

Wenzhang Fang

List of Publications by Year in descending order

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25
papers

1,564
citations

394421
19
h-index

580821
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. Journal of Catalysis, 2013, 297, 236-243.	6.2	266
2	A new approach to prepare Ti ³⁺ -self-doped TiO ₂ via NaBH ₄ reduction and hydrochloric acid treatment. Applied Catalysis B: Environmental, 2014, 160-161, 240-246.	20.2	254
3	Modifications on reduced titanium dioxide photocatalysts: A review. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2017, 32, 21-39.	11.6	221
4	Highly-dispersed boron-doped graphene nanoribbons with enhanced conductivity and photocatalysis. Chemical Communications, 2014, 50, 6637-6640.	4.1	91
5	Hierarchical Porous SWCNT Stringed Carbon Polyhedrons and PSS Threaded MOF Bilayer Membrane for Efficient Solar Vapor Generation. Small, 2019, 15, e1900354.	10.0	89
6	Commercial expanded graphite as high-performance cathode for low-cost aluminum-ion battery. Carbon, 2019, 148, 134-140.	10.3	74
7	Rapid roll-to-roll production of graphene films using intensive Joule heating. Carbon, 2019, 155, 462-468.	10.3	73
8	Enhanced photocatalytic activities of vacuum activated TiO ₂ catalysts with Ti ³⁺ and N co-doped. Catalysis Today, 2016, 266, 188-196.	4.4	61
9	Ultrathick and highly thermally conductive graphene films by self-fusion. Carbon, 2020, 167, 249-255.	10.3	55
10	Reduced {001}-TiO ₂ photocatalysts: noble-metal-free CO ₂ photoreduction for selective CH ₄ evolution. Physical Chemistry Chemical Physics, 2017, 19, 13875-13881.	2.8	50
11	Enhanced photocatalytic hydrogen evolution activity of CuInS ₂ loaded TiO ₂ under solar light irradiation. Journal of Solid State Chemistry, 2015, 226, 94-100.	2.9	41
12	2D-ETOPology-Seed Graphitization for Highly Thermally Conductive Carbon Fibers. Advanced Materials, 2022, 34, e2201867.	21.0	40
13	Multifunctional Macroassembled Graphene Nanofilms with High Crystallinity. Advanced Materials, 2021, 33, e2104195.	21.0	30
14	Gold-loaded graphene oxide/PDPB composites for the synchronous removal of Cr(VI) and phenol. Chinese Journal of Catalysis, 2018, 39, 8-15.	14.0	28
15	Zn-Assisted TiO ₂ Photocatalyst with Efficient Charge Separation for Enhanced Photocatalytic Activities. Journal of Physical Chemistry C, 2017, 121, 17068-17076.	3.1	24
16	A robust asymmetric porous SWCNT/Gelatin thin membrane with salt-resistant for efficient solar vapor generation. Applied Materials Today, 2020, 18, 100459.	4.3	24
17	Macroscopic assembled graphene nanofilms based room temperature ultrafast mid-infrared photodetectors. InformaA-MateriAily, 2022, 4, .	17.3	24
18	Influence of Na ⁺ ion doping on the phase change and upconversion emissions of the GdF ₃ :Yb ³⁺ , Tm ³⁺ nanocrystals obtained from the designed molecular precursors. RSC Advances, 2015, 5, 100535-100545.	3.6	21

#	ARTICLE	IF	CITATIONS
19	Liquid crystalline 3D printing for superstrong graphene microlattices with high density. Carbon, 2020, 159, 166-174.	10.3	21
20	A graphitized expanded graphite cathode for aluminum-ion battery with excellent rate capability. Journal of Energy Chemistry, 2022, 66, 38-44.	12.9	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.	2.7	14
22	Heavy Water Enables High-Voltage Aqueous Electrochemistry via the Deuterium Isotope Effect. Journal of Physical Chemistry Letters, 2020, 11, 303-310.	4.6	14
23	A polyimide-pyrolyzed carbon waste approach for the scalable and controlled electrochemical preparation of size-tunable graphene. Nanoscale, 2020, 12, 11971-11978.	5.6	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.	4.4	11
25	Enhanced photoreduction of Cr(VI) and photooxidation of NO over TiO ₂ x mesoporous single crystals. RSC Advances, 2017, 7, 55927-55934.	3.6	9