

# Fei Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1982734/publications.pdf>

Version: 2024-02-01

17  
papers

1,117  
citations

567281

15  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of highly-oriented graphite monoliths with high thermal conductivity. <i>Chemical Engineering Journal</i> , 2022, 431, 134102.	12.7	27
2	Micro-diamond assisted bidirectional tuning of thermal conductivity in multifunctional graphene nanoplatelets/nanofibrillated cellulose films. <i>Carbon</i> , 2022, 189, 265-275.	10.3	35
3	Soft Organic Thermoelectric Materials: Principles, Current State of the Art and Applications. <i>Small</i> , 2022, 18, e2104922.	10.0	32
4	Lithium Bonds Enable Small Biomass Molecule-Based Ionogel Elastomers with Multiple Functions for Soft Intelligent Electronics. <i>Small</i> , 2022, 18, e2200421.	10.0	18
5	Anisotropic conductive networks for multidimensional sensing. <i>Materials Horizons</i> , 2021, 8, 2615-2653.	12.2	30
6	3D Interconnected Conductive Graphite Nanoplatelet Welded Carbon Nanotube Networks for Stretchable Conductors. <i>Advanced Functional Materials</i> , 2021, 31, 2107082.	14.9	41
7	Three-dimensional interconnected networks for thermally conductive polymer composites: Design, preparation, properties, and mechanisms. <i>Materials Science and Engineering Reports</i> , 2020, 142, 100580.	31.8	261
8	Highly Transparent, Self-Healable, and Adhesive Organogels for Bio-Inspired Intelligent Ionic Skins. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 15657-15666.	8.0	95
9	Two-dimensional gersiloxenes with tunable bandgap for photocatalytic H <sub>2</sub> evolution and CO <sub>2</sub> photoreduction to CO. <i>Nature Communications</i> , 2020, 11, 1443.	12.8	84
10	Few-layer methyl-terminated germanene-graphene nanocomposite with high capacity for stable lithium storage. <i>Carbon</i> , 2020, 161, 287-298.	10.3	36
11	Thermal-assisted self-assembly: a self-adaptive strategy towards large-area uniaxial organic single-crystalline microribbon arrays. <i>Nanoscale</i> , 2019, 11, 12781-12787.	5.6	15
12	Composite Networks: Stress Controllability in Thermal and Electrical Conductivity of 3D Elastic Graphene-Crosslinked Carbon Nanotube Sponge/Polyimide Nanocomposite ( <i>Adv. Funct. Mater.</i> 25(2019)). <i>Advanced Functional Materials</i> , 2019, 29, 1970173.	14.9	5
13	High cross-plane thermally conductive hierarchical composite using graphene-coated vertically aligned carbon nanotubes/graphite. <i>Carbon</i> , 2019, 149, 281-289.	10.3	79
14	Stress Controllability in Thermal and Electrical Conductivity of 3D Elastic Graphene-Crosslinked Carbon Nanotube Sponge/Polyimide Nanocomposite. <i>Advanced Functional Materials</i> , 2019, 29, 1901383.	14.9	187
15	Stress-sensitive thermally conductive elastic nanocomposite based on interconnected graphite-welded carbon nanotube sponges. <i>Carbon</i> , 2019, 145, 378-388.	10.3	60
16	Thermal conductive and flexible silastic composite based on a hierarchical framework of aligned carbon fibers-carbon nanotubes. <i>Carbon</i> , 2018, 131, 149-159.	10.3	81
17	Asymmetric self-supporting hybrid fluorinated carbon nanotubes/carbon nanotubes sponge electrode for high-performance lithium-polysulfide battery. <i>Chemical Engineering Journal</i> , 2018, 349, 756-765.	12.7	31