

Fiber/matrix interfacial thermal conductance effect on SiC/SiC composites

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Current status and recent research achievements in SiC/SiC composites. Journal of Nuclear Materials, 2014, 455, 387-397.	1.3	266
2	Prediction of thermal conductivity for irradiated SiC/SiC composites by informing continuum models with molecular dynamics data. Journal of Nuclear Materials, 2014, 448, 364-372.	1.3	8
3	Increasing the thermal conductivity of 2D SiC/SiC composites by heat-treatment. Fusion Engineering and Design, 2015, 90, 110-118.	1.0	19
4	Thermal conductivity analysis of SiC ceramics and fully ceramic microencapsulated fuel composites. Nuclear Engineering and Design, 2017, 311, 9-15.	0.8	34
5	Surface damage on polycrystalline $\hat{1}^2$ -SiC by xenon ion irradiation at high fluence. Journal of Nuclear Materials, 2018, 503, 140-150.	1.3	13
6	An analytical method for predicting the effective transverse thermal conductivity of nano coated fiber composites. Composite Structures, 2018, 189, 553-559.	3.1	23
7	Thermal conductivities of plain woven C/SiC composite: Micromechanical model considering PyC interphase thermal conductance and manufacture-induced voids. Composite Structures, 2018, 193, 212-223.	3.1	41
8	Simulation-based verification of homogenization approach in predicting effective thermal conductivities of wavy orthotropic fiber composite. International Journal of Computational Materials Science and Engineering, 2019, 08, 1950015.	0.5	0
9	Tailoring fibre lengths to fabricate a highly permeable SiC fibre porous medium for more efficient combustion. Composites Part B: Engineering, 2019, 169, 29-36.	5.9	4
10	Improved thermal conductivity of silicon carbide fibers-reinforced silicon carbide matrix composites by chemical vapor infiltration method. Ceramics International, 2019, 45, 2207-2212.	2.3	18
11	High spatial resolution thermal conductivity mapping of SiC/SiC composites. Journal of Nuclear Materials, 2020, 542, 152519.	1.3	14
13	A comparative study for the thermal conductivities of C/SiC composites with different preform architectures fabricating by flexible oriented woven process. International Journal of Heat and Mass Transfer, 2021, 170, 120973.	2.5	12