Fei-Fei Chen

List of Publications by Year
in descending order

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	Binary Strengthening and Toughening of MXene/Cellulose Nanofiber Composite Paper with Nacre-Inspired Structure and Superior Electromagnetic Interference Shielding Properties. ACS Nano, 2018, 12, 4583-4593.	14.6	942
2	Fire Alarm Wallpaper Based on Fire-Resistant Hydroxyapatite Nanowire Inorganic Paper and Graphene Oxide Thermosensitive Sensor. ACS Nano, 2018, 12, 3159-3171.	14.6	155
3	Flexible Fireâ€Resistant Photothermal Paper Comprising Ultralong Hydroxyapatite Nanowires and Carbon Nanotubes for Solar Energyâ€Driven Water Purification. Small, 2018, 14, e1803387.	10.0	136
4	Flexible hydroxyapatite ultralong nanowire-based paper for highly efficient and multifunctional air filtration. Journal of Materials Chemistry A, 2017, 5, 17482-17491.	10.3	114
5	Highly Flexible Superhydrophobic and Fire-Resistant Layered Inorganic Paper. ACS Applied Materials & Interfaces, 2016, 8, 34715-34724.	8.0	111
6	Self-floating aerogel composed of carbon nanotubes and ultralong hydroxyapatite nanowires for highly efficient solar energy-assisted water purification. Carbon, 2019, 150, 233-243.	10.3	85
7	Spatial distribution of ZnIn2S4 nanosheets on g-C3N4 microtubes promotes photocatalytic CO2 reduction. Chemical Engineering Journal, 2021, 418, 129476.	12.7	84
8	Ultralong Hydroxyapatite Nanowires-Based Paper Co-Loaded with Silver Nanoparticles and Antibiotic for Long-Term Antibacterial Benefit. ACS Applied Materials & Interfaces, 2017, 9, 22212-22222.	8.0	74
9	Luminescent, Fire-Resistant, and Water-Proof Ultralong Hydroxyapatite Nanowire-Based Paper for Multimode Anticounterfeiting Applications. ACS Applied Materials & Interfaces, 2017, 9, 25455-25464.	8.0	68
10	Recyclable, Fire-Resistant, Superhydrophobic, and Magnetic Paper Based on Ultralong Hydroxyapatite Nanowires for Continuous Oil/Water Separation and Oil Collection. ACS Sustainable Chemistry and Engineering, 2018, 6, 10140-10150.	6.7	68
11	Hydroxyapatite Nanowire-Based All-Weather Flexible Electrically Conductive Paper with Superhydrophobic and Flame-Retardant Properties. ACS Applied Materials & Interfaces, 2017, 9, 39534-39548.	8.0	54
12	Hydroxyapatite Nanowires@Metalâ€“Organic Framework Core/Shell Nanofibers: Templated Synthesis, Peroxidaseâ€Like Activity, and Derived Flexible Recyclable Test Paper. Chemistry - A European Journal, 2017, 23, 3328-3337.	3.3	51
13	Bioinspired Macroscopic Ribbon Fibers with a Nacre-Mimetic Architecture Based on Highly Ordered Alignment of Ultralong Hydroxyapatite Nanowires. ACS Nano, 2018, 12, 12284-12295.	14.6	46
14	Recycling heavy metals from wastewater for photocatalytic CO2 reduction. Chemical Engineering Journal, 2020, 402, 125922.	12.7	44
15	Oneâ€Step Synthesis of Silver Nanoparticleâ€Decorated Hydroxyapatite Nanowires for the Construction of Highly Flexible Freeâ€Standing Paper with High Antibacterial Activity. Chemistry - A European Journal, 2016, 22, 11224-11231.	3.3	43
16	Customized Cellulose Fiber Paper Enabled by an In Situ Growth of Ultralong Hydroxyapatite Nanowires. ACS Nano, 2021, 15, 5355-5365.	14.6	42
17	Ultralong hydroxyapatite nanowire-based layered catalytic paper for highly efficient continuous flow reactions. Journal of Materials Chemistry A, 2018, 6, 5762-5773.	10.3	41
18	Superhydrophobic Photothermal Paper Based on Ultralong Hydroxyapatite Nanowires for Controllable Light-Driven Self-Propelled Motion. ACS Sustainable Chemistry and Engineering, 2019, 7, 13226-13235.	6.7	41

#	Article	IF	Citations
19	Lightâ€Driven Syngas Production over Defective ZnIn₂S₄ Nanosheets. Chemistry - A European Journal, 2021, 27, 3786-3792.	3.3	37
20	Smart fire alarm systems for rapid early fire warning: Advances and challenges. Chemical Engineering Journal, 2022, 450, 137927.	12.7	34
21	Ultralong hydroxyapatite nanowires/collagen scaffolds with hierarchical porous structure, enhanced mechanical properties and excellent cellular attachment. Ceramics International, 2017, 43, 15747-15754.	4.8	26
22	Controlling metallic Co0 in ZIF-67-derived N-C/Co composite catalysts for efficient photocatalytic CO2 reduction. Science China Materials, 2022, 65, 413-421.	6.3	23
23	Enzymatic Reaction Generates Biomimic Nanominerals with Superior Bioactivity. Small, 2018, 14, e1804321.	10.0	21
24	Portable and writable photoluminescent chalk for on-site information protection on arbitrary substrates. Chemical Engineering Journal, 2019, 369, 766-774.	12.7	19
25	Lowâ€Cost and Scaledâ€Up Production of Fluorineâ€Free, Substrateâ€Independent, Largeâ€Area Superhydrophobic Coatings Based on Hydroxyapatite Nanowire Bundles. Chemistry - A European Journal, 2018, 24, 416-424.	3.3	18
26	Highly Dispersive Ni@C and Co@C Nanoparticles Derived from Metalâ€“Organic Monolayers for Enhanced Photocatalytic CO₂ Reduction. Inorganic Chemistry, 2021, 60, 10738-10748.	4.0	18
27	g-C3N4 microtubes@CoNiO2 nanosheets pâ€“n heterojunction with a hierarchical hollow structure for efficient photocatalytic CO2 reduction. Applied Surface Science, 2022, 579, 151997.	6.1	18
28	Graphene oxide/polyethyleneimine/hydroxyapatite nanowire composite paper: Unexpected mechanical robustness after fire attacking and fire alarm application. Composites Part A: Applied Science and Manufacturing, 2022, 160, 107061.	7.6	18
29	Inorganic Nanowires-Assembled Layered Paper as the Valve for Controlling Water Transportation. ACS Applied Materials & Interfaces, 2017, 9, 11045-11053.	8.0	13
30	Secret Paper with Vinegar as an Invisible Security Ink and Fire as a Decryption Key for Information Protection. Chemistry - A European Journal, 2019, 25, 10918-10925.	3.3	11
31	Upcycling of heavy metal adsorbents into sulfide semiconductors for photocatalytic CO2 reduction. Applied Surface Science, 2021, 558, 149647.	6.1	11
32	Antibacterial gluey silverâ€“calcium phosphate composites for dentine remineralization. Journal of Materials Chemistry B, 2018, 6, 4985-4994.	5.8	10
33	Improving luminescence and thermometric performance of Ba2CaWO6:Er3+ by tri-doping with Yb3+ and Na+. Journal of Rare Earths, 2023, 41, 42-50.	4.8	7
34	Utilizing an Oxygen-Rich Interface by Hydroxyapatite to Regulate the Linear Diffusion for the Stable Solid-State Electrolytes. ACS Applied Materials & Interfaces, 2022, 14, 33392-33399.	8.0	6
35	Amino-functionalized YF3:Eu3+ nanoparticles: A selective two-in-one fluorescent probe for Cr(III) and Cr(VI) detection. Journal of Luminescence, 2020, 226, 117440.	3.1	5