

Changxin Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5002487/publications.pdf>

Version: 2024-02-01

18
papers

3,973
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

6496
citing authors

#	ARTICLE	IF	CITATIONS
1	An ultrafast rechargeable aluminium-ion battery. <i>Nature</i> , 2015, 520, 324-328.	27.8	1,970
2	Through-skull fluorescence imaging of the brain in a new near-infrared window. <i>Nature Photonics</i> , 2014, 8, 723-730.	31.4	829
3	Ultrafast fluorescence imaging in vivo with conjugated polymer fluorophores in the second near-infrared window. <i>Nature Communications</i> , 2014, 5, 4206.	12.8	470
4	Poly (acrylic acid sodium) grafted carboxymethyl cellulose as a high performance polymer binder for silicon anode in lithium ion batteries. <i>Scientific Reports</i> , 2016, 6, 19583.	3.3	140
5	Sub-10-nm graphene nanoribbons with atomically smooth edges from squashed carbon nanotubes. <i>Nature Electronics</i> , 2021, 4, 653-663.	26.0	61
6	Steamed water engineering mechanically robust graphene films for high-performance electrochemical capacitive energy storage. <i>Nano Energy</i> , 2016, 26, 668-676.	16.0	51
7	Diketopyrrolopyrrole (DPP)-Based Donor-Acceptor Polymers for Selective Dispersion of Large-Diameter Semiconducting Carbon Nanotubes. <i>Small</i> , 2015, 11, 2946-2954.	10.0	47
8	Nitrogen-Doped Carbon Nanotube-Supported Pd Catalyst for Improved Electrocatalytic Performance toward Ethanol Electrooxidation. <i>Nano-Micro Letters</i> , 2017, 9, 28.	27.0	39
9	Plasmonic micro-beads for fluorescence enhanced, multiplexed protein detection with flow cytometry. <i>Chemical Science</i> , 2014, 5, 4070-4075.	7.4	38
10	Graphene Nanoribbons Under Mechanical Strain. <i>Advanced Materials</i> , 2015, 27, 303-309.	21.0	36
11	High-work-function metal/carbon nanotube/low-work-function metal hybrid junction photovoltaic device. <i>NPG Asia Materials</i> , 2015, 7, e220-e220.	7.9	18
12	Tailoring Anionic Redox Activity in a P2-Type Sodium Layered Oxide Cathode via Cu Substitution. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 28738-28747.	8.0	18
13	Carbon nanotube intramolecular p-i-n junction diodes with symmetric and asymmetric contacts. <i>Scientific Reports</i> , 2016, 6, 22203.	3.3	11
14	A p-i-n junction diode based on locally doped carbon nanotube network. <i>Scientific Reports</i> , 2016, 6, 23319.	3.3	10
15	Carbon Nanotube Multi-Channeled Field-Effect Transistors. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3789-3793.	0.9	8
16	Graphene Oxide Nanoplatelets Grafted Jute Fibers Reinforced PP Composites. <i>Fibers and Polymers</i> , 2020, 21, 2896-2906.	2.1	6
17	Graphene: Graphene Nanoribbons Under Mechanical Strain (<i>Adv. Mater.</i> 2/2015). <i>Advanced Materials</i> , 2015, 27, 392-392.	21.0	3
18	FABRICATION OF DISPERSED ALIGNED CARBON NANOTUBE ARRAY BETWEEN METAL ELECTRODES. <i>International Journal of Nanoscience</i> , 2006, 05, 389-394.	0.7	0