

Bo Chen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,057
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	Scavenging Wind Energy by Triboelectric Nanogenerators. <i>Advanced Energy Materials</i> , 2018, 8, 1702649.	19.5	302
2	Mechanically strong fully biobased anisotropic cellulose aerogels. <i>RSC Advances</i> , 2016, 6, 96518-96526.	3.6	92
3	Polyimide/Graphene Nanocomposite Foam-Based Wind-Driven Triboelectric Nanogenerator for Self-Powered Pressure Sensor. <i>Advanced Materials Technologies</i> , 2019, 4, 1800723.	5.8	86
4	Strong, Hydrostable, and Degradable Straws Based on Cellulose-Lignin Reinforced Composites. <i>Small</i> , 2021, 17, e2008011.	10.0	81
5	Transparent triboelectric nanogenerator-induced high voltage pulsed electric field for a self-powered handheld printer. <i>Nano Energy</i> , 2018, 44, 468-475.	16.0	70
6	Ag Nanoparticle-Based Triboelectric Nanogenerator To Scavenge Wind Energy for a Self-Charging Power Unit. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43716-43723.	8.0	62
7	Interlayer Spacing Regulation of NiCo-LDH Nanosheets with Ultrahigh Specific Capacity for Battery-Type Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56692-56703.	8.0	61
8	A new class of flexible nanogenerators consisting of porous aerogel films driven by mechanoradicals. <i>Nano Energy</i> , 2017, 38, 401-411.	16.0	52
9	Wind-Driven Triboelectric Nanogenerators for Scavenging Biomechanical Energy. <i>ACS Applied Energy Materials</i> , 2018, 1, 4269-4276.	5.1	52
10	Superelastic Graphene Nanocomposite for High Cycle-Stability Water Capture-Release under Sunlight. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15616-15622.	8.0	41
11	Hardened wood as a renewable alternative to steel and plastic. <i>Matter</i> , 2021, 4, 3941-3952.	10.0	39
12	Preparation and dehumidification performance of composite membrane with PVA/gelatin-silica hybrid skin layer. <i>Journal of Membrane Science</i> , 2010, 363, 316-325.	8.2	38
13	A three-dimensional NiCo-LDH array modified halloysite nanotube composite for high-performance battery-type supercapacitor. <i>Journal of Alloys and Compounds</i> , 2021, 884, 161162.	5.5	27
14	A colorimetric and fluorescent probe for fluoride anions based on a phenanthroimidazole-cyanine platform. <i>Analytical Methods</i> , 2013, 5, 1612.	2.7	21
15	Two near-infrared highly sensitive cyanine fluorescent probes for pH monitoring. <i>Chinese Chemical Letters</i> , 2017, 28, 1681-1687.	9.0	19
16	Importance of Anode/Cathode Mass Loadings on Capacitive Deionization Performance. <i>Journal of the Electrochemical Society</i> , 2021, 168, 053503.	2.9	8
17	Design, synthesis and biological activity evaluation of desloratadine analogues as H1 receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4178-4185.	3.0	4
18	Correlation Between Rockwell and Brinell Hardness Measurements. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2022, 89, .	2.2	2

#	ARTICLE	IF	CITATIONS
19	Importance of Mass Loadings of Activated Carbon Electrode on Capacitive Deionization Performance. ECS Meeting Abstracts, 2021, MA2021-02, 1526-1526.	0.0	0
20	A Hierarchical Nico-LDH/Hnt Nanocomposite with a Core-Shell Structure for High-Performance Battery-Type Supercapacitor. ECS Meeting Abstracts, 2021, MA2021-02, 456-456.	0.0	0