

Qiang Song

List of Publications by Year in descending order

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23
papers

2,324
citations

471509

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Carbon Nanotubeâ€“Multilayered Graphene Edge Plane Coreâ€“Shell Hybrid Foams for Ultrahighâ€“Performance Electromagneticâ€“Interference Shielding. <i>Advanced Materials</i> , 2017, 29, 1701583.	21.0	560
2	Direct Growth of Edgeâ€“Rich Graphene with Tunable Dielectric Properties in Porous Si₃N₄ Ceramic for Broadband Highâ€“Performance Microwave Absorption. <i>Advanced Functional Materials</i> , 2018, 28, 1707205.	14.9	425
3	Graphene and MXene Nanomaterials: Toward Highâ€“Performance Electromagnetic Wave Absorption in Gigahertz Band Range. <i>Advanced Functional Materials</i> , 2020, 30, 2000475.	14.9	356
4	Suppressing Dendritic Lithium Formation Using Porous Media in Lithium Metal-Based Batteries. <i>Nano Letters</i> , 2018, 18, 2067-2073.	9.1	154
5	Toward Dendrite-Free Lithium Deposition via Structural and Interfacial Synergistic Effects of 3D Graphene@Ni Scaffold. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26091-26097.	8.0	152
6	Vertically Grown Edgeâ€“Rich Graphene Nanosheets for Spatial Control of Li Nucleation. <i>Advanced Energy Materials</i> , 2018, 8, 1800564.	19.5	145
7	Self-Templating Synthesis of Cobalt Hexacyanoferrate Hollow Structures with Superior Performance for Na-Ion Hybrid Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29496-29504.	8.0	87
8	Lightweight and flexible 3D graphene microtubes membrane for high-efficiency electromagnetic-interference shielding. <i>Chemical Engineering Journal</i> , 2020, 387, 124025.	12.7	76
9	Defectâ€“Engineered Graphene/Si₃N₄ Multilayer Alternating Coreâ€“Shell Nanowire Membrane: A Plainified Hybrid for Broadband Electromagnetic Wave Absorption. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	66
10	Unique Seamlessly Bonded CNT@Graphene Hybrid Nanostructure Introduced in an Interlayer for Efficient and Stable Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2018, 28, 1800475.	14.9	44
11	High-Performance Multifunctional Carbonâ€“Silicon Carbide Composites with Strengthened Reduced Graphene Oxide. <i>ACS Nano</i> , 2021, 15, 2880-2892.	14.6	44
12	Development of light cellular carbon nanotube@graphene/carbon nanocomposites with effective mechanical and EMI shielding performance. <i>Carbon</i> , 2020, 168, 719-731.	10.3	43
13	Multifunctional electromagnetic interference shielding 3D reduced graphene oxide/vertical edge-rich graphene/epoxy nanocomposites with remarkable thermal management performance. <i>Composites Science and Technology</i> , 2022, 222, 109407.	7.8	41
14	All Si₃N₄ Nanowires Membrane Based Highâ€“Performance Flexible Solidâ€“State Asymmetric Supercapacitor. <i>Small</i> , 2021, 17, e2008056.	10.0	33
15	<i>In situ</i> growth of B4C nanowires on activated carbon felt to improve microwave absorption performance. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	22
16	The reinforcement and toughening of pyrocarbon-based carbon/carbon composite by controlling carbon nanotube growth position in carbon felt. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 564, 71-75.	5.6	21
17	A Novel Multiscale Reinforcement by In-Situ Growing Carbon Nanotubes on Graphene Oxide Grafted Carbon Fibers and Its Reinforced Carbon/Carbon Composites with Improved Tensile Properties. <i>Journal of Materials Science and Technology</i> , 2016, 32, 419-424.	10.7	21
18	In Situ Growth of Graphene on Carbon Fabrics with Enhanced Mechanical and Thermal Properties for Tribological Applications of Carbon Fabricâ€“Phenolic Composites. <i>Tribology Transactions</i> , 2019, 62, 850-858.	2.0	11

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19	Improving thermal shock and ablation resistance of high thermal conductivity carbon/carbon composites by introducing carbon nanotubes. <i>Carbon Letters</i> , 2020, 30, 721-733.	5.9	10
20	Cup-stacked carbon nanotubes hybridized Si ₃ N ₄ /Si ₃ N ₄ composite ceramics for high-efficiency microwave absorption with excellent thermal stability. <i>Ceramics International</i> , 2021, 47, 15210-15218.	4.8	9
21	Perovskite Solar Cells: Unique Seamlessly Bonded CNT@Graphene Hybrid Nanostructure Introduced in an Interlayer for Efficient and Stable Perovskite Solar Cells (<i>Adv. Funct. Mater.</i> 32/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870225.	14.9	2
22	Simulation of Tensile Behaviors of Bamboo-like Carbon Nanotubes Based on Molecular Structural Mechanics Approach Combining with Finite Element Analysis. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2019, 34, 11-16.	1.0	1
23	Effect of methane and acetaldehyde precursor on the microstructures of pyrocarbon films grown on quartz substrates. <i>Journal of Materials Science</i> , 2021, 56, 13056-13065.	3.7	1