Bijiang Geng

List of Publications by Year
in descending order

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Version: 2024-02-01

27 papers	1,206 citations	430442 18 h-index	525886 27 g-index
27 all docs	27 docs citations	27 times ranked	1447 citing authors

#	Article	IF	Citations
1	NIR-responsive carbon dots for efficient photothermal cancer therapy at low power densities. Carbon, 2018, 134, 153-162.	5.4	175
2	A solvent-engineered molecule fusion strategy for rational synthesis of carbon quantum dots with multicolor bandgap fluorescence. Carbon, 2018, 130, 153-163.	5.4	132
3	Scalable synthesis of organic-soluble carbon quantum dots: superior optical properties in solvents, solids, and LEDs. Nanoscale, 2017, 9, 13195-13202.	2.8	117
4	Carbon dot/WS2 heterojunctions for NIR-II enhanced photothermal therapy of osteosarcoma and bone regeneration. Chemical Engineering Journal, 2020, 383, 123102.	6.6	82
5	Carbon Dot-Passivated Black Phosphorus Nanosheet Hybrids for Synergistic Cancer Therapy in the NIR-II Window. ACS Applied Materials & Interfaces, 2019, 11, 44949-44960.	4.0	73
6	Enriched graphitic N dopants of carbon dots as F cores mediate photothermal conversion in the NIR-II window with high efficiency. Carbon, 2020, 162, 220-233.	5.4	70
7	Industrial production of ultra-stable sulfonated graphene quantum dots for Golgi apparatus imaging. Journal of Materials Chemistry B, 2017, 5, 5355-5361.	2.9	68
8	Platinum Crosslinked Carbon Dot@TiO_{2â˜’}_x pâ€n Junctions for Relapseâ€Free Sonodynamic Tumor Eradication via Highâ€Yield ROS and GSH Depletion. Small, 2022, 18, e2103528.	5.2	61
9	Synthesis of graphene quantum dot/metalâ€“organic framework nanocomposites as yellow phosphors for white light-emitting diodes. New Journal of Chemistry, 2018, 42, 5083-5089.	1.4	56
10	Multifunctional carbon dot/MXene heterojunctions for alleviation of tumor hypoxia and enhanced sonodynamic therapy. Carbon, 2021, 179, 493-504.	5.4	54
11	Carbon dot-sensitized MoS₂ nanosheet heterojunctions as highly efficient NIR photothermal agents for complete tumor ablation at an ultralow laser exposure. Nanoscale, 2019, 11, 7209-7220.	2.8	44
12	W-Doped TiO₂ Nanorods for Multimode Tumor Eradication in Osteosarcoma Models under Single Ultrasound Irradiation. ACS Applied Materials & Interfaces, 2021, 13, 45325-45334.	4.0	38
13	Antibacterial and osteogenic carbon quantum dots for regeneration of bone defects infected with multidrug-resistant bacteria. Carbon, 2021, 184, 375-385.	5.4	35
14	Facile conversion of coal tar to orange fluorescent carbon quantum dots and their composite encapsulated by liposomes for bioimaging. New Journal of Chemistry, 2017, 41, 14444-14451.	1.4	30
15	Cu2-xO@TiO2-y Z-scheme heterojunctions for sonodynamic-chemodynamic combined tumor eradication. Chemical Engineering Journal, 2022, 435, 134777.	6.6	30
16	Surface charge-dependent osteogenic behaviors of edge-functionalized graphene quantum dots. Chemical Engineering Journal, 2021, 417, 128125.	6.6	25
17	Graphitic-N-doped graphene quantum dots for photothermal eradication of multidrug-resistant bacteria in the second near-infrared window. Journal of Materials Chemistry B, 2022, 10, 3357-3365.	2.9	21
18	Graphene quantum dots-induced physiological and biochemical responses in mung bean and tomato seedlings. Revista Brasileira De Botanica, 2019, 42, 29-41.	0.5	20

#	Article	IF	Citations
19	Hierarchical porous arrays of mesoporous Co3O4 nanosheets grown on graphene skin for high-rate and high-capacity energy storage. Journal of Alloys and Compounds, 2020, 820, 153296.	2.8	18
20	Agaric-like cobalt diselenide supported by carbon nanofiber as an efficient catalyst for hydrogen evolution reaction. Journal of Colloid and Interface Science, 2022, 610, 854-862.	5.0	15
21	A biodegradable p-n junction sonosensitizer for tumor microenvironment regulating sonodynamic tumor therapy. Chemical Engineering Journal, 2022, 446, 137320.	6.6	13
22	Multifunctional Carbon Dots for Trace Water Detection, White LEDs, and Bioimaging. ChemistrySelect, 2019, 4, 14162-14168.	0.7	11
23	A bionic strategy for addressing scale-span issues in all-carbon electrocatalytic systems. Electrochimica Acta, 2017, 245, 318-326.	2.6	6
24	DNA binding graphene quantum dots inhibit dual topoisomerases for cancer chemotherapy. Carbon, 2022, 187, 365-374.	5.4	6
25	A Two-Generation Reproductive Toxicity Study of Lanthanum Nitrate in SD Rats. Biological Trace Element Research, 2022, 200, 2268-2282.	1.9	4
26	Simple and Fast Synthesis of Ni/NiO-loaded Carbon Nanotubes for the Alkaline Hydrogen Evolution Reaction. Chemistry Letters, 2022, 51, 58-61.	0.7	1
27	Synergistic anti-tumor therapy by a homotypic cell membrane-cloaked biomimetic nanocarrier with exceptionally potent activity against hepatic carcinoma. Nano Research, 2022, 15, 8255-8269.	5.8	1