## Flexible graphite as a compliant thermoelectric materia

Carbon 40, 1134-1136 DOI: 10.1016/s0008-6223(01)00260-3

Citation Report

#	Article	IF	CITATIONS
1	Synthesis and properties of plasma-deposited carbon condensates. Technical Physics Letters, 2003, 29, 933-935.	0.2	1
2	Electrical applications of carbon materials. Journal of Materials Science, 2004, 39, 2645-2661.	1.7	276
3	Enhancing Performance of Thermoelectric Coolers Through the Application of Distributed Control. IEEE Transactions on Components and Packaging Technologies, 2007, 30, 330-336.	1.4	7
4	Mechanical, electrical, thermal performances and structure characteristics of flexible graphite sheets. Journal of Materials Science, 2010, 45, 2449-2455.	1.7	55
5	Improvement in transdermal drug delivery performance by graphite oxide/temperature-responsive hydrogel composites with micro heater. Materials Science and Engineering C, 2012, 32, 1564-1570.	3.8	20
6	Joining highly conductive and oxidation resistant silver-based electrode materials to silicon for high temperature thermoelectric energy conversions. Materials Chemistry and Physics, 2013, 138, 342-349.	2.0	8
7	A self-supporting graphene/MnO2 composite for high-performance supercapacitors. International Journal of Hydrogen Energy, 2015, 40, 10176-10184.	3.8	53
8	Development of a 1kW Exhaust Waste Heat Thermoelectric Generator. SAE International Journal of Commercial Vehicles, 0, 9, 21-30.	0.4	5
9	Thermopower and hall effect in silicon nitride composites containing thermally reduced graphene and pure graphene nanosheets. Ceramics International, 2016, 42, 11341-11347.	2.3	6
10	Adjusting the thermoelectric properties of copper( <scp>i</scp> ) oxide–graphite–polymer pastes and the applications of such flexible composites. Physical Chemistry Chemical Physics, 2016, 18, 10700-10707.	1.3	33
11	Electret, piezoelectret, dielectricity and piezoresistivity discovered in exfoliated-graphite-based flexible graphite, with applications in mechanical sensing and electric powering. Carbon, 2019, 150, 531-548.	5.4	28
12	A review on thermophysical properties of flexible graphite. Procedia Structural Integrity, 2020, 26, 187-198.	0.3	11
13	Effect of graphene concentration on tribological properties of graphene aerogel/TiO2 composite through controllable cellular-structure. Materials and Design, 2020, 188, 108468.	3.3	16
14	Thermopower determination using pyrolytic graphite and aluminum thermocouple. Sensors and Actuators A: Physical, 2020, 303, 111814.	2.0	3
15	Environment-friendly preparation of exfoliated graphite and functional graphite sheets. Journal of Materiomics, 2021, 7, 136-145.	2.8	25
16	Performance Characteristics of Custom Thermocouples for Specialized Applications. Crystals, 2021, 11, 377.	1.0	4
17	Modelling and Analysis of Thermoelectric Generation of Materials Using Matlab/Simulink. International Journal of Energy and Power Engineering, 2016, 5, 97.	0.3	8
18	Distributed Control to Improve Performance of Thermoelectric Coolers. , 2004, , .		2

# ARTICLE

IF CITATIONS