Chan Wang

List of Publications by Year
in descending order

31 papers	1,711 citations	331670 21 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	1934 citing authors

#	Article	IF	Citations
1	A Selfâ€Powered Triboelectric Hybrid Coder for Humanâ€“Machine Interaction. Small Methods, 2022, 6, e2101529.	8.6	53
2	Ultraâ€Stretchable and Fast Selfâ€Healing Ionic Hydrogel in Cryogenic Environments for Artificial Nerve Fiber. Advanced Materials, 2022, 34, e2105416.	21.0	110
3	Ultraâ€Stretchable and Fast Selfâ€Healing Ionic Hydrogel in Cryogenic Environments for Artificial Nerve Fiber (Adv. Mater. 16/2022). Advanced Materials, 2022, 34, .	21.0	2
4	Advanced Implantable Biomedical Devices Enabled by Triboelectric Nanogenerators. Nanomaterials, 2022, 12, 1366.	4.1	33
5	A Self-Powered Optogenetic System for Implantable Blood Glucose Control. Research, 2022, 2022, .	5.7	7
6	Body Temperature Enhanced Adhesive, Antibacterial, and Recyclable Ionic Hydrogel for Epidermal Electrophysiological Monitoring. Advanced Healthcare Materials, 2022, 11, .	7.6	29
7	Refreshable Braille Display System Based on Triboelectric Nanogenerator and Dielectric Elastomer. Advanced Functional Materials, 2021, 31, 2006612.	14.9	96
8	Flexible Supercapacitors Based on Graphene/Boron Nitride Nanosheets Electrodes and PVA/PEI Gel Electrolytes. Materials, 2021, 14, 1955.	2.9	17
9	Selfâ€Powered Controllable Transdermal Drug Delivery System. Advanced Functional Materials, 2021, 31, 2104092.	14.9	52
10	Stretchable, Self-Healing, and Skin-Mounted Active Sensor for Multipoint Muscle Function Assessment. ACS Nano, 2021, 15, 10130-10140.	14.6	75
11	Self-powered pulsed direct current stimulation system for enhancing osteogenesis in MC3T3-E1. Nano Energy, 2021, 85, 106009.	16.0	50
12	Customization of Conductive Elastomer Based on PVA/PEI for Stretchable Sensors. Small, 2020, 16, e1904758.	10.0	107
13	Stretchable Sensors: Customization of Conductive Elastomer Based on PVA/PEI for Stretchable Sensors (Small 7/2020). Small, 2020, 16, 2070037.	10.0	4
14	Self-Assembly of Constrained Cyclic Peptides Controlled by Ring Size. CCS Chemistry, 2020, 2, 42-51.	7.8	20
15	Cancer Therapy: Highly Efficient In Vivo Cancer Therapy by an Implantable Magnet Triboelectric Nanogenerator (Adv. Funct. Mater. 41/2019). Advanced Functional Materials, 2019, 29, 1970285.	14.9	17
16	Fabrication of Concentric Carbon Nanotube Rings and Their Application on Regulating Cell Growth. ACS Omega, 2019, 4, 16209-16216.	3.5	6
17	Highly Efficient In Vivo Cancer Therapy by an Implantable Magnet Triboelectric Nanogenerator. Advanced Functional Materials, 2019, 29, 1808640.	14.9	92
18	Elastic Cu@PPy sponge for hybrid device with energy conversion and storage. Nano Energy, 2019, 58, 852-861.	16.0	49

#	Article	IF	Citations
19	A bionic stretchable nanogenerator for underwater sensing and energy harvesting. Nature Communications, 2019, 10, 2695.	12.8	413
20	Wearable Wire-Shaped Symmetric Supercapacitors Based on Activated Carbon-Coated Graphite Fibers. ACS Applied Materials & Interfaces, 2018, 10, 34302-34310.	8.0	46
21	Interdigitated Electrodeâ€Based Triboelectric Sliding Sensor for Security Monitoring. Advanced Materials Technologies, 2018, 3, 1800189.	5.8	50
22	Black Phosphorus Nanosheets Passivation Using a Tripeptide. Small, 2018, 14, e1801701.	10.0	36
23	Comparative investigation of the deactivation behaviors over HZSM-5 and HSAPO-34 catalysts during low-temperature methanol conversion. Catalysis Science and Technology, 2017, 7, 2022-2031.	4.1	26
24	Organophosphorous surfactant-assistant synthesis of SAPO-34 molecular sieve with special morphology and improved MTO performance. RSC Advances, 2016, 6, 47864-47872.	3.6	28
25	A reconstruction strategy to synthesize mesoporous SAPO molecular sieve single crystals with high MTO catalytic activity. Chemical Communications, 2016, 52, 6463-6466.	4.1	30
26	Dual template-directed synthesis of SAPO-34 nanosheet assemblies with improved stability in the methanol to olefins reaction. Journal of Materials Chemistry A, 2015, 3, 5608-5616.	10.3	160
27	N-methyldiethanolamine: A multifunctional structure-directing agent for the synthesis of SAPO and AlPO molecular sieves. Journal of Colloid and Interface Science, 2015, 445, 119-126.	9.4	16
28	Synthesis of hierarchical beta zeolite by using a bifunctional cationic polymer and the improved catalytic performance. RSC Advances, 2015, 5, 9852-9860.	3.6	27
29	Cationic surfactant-assisted hydrothermal synthesis: an effective way to tune the crystalline phase and morphology of SAPO molecular sieves. CrystEngComm, 2015, 17, 8555-8561.	2.6	11
30	Aminothermal synthesis of CHA-type SAPO molecular sieves and their catalytic performance in methanol to olefins (MTO) reaction. Journal of Materials Chemistry A, 2013, 1, 14206.	10.3	49
31	Self-Assembly of Constrained Cyclic Peptides Controlled by Ring Size. CCS Chemistry, 0, , 42-51.	7.8	0