

Sensne Han

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

722
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and electrical properties of graphene and carbon nanotube reinforced epoxy adhesives: Experimental and numerical analysis. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 120, 116-126.	7.6	135
2	Mechanical, toughness and thermal properties of 2D material- reinforced epoxy composites. <i>Polymer</i> , 2019, 184, 121884.	3.8	77
3	Thermally and electrically conductive multifunctional sensor based on epoxy/graphene composite. <i>Nanotechnology</i> , 2020, 31, 075702.	2.6	64
4	Synergistic effect of graphene and carbon nanotube on lap shear strength and electrical conductivity of epoxy adhesives. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48056.	2.6	56
5	A facile approach to fabricate highly sensitive, flexible strain sensor based on elastomeric/graphene platelet composite film. <i>Journal of Materials Science</i> , 2019, 54, 10856-10870.	3.7	50
6	Epoxy/graphene film for lifecycle self-sensing and multifunctional applications. <i>Composites Science and Technology</i> , 2020, 198, 108312.	7.8	49
7	Mechanically robust, electrically and thermally conductive graphene-based epoxy adhesives. <i>Journal of Adhesion Science and Technology</i> , 2019, 33, 1337-1356.	2.6	45
8	Mechanically robust, highly sensitive and superior cycling performance nanocomposite strain sensors using 3-nm thick graphene platelets. <i>Polymer Testing</i> , 2021, 98, 107178.	4.8	37
9	A comparative study of two graphene based elastomeric composite sensors. <i>Polymer Testing</i> , 2019, 80, 106106.	4.8	30
10	Flexible strain sensors based on epoxy/graphene composite film with long molecular weight curing agents. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47906.	2.6	30
11	Multifunctional, durable and highly conductive graphene/sponge nanocomposites. <i>Nanotechnology</i> , 2020, 31, 465502.	2.6	22
12	Non-oxidized graphene/elastomer composite films for wearable strain and pressure sensors with ultra-high flexibility and sensitivity. <i>Polymers for Advanced Technologies</i> , 2020, 31, 214-225.	3.2	20
13	Noncovalent Modification of Boron Nitride Nanosheets for Thermally Conductive, Mechanically Resilient Epoxy Nanocomposites. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20701-20710.	3.7	20
14	Flexible, mechanically robust, multifunctional and sustainable cellulose/graphene nanocomposite films for wearable human-motion monitoring. <i>Composites Science and Technology</i> , 2022, 230, 109451.	7.8	20
15	A highly flexible, electrically conductive, and mechanically robust graphene/epoxy composite film for its self-damage detection. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48991.	2.6	16
16	Development of high thermally conductive and electrically insulated epoxy nanocomposites with high mechanical performance. <i>Polymer Composites</i> , 2021, 42, 4217-4226.	4.6	12
17	Mechanically strong, stiff, and yet ductile AlSi7Mg/graphene composites by laser metal deposition additive manufacturing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 823, 141749.	5.6	11
18	Non-oxidized graphene/metal composites by laser deposition additive manufacturing. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160724.	5.5	11

#	ARTICLE	IF	CITATIONS
19	Thermal conductivity and mechanical performance of hexagonal boron nitride nanosheets-based epoxy adhesives. <i>Nanotechnology</i> , 2021, 32, 355707.	2.6	10
20	Preparation of antimonene nanosheets and their thermoelectric nanocomposites. <i>Composites Communications</i> , 2021, 28, 100968.	6.3	7