

# Bijiang Geng

## List of Publications by Year in descending order

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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	A Two-Generation Reproductive Toxicity Study of Lanthanum Nitrate in SD Rats. <i>Biological Trace Element Research</i> , 2022, 200, 2268-2282.	1.9	4
2	DNA binding graphene quantum dots inhibit dual topoisomerases for cancer chemotherapy. <i>Carbon</i> , 2022, 187, 365-374.	5.4	6
3	Agaric-like cobalt diselenide supported by carbon nanofiber as an efficient catalyst for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 854-862.	5.0	15
4	Simple and Fast Synthesis of Ni/NiO-loaded Carbon Nanotubes for the Alkaline Hydrogen Evolution Reaction. <i>Chemistry Letters</i> , 2022, 51, 58-61.	0.7	1
5	Platinum Crosslinked Carbon Dot@TiO <sub>2</sub> Nanorods Junctions for Relapse-Free Sonodynamic Tumor Eradication via High-Yield ROS and GSH Depletion. <i>Small</i> , 2022, 18, e2103528.	5.2	61
6	Cu <sub>2</sub> -xO@TiO <sub>2</sub> -y Z-scheme heterojunctions for sonodynamic-chemodynamic combined tumor eradication. <i>Chemical Engineering Journal</i> , 2022, 435, 134777.	6.6	30
7	Graphitic-N-doped graphene quantum dots for photothermal eradication of multidrug-resistant bacteria in the second near-infrared window. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3357-3365.	2.9	21
8	A biodegradable p-n junction sonosensitizer for tumor microenvironment regulating sonodynamic tumor therapy. <i>Chemical Engineering Journal</i> , 2022, 446, 137320.	6.6	13
9	Synergistic anti-tumor therapy by a homotypic cell membrane-cloaked biomimetic nanocarrier with exceptionally potent activity against hepatic carcinoma. <i>Nano Research</i> , 2022, 15, 8255-8269.	5.8	1
10	Multifunctional carbon dot/MXene heterojunctions for alleviation of tumor hypoxia and enhanced sonodynamic therapy. <i>Carbon</i> , 2021, 179, 493-504.	5.4	54
11	Surface charge-dependent osteogenic behaviors of edge-functionalized graphene quantum dots. <i>Chemical Engineering Journal</i> , 2021, 417, 128125.	6.6	25
12	W-Doped TiO <sub>2</sub> Nanorods for Multimode Tumor Eradication in Osteosarcoma Models under Single Ultrasound Irradiation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 45325-45334.	4.0	38
13	Antibacterial and osteogenic carbon quantum dots for regeneration of bone defects infected with multidrug-resistant bacteria. <i>Carbon</i> , 2021, 184, 375-385.	5.4	35
14	Carbon dot/WS <sub>2</sub> heterojunctions for NIR-II enhanced photothermal therapy of osteosarcoma and bone regeneration. <i>Chemical Engineering Journal</i> , 2020, 383, 123102.	6.6	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. <i>Journal of Alloys and Compounds</i> , 2020, 820, 153296.	2.8	18
16	Enriched graphitic N dopants of carbon dots as F cores mediate photothermal conversion in the NIR-II window with high efficiency. <i>Carbon</i> , 2020, 162, 220-233.	5.4	70
17	Graphene quantum dots-induced physiological and biochemical responses in mung bean and tomato seedlings. <i>Revista Brasileira De Botanica</i> , 2019, 42, 29-41.	0.5	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. <i>Nanoscale</i> , 2019, 11, 7209-7220.	2.8	44

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19	Multifunctional Carbon Dots for Trace Water Detection, White LEDs, and Bioimaging. <i>ChemistrySelect</i> , 2019, 4, 14162-14168.	0.7	11
20	Carbon Dot-Passivated Black Phosphorus Nanosheet Hybrids for Synergistic Cancer Therapy in the NIR-II Window. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 44949-44960.	4.0	73
21	Synthesis of graphene quantum dot/metal-organic framework nanocomposites as yellow phosphors for white light-emitting diodes. <i>New Journal of Chemistry</i> , 2018, 42, 5083-5089.	1.4	56
22	A solvent-engineered molecule fusion strategy for rational synthesis of carbon quantum dots with multicolor bandgap fluorescence. <i>Carbon</i> , 2018, 130, 153-163.	5.4	132
23	NIR-responsive carbon dots for efficient photothermal cancer therapy at low power densities. <i>Carbon</i> , 2018, 134, 153-162.	5.4	175
24	Industrial production of ultra-stable sulfonated graphene quantum dots for Golgi apparatus imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5355-5361.	2.9	68
25	A bionic strategy for addressing scale-span issues in all-carbon electrocatalytic systems. <i>Electrochimica Acta</i> , 2017, 245, 318-326.	2.6	6
26	Facile conversion of coal tar to orange fluorescent carbon quantum dots and their composite encapsulated by liposomes for bioimaging. <i>New Journal of Chemistry</i> , 2017, 41, 14444-14451.	1.4	30
27	Scalable synthesis of organic-soluble carbon quantum dots: superior optical properties in solvents, solids, and LEDs. <i>Nanoscale</i> , 2017, 9, 13195-13202.	2.8	117