

# Dong Feng

## List of Publications by Year in descending order

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30  
papers

703  
citations

758635

12  
h-index

552369

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

668  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Fabrication of three-dimensional polyetherimide bead foams via supercritical CO <sub>2</sub> /ethanol co-foaming technology. <i>RSC Advances</i> , 2019, 9, 4072-4081.	1.7	37
6	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
7	Facile Fabrication of Multifunctional Poly(ethylene-co-octene)/Carbon Nanotube Foams Based on Tunable Conductive Network. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 1934-1943.	1.8	33
8	Selective Microwave Sintering to Prepare Multifunctional Poly(ether imide) Bead Foams Based on Segregated Carbon Nanotube Conductive Network. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 5838-5847.	1.8	30
9	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
10	Facile Fabrication of Multifunctional Polymer Composites Based on Three-Dimensional Interconnected Networks of Graphene and Carbon Nanotubes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 21531-21541.	1.8	22
11	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
12	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
13	Nano-GeTe Embedded in a Three-Dimensional Carbon Sponge for Flexible Li-Ion and Na-Ion Battery Anodes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 15178-15189.	4.0	11
14	Nano Sn <sub>2</sub> S <sub>3</sub> 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
15	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
16	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
17	Synthesis of dibutyl-trimethylsilylmethyl-amine and its application towards SO <sub>2</sub> absorption with phase change behaviors. <i>New Journal of Chemistry</i> , 2020, 44, 21228-21237.	1.4	10
18	Confining Nano-GeP in Nitrogenous Hollow Carbon Fibers toward Flexible and High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 32978-32988.	4.0	10

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19	Nano Sn <sub>4</sub> P <sub>3</sub> embedded in nitrogenous carbon matrix as the anode of sodium ion battery for enhanced cyclability. Journal of Alloys and Compounds, 2021, 874, 159944.	2.8	10
20	Confining nano FeSb <sub>2</sub> S <sub>4</sub> in carbon nanotube/oxide graphene 3D porous networks for high-capacity sodium ion battery anode. Journal of Alloys and Compounds, 2021, 884, 161116.	2.8	10
21	Efficient SO <sub>2</sub> Capture by 2-(Diethylamino)ethanol/Hexadecane Phase Separation Absorbent. Energy & Fuels, 2020, 34, 15039-15047.	2.5	9
22	Confining Nano-GeS <sub>2</sub> in Cross-Linked Porous Carbon Networks for High-Performance and Flexible Li-Ion Battery Anodes. ACS Applied Energy Materials, 2021, 4, 6096-6105.	2.5	9
23	Microwave-Assisted Confining Flame-Retardant Polypropylene in Carbon Nanotube Conductive Networks for Improved Electromagnetic Interference Shielding and Flame Retardation. Advanced Engineering Materials, 2021, 23, 2100024.	1.6	8
24	Microwave-Assisted rapid fabrication of robust polyetherimide bead foam parts. Journal of Applied Polymer Science, 2021, 138, 49960.	1.3	7
25	Role of Phase Compatibility in Gas Barrier Improvement of Biodegradable Polymer Blends for Food Packaging Application. Industrial & Engineering Chemistry Research, 2022, 61, 5464-5474.	1.8	7
26	Study on the Electrochemical Features of Carbon-Coated GeS <sub>2</sub> and GeSe <sub>2</sub> Anodes toward Application in Sodium-Ion Battery. Energy & Fuels, 2021, 35, 13499-13505.	2.5	6
27	Boosting cyclability performance of GeP anode via in-situ generation of free expansion volume. Journal of Alloys and Compounds, 2021, 883, 160857.	2.8	5
28	Conductive carbon networks in surface coating of GeP rods toward high-performance lithium/sodium-ion battery anode. Surfaces and Interfaces, 2021, 27, 101461.	1.5	5
29	Highly-conductive Ti <sub>3</sub> C <sub>2</sub> sheets in boosting sodium-ion storage performances of Sn <sub>2</sub> S <sub>3</sub> anode. Ceramics International, 2022, 48, 11074-11084.	2.3	3
30	Boosting solubility performance of supercritical CO <sub>2</sub> via ethanol toward fabrication of polyetherimide/carbon fiber composite foam with three-dimensional geometry shape. Journal of Applied Polymer Science, 2021, 138, .	1.3	2