

Bangxiao Mao

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Novel, hierarchical SiC nanowire-reinforced SiC/carbon foam composites: Lightweight, ultrathin, and highly efficient microwave absorbers. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154609.	5.5	40
2	Preparation and Microwave Absorption Properties of Double-Layer Hollow Reticulated SiC Foam. <i>ACS Applied Electronic Materials</i> , 2019, 1, 2140-2149.	4.3	26
3	Synthesis and microwave absorption properties of multilayer SiC/C foam with alternating distribution of C and SiC. <i>Journal of Alloys and Compounds</i> , 2021, 879, 160440.	5.5	18
4	Synthesis and microwave absorption properties of bamboo-like SiC nanowires. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 1869-1881.	2.1	12
5	Bamboo like SiC Nanowires Grown in a Dual-Temperature Zone Reaction System Enhance the Oxidation and Thermal Shock Resistance of SiC Coatings. <i>Applied Composite Materials</i> , 2021, 28, 1-15.	2.5	6
6	Effect of SiC nanowires on compression and thermal properties of SiC nanowires/lightweight carbon foam composites. <i>Materials Research Express</i> , 2019, 6, 0850g2.	1.6	5
7	Improving the Mechanical Properties of Cf/ PEEK Composite by Implanting Functionalized Multi-Wall Carbon Nanopaper. <i>Applied Composite Materials</i> , 2020, 27, 479-490.	2.5	4
8	Effects of Process Parameters on Deposition Rate of SiC Nanowires by Chemical Vapor Deposition. <i>Journal of Chemical Engineering of Japan</i> , 2020, 53, 273-279.	0.6	1