

Fei-Fei Chen

List of Publications by Year in descending order

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35
papers

2,494
citations

331670

21
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

2745
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving luminescence and thermometric performance of Ba ₂ CaWO ₆ :Er ³⁺ by tri-doping with Yb ³⁺ and Na ⁺ . <i>Journal of Rare Earths</i> , 2023, 41, 42-50.	4.8	7
2	Controlling metallic Co ₀ in ZIF-67-derived N-C/Co composite catalysts for efficient photocatalytic CO ₂ reduction. <i>Science China Materials</i> , 2022, 65, 413-421.	6.3	23
3	g-C ₃ N ₄ microtubes@CoNiO ₂ nanosheets p-n heterojunction with a hierarchical hollow structure for efficient photocatalytic CO ₂ reduction. <i>Applied Surface Science</i> , 2022, 579, 151997.	6.1	18
4	Graphene oxide/polyethyleneimine/hydroxyapatite nanowire composite paper: Unexpected mechanical robustness after fire attacking and fire alarm application. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 160, 107061.	7.6	18
5	Utilizing an Oxygen-Rich Interface by Hydroxyapatite to Regulate the Linear Diffusion for the Stable Solid-State Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 33392-33399.	8.0	6
6	Smart fire alarm systems for rapid early fire warning: Advances and challenges. <i>Chemical Engineering Journal</i> , 2022, 450, 137927.	12.7	34
7	Light-Driven Syngas Production over Defective ZnIn ₂ S ₄ Nanosheets. <i>Chemistry - A European Journal</i> , 2021, 27, 3786-3792.	3.3	37
8	Customized Cellulose Fiber Paper Enabled by an <i>In Situ</i> Growth of Ultralong Hydroxyapatite Nanowires. <i>ACS Nano</i> , 2021, 15, 5355-5365.	14.6	42
9	Highly Dispersive Ni@C and Co@C Nanoparticles Derived from Metal-Organic Monolayers for Enhanced Photocatalytic CO ₂ Reduction. <i>Inorganic Chemistry</i> , 2021, 60, 10738-10748.	4.0	18
10	Spatial distribution of ZnIn ₂ S ₄ nanosheets on g-C ₃ N ₄ microtubes promotes photocatalytic CO ₂ reduction. <i>Chemical Engineering Journal</i> , 2021, 418, 129476.	12.7	84
11	Upcycling of heavy metal adsorbents into sulfide semiconductors for photocatalytic CO ₂ reduction. <i>Applied Surface Science</i> , 2021, 558, 149647.	6.1	11
12	Recycling heavy metals from wastewater for photocatalytic CO ₂ reduction. <i>Chemical Engineering Journal</i> , 2020, 402, 125922.	12.7	44
13	Amino-functionalized YF ₃ :Eu ³⁺ nanoparticles: A selective two-in-one fluorescent probe for Cr(III) and Cr(VI) detection. <i>Journal of Luminescence</i> , 2020, 226, 117440.	3.1	5
14	Superhydrophobic Photothermal Paper Based on Ultralong Hydroxyapatite Nanowires for Controllable Light-Driven Self-Propelled Motion. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13226-13235.	6.7	41
15	Secret Paper with Vinegar as an Invisible Security Ink and Fire as a Decryption Key for Information Protection. <i>Chemistry - A European Journal</i> , 2019, 25, 10918-10925.	3.3	11
16	Self-floating aerogel composed of carbon nanotubes and ultralong hydroxyapatite nanowires for highly efficient solar energy-assisted water purification. <i>Carbon</i> , 2019, 150, 233-243.	10.3	85
17	Portable and writable photoluminescent chalk for on-site information protection on arbitrary substrates. <i>Chemical Engineering Journal</i> , 2019, 369, 766-774.	12.7	19
18	Binary Strengthening and Toughening of MXene/Cellulose Nanofiber Composite Paper with Nacre-Inspired Structure and Superior Electromagnetic Interference Shielding Properties. <i>ACS Nano</i> , 2018, 12, 4583-4593.	14.6	942

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19	Ultralong hydroxyapatite nanowire-based layered catalytic paper for highly efficient continuous flow reactions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5762-5773.	10.3	41
20	Fire Alarm Wallpaper Based on Fire-Resistant Hydroxyapatite Nanowire Inorganic Paper and Graphene Oxide Thermosensitive Sensor. <i>ACS Nano</i> , 2018, 12, 3159-3171.	14.6	155
21	Low-Cost and Scaled-Up Production of Fluorine-Free, Substrate-Independent, Large-Area Superhydrophobic Coatings Based on Hydroxyapatite Nanowire Bundles. <i>Chemistry - A European Journal</i> , 2018, 24, 416-424.	3.3	18
22	Enzymatic Reaction Generates Biomimic Nanominerals with Superior Bioactivity. <i>Small</i> , 2018, 14, e1804321.	10.0	21
23	Bioinspired Macroscopic Ribbon Fibers with a Nacre-Mimetic Architecture Based on Highly Ordered Alignment of Ultralong Hydroxyapatite Nanowires. <i>ACS Nano</i> , 2018, 12, 12284-12295.	14.6	46
24	Flexible Fire-Resistant Photothermal Paper Comprising Ultralong Hydroxyapatite Nanowires and Carbon Nanotubes for Solar Energy-Driven Water Purification. <i>Small</i> , 2018, 14, e1803387.	10.0	136
25	Recyclable, Fire-Resistant, Superhydrophobic, and Magnetic Paper Based on Ultralong Hydroxyapatite Nanowires for Continuous Oil/Water Separation and Oil Collection. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10140-10150.	6.7	68
26	Antibacterial gluey silver-calcium phosphate composites for dentine remineralization. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4985-4994.	5.8	10
27	Inorganic Nanowires-Assembled Layered Paper as the Valve for Controlling Water Transportation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11045-11053.	8.0	13
28	Hydroxyapatite Nanowire-Based All-Weather Flexible Electrically Conductive Paper with Superhydrophobic and Flame-Retardant Properties. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39534-39548.	8.0	54
29	Ultralong hydroxyapatite nanowires/collagen scaffolds with hierarchical porous structure, enhanced mechanical properties and excellent cellular attachment. <i>Ceramics International</i> , 2017, 43, 15747-15754.	4.8	26
30	Luminescent, Fire-Resistant, and Water-Proof Ultralong Hydroxyapatite Nanowire-Based Paper for Multimode Anticounterfeiting Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25455-25464.	8.0	68
31	Flexible hydroxyapatite ultralong nanowire-based paper for highly efficient and multifunctional air filtration. <i>Journal of Materials Chemistry A</i> , 2017, 5, 17482-17491.	10.3	114
32	Ultralong Hydroxyapatite Nanowires-Based Paper Co-Loaded with Silver Nanoparticles and Antibiotic for Long-Term Antibacterial Benefit. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22212-22222.	8.0	74
33	Hydroxyapatite Nanowires@Metal-Organic Framework Core/Shell Nanofibers: Templated Synthesis, Peroxidase-Like Activity, and Derived Flexible Recyclable Test Paper. <i>Chemistry - A European Journal</i> , 2017, 23, 3328-3337.	3.3	51
34	Highly Flexible Superhydrophobic and Fire-Resistant Layered Inorganic Paper. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34715-34724.	8.0	111
35	One-Step Synthesis of Silver Nanoparticle-Decorated Hydroxyapatite Nanowires for the Construction of Highly Flexible Free-Standing Paper with High Antibacterial Activity. <i>Chemistry - A European Journal</i> , 2016, 22, 11224-11231.	3.3	43