Tengfei Zhang

List of Publications by Year
in descending order

18 papers	2,691 citations	623574 14 h-index	839398 18 g-index
18 all docs	18 docs citations	18 times ranked	4917 citing authors

#	Article	IF	Citations
1	Super-elasticity of three-dimensionally cross-linked graphene materials all the way to deep cryogenic temperatures. Science Advances, 2019, 5, eaav2589.	4.7	84
2	Highâ€Temperatureâ€Endurable, Flexible Supercapacitors: Performance and Degradation Mechanism. Energy Technology, 2018, 6, 161-170.	1.8	11
3	Ultraâ€Broadband Wideâ€Angle Terahertz Absorption Properties of 3D Graphene Foam. Advanced Functional Materials, 2018, 28, 1704363.	7.8	223
4	A Universal Method for the Preparation of Dual Network Reduced Graphene Oxideâ€“Ceramic/Metal Foam Materials with Tunable Porosity and Improved Conductivity. Chemistry of Materials, 2018, 30, 8368-8374.	3.2	6
5	Monolithic 3D Cross-Linked Polymeric Graphene Materials and the Likes: Preparation and Their Redox Catalytic Applications. Journal of the American Chemical Society, 2018, 140, 11538-11550.	6.6	50
6	A free-standing laser energy converter based on energetic graphene oxide for enhanced photothermic ignition. Journal of Materials Chemistry A, 2018, 6, 13761-13768.	5.2	14
7	Highâ€Efficiency and Low Distortion Photoacoustic Effect in 3D Graphene Sponge. Advanced Functional Materials, 2018, 28, 1702652.	7.8	35
8	High activity of hot electrons from bulk 3D graphene materials for efficient photocatalytic hydrogen production. Nano Research, 2017, 10, 1662-1672.	5.8	49
9	Porous asphalt/graphene composite for supercapacitors with high energy density at superior power density without added conducting materials. Journal of Materials Chemistry A, 2017, 5, 21757-21764.	5.2	24
10	Highly Reversible and Recyclable Absorption under Both Hydrophobic and Hydrophilic Conditions using a Reduced Bulk Graphene Oxide Material. Advanced Materials, 2016, 28, 3504-3509.	11.1	63
11	Reply to 'Do thermal effects cause the propulsion of bulk graphene material?'. Nature Photonics, 2016, 10, 139-141.	15.6	7
12	What are the practical limits for the specific surface area and capacitance of bulk sp2 carbon materials?. Science China Chemistry, 2016, 59, 225-230.	4.2	17
13	Three-dimensionally bonded spongy graphene material with super compressive elasticity and near-zero Poissonâ€™s ratio. Nature Communications, 2015, 6, 6141.	5.8	458
14	Macroscopic and direct light propulsion of bulk graphene material. Nature Photonics, 2015, 9, 471-476.	15.6	192
15	Functionalized graphene oxide based on p-phenylenediamine as spacers and nitrogen dopants for high performance supercapacitors. Science Bulletin, 2014, 59, 1809-1815.	1.7	23
16	A Highâ€Performance Graphene Oxideâ€Doped Ion Gel as Gel Polymer Electrolyte for Allâ€Solidâ€State Supercapacitor Applications. Advanced Functional Materials, 2013, 23, 3353-3360.	7.8	356
17	A high-performance supercapacitor-battery hybrid energy storage device based on graphene-enhanced electrode materials with ultrahigh energy density. Energy and Environmental Science, 2013, 6, 1623.	15.6	875
18	Graphene-based Li-ion hybrid supercapacitors with ultrahigh performance. Nano Research, 2013, 6, 581-592.	5.8	204