

Metal-Level Thermally Conductive yet Soft Graphene T

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Highly Thermal Conductivities, Excellent Mechanical Robustness and Flexibility, and Outstanding Thermal Stabilities of Aramid Nanofiber Composite Papers with Nacre-Mimetic Layered Structures. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1677-1686.	4.0	260
2	First-principles Modeling of Thermal Transport in Materials: Achievements, Opportunities, and Challenges. <i>International Journal of Thermophysics</i> , 2020, 41, 1.	1.0	30
3	Recent advances in polymer-based thermal interface materials for thermal management: A mini-review. <i>Composites Communications</i> , 2020, 22, 100528.	3.3	91
4	High thermal conductivity and strong interface bonding of a hot-forged Cu/Ti-coated-diamond composite. <i>Carbon</i> , 2020, 168, 553-563.	5.4	50
5	Enhancing through-plane thermal conductivity of fluoropolymer composite by developing in situ nano-urethane linkage at graphene-graphene interface. <i>Nano Research</i> , 2020, 13, 2741-2748.	5.8	18
6	2D graphene oxide liquid crystal for real-world applications: Energy, environment, and antimicrobial. <i>APL Materials</i> , 2020, 8, .	2.2	24
7	Vertically Aligned Graphene for Thermal Interface Materials. <i>Small Structures</i> , 2020, 1, 2000034.	6.9	28
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12	Highly Compressible, Thermally Conductive, yet Electrically Insulating Fluorinated Graphene Aerogel. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 58170-58178.	4.0	30
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14	Lightweight and robust rGO/sugarcane derived hybrid carbon foams with outstanding EMI shielding performance. <i>Journal of Materials Science and Technology</i> , 2020, 52, 119-126.	5.6	286
15	Remarkable Effects of an Electrodeposited Copper Skin on the Strength and the Electrical and Thermal Conductivities of Reduced Graphene Oxide-Printed Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24209-24217.	4.0	7
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18	Highly Flexible Graphene Derivative Hybrid Film: An Outstanding Nonflammable Thermally Conductive yet Electrically Insulating Material for Efficient Thermal Management. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26413-26423.	4.0	38

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20	Electric-Field-Assisted Growth of Vertical Graphene Arrays and the Application in Thermal Interface Materials. <i>Advanced Functional Materials</i> , 2020, 30, 2003302.	7.8	95
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