

Binbin Li

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

302
citations

933264

10
h-index

887953

17
g-index

25
all docs

25
docs citations

25
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved sandwich structured ceramic matrix composites with excellent thermal insulation. Composites Part B: Engineering, 2017, 129, 180-186.	5.9	41
2	Novel, hierarchical SiC nanowire-reinforced SiC/carbon foam composites: Lightweight, ultrathin, and highly efficient microwave absorbers. Journal of Alloys and Compounds, 2020, 829, 154609.	2.8	40
3	Sound insulation of multi-layer glass-fiber felts: Role of morphology. Textile Research Journal, 2017, 87, 261-269.	1.1	28
4	Preparation and Microwave Absorption Properties of Double-Layer Hollow Reticulated SiC Foam. ACS Applied Electronic Materials, 2019, 1, 2140-2149.	2.0	26
5	Microstructure and mechanical properties of C/SiC-Al composites fabricated by PIP and vacuum pressure infiltration processes. Journal of Alloys and Compounds, 2019, 803, 934-941.	2.8	25
6	Mechanical behavior of 2.5D (shallow bend-joint) and 3D orthogonal quartz/silica composites by silicasol-infiltration-sintering. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2012, 532, 230-235.	2.6	19
7	Fabrication and frictional wear property of bamboo-like SiC nanowires reinforced SiC coating. Surface and Coatings Technology, 2020, 389, 125647.	2.2	18
8	A novel SiC nanowire aerogel consisted of ultra long SiC nanowires. Materials Research Express, 2019, 6, 045030.	0.8	14
9	Preparation and thermal insulation analysis of SiCw-SiC foam with hollow skeletons via carbon foam template CVI method. Materials Characterization, 2017, 134, 296-301.	1.9	13
10	Synthesis and microwave absorption properties of bamboo-like SiC nanowires. International Journal of Applied Ceramic Technology, 2020, 17, 1869-1881.	1.1	12
11	Effect of cross-sectional morphology and composite structure of glass fiber felts on their corresponding acoustic properties. Fibers and Polymers, 2016, 17, 97-103.	1.1	10
12	Effect of SiC layer on microwave absorption properties of novel three-dimensional interconnected SiC foam with double-layer hollow skeleton. Materials Research Express, 2020, 7, 015073.	0.8	8
13	Characterization of structure and physical properties of centrifugal glass fiber felts and preparation technology. Journal of Industrial Textiles, 2018, 47, 1121-1133.	1.1	7
14	High-performance Cf/SiC composites with a novel needle-punched carbon fiber fabric fabricated by PIP process. Materials Research Express, 2019, 6, 115622.	0.8	7
15	Bamboo like SiC Nanowires Grown in a Dual-Temperature Zone Reaction System Enhance the Oxidation and Thermal Shock Resistance of SiC Coatings. Applied Composite Materials, 2021, 28, 1-15.	1.3	6
16	Effect of SiC nanowires on compression and thermal properties of SiC nanowires/lightweight carbon foam composites. Materials Research Express, 2019, 6, 0850g2.	0.8	5
17	Dopant position of Co atom in Zn _{1-x} Co _x O nanoparticles studied by extended X-ray absorption fine structure. Journal of Sol-Gel Science and Technology, 2013, 66, 163-167.	1.1	4
18	Improving the Mechanical Properties of Cf/ PEEK Composite by Implanting Functionalized Multi-Wall Carbon Nanopaper. Applied Composite Materials, 2020, 27, 479-490.	1.3	4

#	ARTICLE	IF	CITATIONS
19	A novel superhydrophobic coating consisting of SiC nanowires. <i>Materials Research Express</i> , 2019, 6, 105094.	0.8	3
20	Synthesis of bamboo-like SiC nanowires with controllable densities of bamboo nodes. <i>Materials Research Express</i> , 2019, 6, 125084.	0.8	3
21	Fracture mechanism of 3D, five-directional braided (SiO ₂) f /SiO ₂ composites prepared by silicasol-infiltration-sintering method. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 355-357.	0.4	2
22	Synthesis and characterization of highly preferred orientation polycrystalline Co-doped ZnO thin films prepared by improved sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 70, 19-23.	1.1	2
23	Fabrication and characterization of a novel high-temperature vacuum insulation composites with SiC nanowire core material. <i>Materials Research Express</i> , 2019, 6, 095622.	0.8	2
24	Effect of fiber heat treatment on microstructure and mechanical properties of 2.5D T700 carbon fiber reinforced SiC composites. <i>Materials Research Express</i> , 2019, 6, 015611.	0.8	2
25	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.	0.3	1