

Yuan Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A study of preparation and properties of epoxy resin/carbon fiber/phenolic residual carbon composites with adjustable negative permittivity behavior. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 675-682.	2.1	3
2	Achieving highly thermal conductivity of polymer composites by adding hybrid silver-carbon fiber fillers. Composites Communications, 2022, 31, 101129.	6.3	23
3	Recent developments on epoxy-based syntactic foams for deep sea exploration. Journal of Materials Science, 2021, 56, 2037-2076.	3.7	29
4	Epoxy composites with high cross-plane thermal conductivity by constructing all-carbon multidimensional carbon fiber/graphite networks. Composites Science and Technology, 2021, 203, 108610.	7.8	60
5	Preparation, Properties and Mechanisms of Carbon Fiber/Polymer Composites for Thermal Management Applications. Polymers, 2021, 13, 169.	4.5	31
6	Carbon Fiber Reinforced Multi-Phase Epoxy Syntactic Foam (CFR-Epoxy-Hardener/HGMS/Aerogel-R-Hollow Epoxy Macrosphere(AR-HEMS)). Polymers, 2021, 13, 683.	4.5	4
7	3D Thermal Network Supported by CF Felt for Improving the Thermal Performance of CF/C/Epoxy Composites. Polymers, 2021, 13, 980.	4.5	13
8	Epoxy Composites with High Thermal Conductivity by Constructing Three-Dimensional Carbon Fiber/Carbon/Nickel Networks Using an Electroplating Method. ACS Omega, 2021, 6, 19238-19251.	3.5	27
9	Epoxy composite with high thermal conductivity by constructing 3D-oriented carbon fiber and BN network structure. RSC Advances, 2021, 11, 25422-25430.	3.6	9
10	Polyethylene Glycol-Calcium Chloride Phase Change Materials with High Thermal Conductivity and Excellent Shape Stability by Introducing Three-Dimensional Carbon/Carbon Fiber Felt. ACS Omega, 2021, 6, 33033-33045.	3.5	7
11	Flexible and transparent polymer/cellulose nanocrystal nanocomposites with high thermal conductivity for thermal management application. Journal of Applied Polymer Science, 2020, 137, 48864.	2.6	13
12	Development and Mechanical Characterization of HGMS-EHS-Reinforced Hollow Glass Bead Composites. ACS Omega, 2020, 5, 6725-6737.	3.5	10
13	Preparation and Mechanical Properties of Carbon Fiber Reinforced Multiphase Epoxy Syntactic Foam (CF-R-Epoxy/HGMS/CFR-HEMS Foam). ACS Omega, 2020, 5, 14133-14146.	3.5	9
14	Preparation and Properties Characterization of Interpenetrating Polymer Networks/Organically Modified Montmorillonite/Scrap Leather Fibers Composites. Fibers and Polymers, 2019, 20, 1958-1968.	2.1	3
15	High thermal conductivity and low leakage phase change materials filled with three-dimensional carbon fiber network. Fullerenes Nanotubes and Carbon Nanostructures, 0, , 1-10.	2.1	3