

Qiao Chen

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,578
citations

516215

16
h-index

610482

24
g-index

24
all docs

24
docs citations

24
times ranked

3254
citing authors

#	ARTICLE	IF	CITATIONS
1	Local evidence for collective spin excitations in the distorted kagome antiferromagnet Pr ₃ BWO ₉ . Physical Review B, 2021, 104, .	1.1	4
2	High-quality bilayer graphene grown on softened copper foils by atmospheric pressure chemical vapor deposition. Science China Materials, 2020, 63, 1973-1982.	3.5	11
3	Sustained and Controlled Release of Volatile Precursors for Chemical Vapor Deposition of Graphene at Atmospheric Pressure. Chemistry - A European Journal, 2020, 26, 7463-7469.	1.7	4
4	Submillimeter-Scale Monolayer η -Type H ₂ Phase VS ₂ . Advanced Functional Materials, 2020, 30, 2000240.	7.8	64
5	2D Hybrid Superlattice-Based On-Chip Electrocatalytic Microdevice for <i>in Situ</i> Revealing Enhanced Catalytic Activity. ACS Nano, 2020, 14, 1635-1644.	7.3	36
6	Formation of Uniform Water Microdroplets on Wrinkled Graphene for Ultrafast Humidity Sensing. Small, 2018, 14, e1703848.	5.2	109
7	Long-term electrical conductivity stability of graphene under uncontrolled ambient conditions. Carbon, 2018, 133, 410-415.	5.4	7
8	Direct growth of high crystallinity graphene from water-soluble polymer powders. 2D Materials, 2018, 5, 035001.	2.0	8
9	Chloride-intercalated continuous chemical vapor deposited graphene film with discrete adlayers. Nano Research, 2018, 11, 440-448.	5.8	7
10	Graphene oxide as a water transporter promoting germination of plants in soil. Nano Research, 2018, 11, 1928-1937.	5.8	92
11	Heterojunction solar cells based on graphene woven fabrics and silicon. Journal of Materiomics, 2018, 4, 135-138.	2.8	5
12	Twin Structure in BiVO ₄ Photoanodes Boosting Water Oxidation Performance through Enhanced Charge Separation and Transport. Advanced Energy Materials, 2018, 8, 1802198.	10.2	61
13	Scalable Low-Band-Gap Sb ₂ Se ₃ Thin-Film Photocathodes for Efficient Visible-Near-Infrared Solar Hydrogen Evolution. ACS Nano, 2017, 11, 12753-12763.	7.3	127
14	The physics and chemistry of graphene-on-surfaces. Chemical Society Reviews, 2017, 46, 4417-4449.	18.7	309
15	Spindle-like hierarchical carbon structure grown from polyhydroxyalkanoate/ferrocene/chloroform precursor. Carbon, 2016, 103, 346-351.	5.4	5
16	Precise Control of the Number of Layers of Graphene by Picosecond Laser Thinning. Scientific Reports, 2015, 5, 11662.	1.6	91
17	Galvanism of continuous ionic liquid flow over graphene grids. Applied Physics Letters, 2015, 107, .	1.5	32
18	Highly efficient quasi-static water desalination using monolayer graphene oxide/titania hybrid laminates. NPC Asia Materials, 2015, 7, e162-e162.	3.8	94

#	ARTICLE	IF	CITATIONS
19	Cellulose-Templated Graphene Monoliths with Anisotropic Mechanical, Thermal, and Electrical Properties. ACS Applied Materials & Interfaces, 2015, 7, 19145-19152.	4.0	37
20	Evaluation of layer-by-layer graphene structures as supercapacitor electrode materials. Journal of Applied Physics, 2014, 115, 024305.	1.1	28
21	Hybrid Heterojunction and Solid-State Photoelectrochemical Solar Cells. Advanced Energy Materials, 2014, 4, 1400224.	10.2	43
22	Effect of different gel electrolytes on graphene-based solid-state supercapacitors. RSC Advances, 2014, 4, 36253-36256.	1.7	163
23	Highly Flexible and Adaptable, All-Solid-State Supercapacitors Based on Graphene Woven-Fabric Film Electrodes. Small, 2014, 10, 2583-2588.	5.2	85
24	Flexible all solid-state supercapacitors based on chemical vapor deposition derived graphene fibers. Physical Chemistry Chemical Physics, 2013, 15, 17752.	1.3	156