

# Bijiang Geng

## List of Publications by Year in descending order

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27  
papers

1,206  
citations

430874

18  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1447  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Two-Generation Reproductive Toxicity Study of Lanthanum Nitrate in SD Rats. Biological Trace Element Research, 2022, 200, 2268-2282.	3.5	4
2	DNA binding graphene quantum dots inhibit dual topoisomerases for cancer chemotherapy. Carbon, 2022, 187, 365-374.	10.3	6
3	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.	9.4	15
4	Simple and Fast Synthesis of Ni/NiO-loaded Carbon Nanotubes for the Alkaline Hydrogen Evolution Reaction. Chemistry Letters, 2022, 51, 58-61.	1.3	1
5	Platinum Crosslinked Carbon Dot@TiO <sub>2</sub> x p-n Junctions for Relapse-free Sonodynamic Tumor Eradication via High-yield ROS and GSH Depletion. Small, 2022, 18, e2103528.	10.0	61
6	Cu <sub>2</sub> -xO@TiO <sub>2</sub> -y Z-scheme heterojunctions for sonodynamic-chemodynamic combined tumor eradication. Chemical Engineering Journal, 2022, 435, 134777.	12.7	30
7	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.	5.8	21
8	A biodegradable p-n junction sonosensitizer for tumor microenvironment regulating sonodynamic tumor therapy. Chemical Engineering Journal, 2022, 446, 137320.	12.7	13
9	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.	10.4	1
10	Multifunctional carbon dot/MXene heterojunctions for alleviation of tumor hypoxia and enhanced sonodynamic therapy. Carbon, 2021, 179, 493-504.	10.3	54
11	Surface charge-dependent osteogenic behaviors of edge-functionalized graphene quantum dots. Chemical Engineering Journal, 2021, 417, 128125.	12.7	25
12	W-Doped TiO <sub>2</sub> Nanorods for Multimode Tumor Eradication in Osteosarcoma Models under Single Ultrasound Irradiation. ACS Applied Materials & Interfaces, 2021, 13, 45325-45334.	8.0	38
13	Antibacterial and osteogenic carbon quantum dots for regeneration of bone defects infected with multidrug-resistant bacteria. Carbon, 2021, 184, 375-385.	10.3	35
14	Carbon dot/WS <sub>2</sub> heterojunctions for NIR-II enhanced photothermal therapy of osteosarcoma and bone regeneration. Chemical Engineering Journal, 2020, 383, 123102.	12.7	82
15	Hierarchical porous arrays of mesoporous Co <sub>3</sub> O <sub>4</sub> nanosheets grown on graphene skin for high-rate and high-capacity energy storage. Journal of Alloys and Compounds, 2020, 820, 153296.	5.5	18
16	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.	10.3	70
17	Graphene quantum dots-induced physiological and biochemical responses in mung bean and tomato seedlings. Revista Brasileira De Botanica, 2019, 42, 29-41.	1.3	20
18	Carbon dot-sensitized MoS <sub>2</sub> nanosheet heterojunctions as highly efficient NIR photothermal agents for complete tumor ablation at an ultralow laser exposure. Nanoscale, 2019, 11, 7209-7220.	5.6	44

#	ARTICLE	IF	CITATIONS
19	Multifunctional Carbon Dots for Trace Water Detection, White LEDs, and Bioimaging. ChemistrySelect, 2019, 4, 14162-14168.	1.5	11
20	Carbon Dot-Passivated Black Phosphorus Nanosheet Hybrids for Synergistic Cancer Therapy in the NIR-II Window. ACS Applied Materials & Interfaces, 2019, 11, 44949-44960.	8.0	73
21	Synthesis of graphene quantum dot/metal-organic framework nanocomposites as yellow phosphors for white light-emitting diodes. New Journal of Chemistry, 2018, 42, 5083-5089.	2.8	56
22	A solvent-engineered molecule fusion strategy for rational synthesis of carbon quantum dots with multicolor bandgap fluorescence. Carbon, 2018, 130, 153-163.	10.3	132
23	NIR-responsive carbon dots for efficient photothermal cancer therapy at low power densities. Carbon, 2018, 134, 153-162.	10.3	175
24	Industrial production of ultra-stable sulfonated graphene quantum dots for Golgi apparatus imaging. Journal of Materials Chemistry B, 2017, 5, 5355-5361.	5.8	68
25	A bionic strategy for addressing scale-span issues in all-carbon electrocatalytic systems. Electrochimica Acta, 2017, 245, 318-326.	5.2	6
26	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.	2.8	30
27	Scalable synthesis of organic-soluble carbon quantum dots: superior optical properties in solvents, solids, and LEDs. Nanoscale, 2017, 9, 13195-13202.	5.6	117