

Wenzhang Fang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,564
citations

393982

19
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

2439
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-doped Ti ³⁺ -enhanced TiO ₂ nanoparticles with a high-performance photocatalysis. <i>Journal of Catalysis</i> , 2013, 297, 236-243.	3.1	266
2	A new approach to prepare Ti ³⁺ self-doped TiO ₂ via NaBH ₄ reduction and hydrochloric acid treatment. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 240-246.	10.8	254
3	Modifications on reduced titanium dioxide photocatalysts: A review. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2017, 32, 21-39.	5.6	221
4	Highly-dispersed boron-doped graphene nanoribbons with enhanced conductivity and photocatalysis. <i>Chemical Communications</i> , 2014, 50, 6637-6640.	2.2	91
5	Hierarchical Porous SWCNT Stringed Carbon Polyhedrons and PSS Threaded MOF Bilayer Membrane for Efficient Solar Vapor Generation. <i>Small</i> , 2019, 15, e1900354.	5.2	89
6	Commercial expanded graphite as high-performance cathode for low-cost aluminum-ion battery. <i>Carbon</i> , 2019, 148, 134-140.	5.4	74
7	Rapid roll-to-roll production of graphene films using intensive Joule heating. <i>Carbon</i> , 2019, 155, 462-468.	5.4	73
8	Enhanced photocatalytic activities of vacuum activated TiO ₂ catalysts with Ti ³⁺ and N co-doped. <i>Catalysis Today</i> , 2016, 266, 188-196.	2.2	61
9	Ultrathick and highly thermally conductive graphene films by self-fusion. <i>Carbon</i> , 2020, 167, 249-255.	5.4	55
10	Reduced {001}-TiO ₂ photocatalysts: noble-metal-free CO ₂ photoreduction for selective CH ₄ evolution. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13875-13881.	1.3	50
11	Enhanced photocatalytic hydrogen evolution activity of CuInS ₂ loaded TiO ₂ under solar light irradiation. <i>Journal of Solid State Chemistry</i> , 2015, 226, 94-100.	1.4	41
12	2D Topology-Seeded Graphitization for Highly Thermally Conductive Carbon Fibers. <i>Advanced Materials</i> , 2022, 34, e2201867.	11.1	40
13	Multifunctional Macroassembled Graphene Nanofilms with High Crystallinity. <i>Advanced Materials</i> , 2021, 33, e2104195.	11.1	30
14	Gold-loaded graphene oxide/PDPB composites for the synchronous removal of Cr(VI) and phenol. <i>Chinese Journal of Catalysis</i> , 2018, 39, 8-15.	6.9	28
15	Zn-Assisted TiO ₂ Photocatalyst with Efficient Charge Separation for Enhanced Photocatalytic Activities. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17068-17076.	1.5	24
16	A robust asymmetric porous SWCNT/Gelatin thin membrane with salt-resistant for efficient solar vapor generation. <i>Applied Materials Today</i> , 2020, 18, 100459.	2.3	24
17	Macroscopic assembled graphene nanofilms based room temperature ultrafast mid-infrared photodetectors. <i>Informa Mater</i> , 2022, 4, .	8.5	24
18	Influence of Na ⁺ ion doping on the phase change and upconversion emissions of the Gd ₃ :Yb ₃ , Tm ₃ nanocrystals obtained from the designed molecular precursors. <i>RSC Advances</i> , 2015, 5, 100535-100545.	1.7	21

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19	Liquid crystalline 3D printing for superstrong graphene microlattices with high density. Carbon, 2020, 159, 166-174.	5.4	21
20	A graphitized expanded graphite cathode for aluminum-ion battery with excellent rate capability. Journal of Energy Chemistry, 2022, 66, 38-44.	7.1	17
21	Advanced Bi ₂ O _{2.7} /Bi ₂ Ti ₂ O ₇ composite film with enhanced visible-light-driven activity for the degradation of organic dyes. Research on Chemical Intermediates, 2018, 44, 4609-4618.	1.3	14
22	Heavy Water Enables High-Voltage Aqueous Electrochemistry via the Deuterium Isotope Effect. Journal of Physical Chemistry Letters, 2020, 11, 303-310.	2.1	14
23	A polyimide-pyrolyzed carbon waste approach for the scalable and controlled electrochemical preparation of size-tunable graphene. Nanoscale, 2020, 12, 11971-11978.	2.8	12
24	SERS self-monitoring of Ag-catalyzed reaction by magnetically separable mesoporous Fe ₃ O ₄ @Ag@mSiO ₂ . Microporous and Mesoporous Materials, 2018, 263, 113-119.	2.2	11
25	Enhanced photoreduction of Cr(VI) and photooxidation of NO over TiO ₂ x mesoporous single crystals. RSC Advances, 2017, 7, 55927-55934.	1.7	9