

Tengfei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,691
citations

623574

14
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839398

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docs citations

18
times ranked

4917
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-performance supercapacitor-battery hybrid energy storage device based on graphene-enhanced electrode materials with ultrahigh energy density. <i>Energy and Environmental Science</i> , 2013, 6, 1623.	15.6	875
2	Three-dimensionally bonded spongy graphene material with super compressive elasticity and near-zero Poisson's ratio. <i>Nature Communications</i> , 2015, 6, 6141.	5.8	458
3	A High-Performance Graphene Oxide-Doped Ion Gel as Gel Polymer Electrolyte for All-Solid-State Supercapacitor Applications. <i>Advanced Functional Materials</i> , 2013, 23, 3353-3360.	7.8	356
4	Ultra-Broadband Wide-Angle Terahertz Absorption Properties of 3D Graphene Foam. <i>Advanced Functional Materials</i> , 2018, 28, 1704363.	7.8	223
5	Graphene-based Li-ion hybrid supercapacitors with ultrahigh performance. <i>Nano Research</i> , 2013, 6, 581-592.	5.8	204
6	Macroscopic and direct light propulsion of bulk graphene material. <i>Nature Photonics</i> , 2015, 9, 471-476.	15.6	192
7	Super-elasticity of three-dimensionally cross-linked graphene materials all the way to deep cryogenic temperatures. <i>Science Advances</i> , 2019, 5, eaav2589.	4.7	84
8	Highly Reversible and Recyclable Absorption under Both Hydrophobic and Hydrophilic Conditions using a Reduced Bulk Graphene Oxide Material. <i>Advanced Materials</i> , 2016, 28, 3504-3509.	11.1	63
9	Monolithic 3D Cross-Linked Polymeric Graphene Materials and the Likes: Preparation and Their Redox Catalytic Applications. <i>Journal of the American Chemical Society</i> , 2018, 140, 11538-11550.	6.6	50
10	High activity of hot electrons from bulk 3D graphene materials for efficient photocatalytic hydrogen production. <i>Nano Research</i> , 2017, 10, 1662-1672.	5.8	49
11	High-Efficiency and Low Distortion Photoacoustic Effect in 3D Graphene Sponge. <i>Advanced Functional Materials</i> , 2018, 28, 1702652.	7.8	35
12	Porous asphalt/graphene composite for supercapacitors with high energy density at superior power density without added conducting materials. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21757-21764.	5.2	24
13	Functionalized graphene oxide based on p-phenylenediamine as spacers and nitrogen dopants for high performance supercapacitors. <i>Science Bulletin</i> , 2014, 59, 1809-1815.	1.7	23
14	What are the practical limits for the specific surface area and capacitance of bulk sp ² carbon materials?. <i>Science China Chemistry</i> , 2016, 59, 225-230.	4.2	17
15	A free-standing laser energy converter based on energetic graphene oxide for enhanced photothermal ignition. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13761-13768.	5.2	14
16	High-Temperature-Endurable, Flexible Supercapacitors: Performance and Degradation Mechanism. <i>Energy Technology</i> , 2018, 6, 161-170.	1.8	11
17	Reply to 'Do thermal effects cause the propulsion of bulk graphene material?'. <i>Nature Photonics</i> , 2016, 10, 139-141.	15.6	7
18	A Universal Method for the Preparation of Dual Network Reduced Graphene Oxide-Ceramic/Metal Foam Materials with Tunable Porosity and Improved Conductivity. <i>Chemistry of Materials</i> , 2018, 30, 8368-8374.	3.2	6