates. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 782, 139238.	5.6	21
9	Enhanced through-plane thermal conductivity and mechanical properties of vertically aligned graphene nanoplatelet@graphite flakes reinforced aluminum composites. Diamond and Related Materials, 2020, 108, 107929.	3.9	15
10	Effects of carbon nanotube content on morphology of SiCp(CNT) hybrid reinforcement and tensile mechanical properties of SiCp(CNT)/Al composites. Journal of Materials Research, 2017, 32, 1239-1247.	2.6	13
11	Microstructural Characterization and Mechanical Properties of 120-mm Ultra-thick SiCp/Al Composite Plates Joined by Double-Sided Friction Stir Welding. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 3589-3602.	2.2	13
12	Fabrication, mechanical and thermal behaviors of antiperovskite manganese nitride Mn ₃ 1Zn0.5Sn0.4N reinforced aluminum matrix composites. Composites Part B: Engineering, 2021, 223, 109080.	12.0	11
13	Effects of graphite flake size on the properties of aligned graphene nanoplatelets covered graphite flakes/aluminum composites. Diamond and Related Materials, 2021, 116, 108381.	3.9	8
14	Enhanced mechanical behavior and fabrication of graphite flakes covered by aligned graphene nanoplatelets reinforced 2A12 aluminum composites. Vacuum, 2021, 188, 110150.	3.5	8
15	Governing the Inclination Angle of Graphite Flakes in the Graphite Flake/Al Composites by Controlling the Al Particle Size via Flake Powder Metallurgy. Acta Metallurgica Sinica (English Letters), 2020, 33, 649-658.	2.9	7
16	Multi-task learning and data augmentation for negative thermal expansion materials property prediction. Materials Today Communications, 2021, 27, 102314.	1.9	3