

Bo Chen

List of Publications by Year in descending order

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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	Correlation Between Rockwell and Brinell Hardness Measurements. Journal of Applied Mechanics, Transactions ASME, 2022, 89, .	2.2	2
2	Strong, Hydrostable, and Degradable Straws Based on Cellulose-Lignin Reinforced Composites. Small, 2021, 17, e2008011.	10.0	81
3	Importance of Anode/Cathode Mass Loadings on Capacitive Deionization Performance. Journal of the Electrochemical Society, 2021, 168, 053503.	2.9	8
4	A three-dimensional NiCo-LDH array modified halloysite nanotube composite for high-performance battery-type supercapacitor. Journal of Alloys and Compounds, 2021, 884, 161162.	5.5	27
5	Hardened wood as a renewable alternative to steel and plastic. Matter, 2021, 4, 3941-3952.	10.0	39
6	Importance of Mass Loadings of Activated Carbon Electrode on Capacitive Deionization Performance. ECS Meeting Abstracts, 2021, MA2021-02, 1526-1526.	0.0	0
7	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
8	Interlayer Spacing Regulation of NiCo-LDH Nanosheets with Ultrahigh Specific Capacity for Battery-Type Supercapacitors. ACS Applied Materials & Interfaces, 2021, 13, 56692-56703.	8.0	61
9	Superelastic Graphene Nanocomposite for High Cycle-Stability Water Capture-Release under Sunlight. ACS Applied Materials & Interfaces, 2019, 11, 15616-15622.	8.0	41
10	Polyimide/Graphene Nanocomposite Foam-Based Wind-Driven Triboelectric Nanogenerator for Self-Powered Pressure Sensor. Advanced Materials Technologies, 2019, 4, 1800723.	5.8	86
11	Scavenging Wind Energy by Triboelectric Nanogenerators. Advanced Energy Materials, 2018, 8, 1702649.	19.5	302
12	Transparent triboelectric nanogenerator-induced high voltage pulsed electric field for a self-powered handheld printer. Nano Energy, 2018, 44, 468-475.	16.0	70
13	Wind-Driven Triboelectric Nanogenerators for Scavenging Biomechanical Energy. ACS Applied Energy Materials, 2018, 1, 4269-4276.	5.1	52
14	Two near-infrared highly sensitive cyanine fluorescent probes for pH monitoring. Chinese Chemical Letters, 2017, 28, 1681-1687.	9.0	19
15	A new class of flexible nanogenerators consisting of porous aerogel films driven by mechanoradicals. Nano Energy, 2017, 38, 401-411.	16.0	52
16	Ag Nanoparticle-Based Triboelectric Nanogenerator To Scavenge Wind Energy for a Self-Charging Power Unit. ACS Applied Materials & Interfaces, 2017, 9, 43716-43723.	8.0	62
17	Mechanically strong fully biobased anisotropic cellulose aerogels. RSC Advances, 2016, 6, 96518-96526.	3.6	92
18	Design, synthesis and biological activity evaluation of desloratadine analogues as H1 receptor antagonists. Bioorganic and Medicinal Chemistry, 2013, 21, 4178-4185.	3.0	4

#	ARTICLE	IF	CITATIONS
19	A colorimetric and fluorescent probe for fluoride anions based on a phenanthroimidazole-cyanine platform. <i>Analytical Methods</i> , 2013, 5, 1612.	2.7	21
20	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