

Dong Feng

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Fabrication and Properties of Thermoplastic Polyurethane/Silver Parts via Fused Deposition Modeling for Electromagnetic Interference Shielding and Wearable Sensors. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	11
2	Highly-conductive Ti ₃ C ₂ sheets in boosting sodium-ion storage performances of Sn ₂ S ₃ anode. <i>Ceramics International</i> , 2022, 48, 11074-11084.	2.3	3
3	Role of Phase Compatibility in Gas Barrier Improvement of Biodegradable Polymer Blends for Food Packaging Application. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 5464-5474.	1.8	7
4	Microwave-assisted rapid fabrication of robust polyetherimide bead foam parts. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49960.	1.3	7
5	Nano-GeTe Embedded in a Three-Dimensional Carbon Sponge for Flexible Li-Ion and Na-Ion Battery Anodes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15178-15189.	4.0	11
6	Microwave-Assisted Confining Flame-Retardant Polypropylene in Carbon Nanotube Conductive Networks for Improved Electromagnetic Interference Shielding and Flame Retardation. <i>Advanced Engineering Materials</i> , 2021, 23, 2100024.	1.6	8
7	Nano Sn ₂ S ₃ Embedded in Nitrogenous Carbon Compounds for Long-Life and High-Rate Cycling Sodium-Ion Batteries. <i>ChemSusChem</i> , 2021, 14, 2383-2392.	3.6	11
8	Confining Nano-GeS ₂ in Cross-Linked Porous Carbon Networks for High-Performance and Flexible Li-Ion Battery Anodes. <i>ACS Applied Energy Materials</i> , 2021, 4, 6096-6105.	2.5	9
9	Confining Nano-GeP in Nitrogenous Hollow Carbon Fibers toward Flexible and High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 32978-32988.	4.0	10
10	Study on the Electrochemical Features of Carbon-Coated GeS ₂ and GeSe ₂ Anodes toward Application in Sodium-Ion Battery. <i>Energy & Fuels</i> , 2021, 35, 13499-13505.	2.5	6
11	Nano Sn ₄ P ₃ embedded in nitrogenous carbon matrix as the anode of sodium ion battery for enhanced cyclability. <i>Journal of Alloys and Compounds</i> , 2021, 874, 159944.	2.8	10
12	Boosting cyclability performance of GeP anode via in-situ generation of free expansion volume. <i>Journal of Alloys and Compounds</i> , 2021, 883, 160857.	2.8	5
13	Confining nano FeSb ₂ S ₄ in carbon nanotube/oxide graphene 3D porous networks for high-capacity sodium ion battery anode. <i>Journal of Alloys and Compounds</i> , 2021, 884, 161116.	2.8	10
14	Conductive carbon networks in surface coating of GeP rods toward high-performance lithium/sodium-ion battery anode. <i>Surfaces and Interfaces</i> , 2021, 27, 101461.	1.5	5
15	Boosting solubility performance of supercritical CO ₂ via ethanol toward fabrication of polyetherimide/carbon fiber composite foam with three-dimensional geometry shape. <i>Journal of Applied Polymer Science</i> , 2021, 138, .	1.3	2
16	Synthesis of dibutyl-trimethylsilanylmethyl-amine and its application towards SO ₂ absorption with phase change behaviors. <i>New Journal of Chemistry</i> , 2020, 44, 21228-21237.	1.4	10
17	Efficient SO ₂ Capture by 2-(Diethylamino)ethanol/Hexadecane Phase Separation Absorbent. <i>Energy & Fuels</i> , 2020, 34, 15039-15047.	2.5	9
18	Carbon nanotubes in microwave-assisted foaming and sinter molding of high performance polyetherimide bead foam products. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 262, 114727.	1.7	14

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19	Selective Microwave Sintering to Prepare Multifunctional Poly(ether imide) Bead Foams Based on Segregated Carbon Nanotube Conductive Network. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 5838-5847.	1.8	30
20	Facile Fabrication of Multifunctional Poly(ethylene-co-octene)/Carbon Nanotube Foams Based on Tunable Conductive Network. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 1934-1943.	1.8	33
21	Microwave assisted sinter molding of polyetherimide/carbon nanotubes composites with segregated structure for high-performance EMI shielding applications. <i>Composites Science and Technology</i> , 2019, 182, 107753.	3.8	65
22	Facile Fabrication of Multifunctional Polymer Composites Based on Three-Dimensional Interconnected Networks of Graphene and Carbon Nanotubes. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21531-21541.	1.8	22
23	Hydrogen bond complexation to prepare guanidine phosphate flame retardant poly(vinyl alcohol) membrane with high transparency. <i>Composites Part B: Engineering</i> , 2019, 176, 107265.	5.9	20
24	Fabrication of three-dimensional polyetherimide bead foams <i>via</i> supercritical CO ₂ /ethanol co-foaming technology. <i>RSC Advances</i> , 2019, 9, 4072-4081.	1.7	37
25	Exploiting the piezoresistivity and EMI shielding of polyetherimide/carbon nanotube foams by tailoring their porous morphology and segregated CNT networks. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 124, 105463.	3.8	92
26	Highly stretchable electromagnetic interference (EMI) shielding segregated polyurethane/carbon nanotube composites fabricated by microwave selective sintering. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7938-7946.	2.7	128
27	Fabrication and cell morphology of a microcellular poly(ether imide)-carbon nanotube composite foam with a three-dimensional shape. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47501.	1.3	10
28	Facile preparation of poly(vinyl alcohol)/graphene oxide nanocomposites and their foaming behavior in supercritical carbon dioxide. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 107, 675-684.	3.8	23
29	High-performance thermal and electrical conductive composites from multilayer plastic packaging waste and expanded graphite. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11209-11218.	2.7	62
30	Liquid-Solid Phase Change Behavior of Diethylenetriamine in Nonaqueous Systems for Carbon Dioxide Absorption. <i>Energy Technology</i> , 2017, 5, 461-468.	1.8	33