

Min Zheng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77
papers

6,500
citations

31
h-index

80
g-index

82
ext. papers

7,490
ext. citations

7.3
avg, IF

6.14
L-index

#	Paper	IF	Citations
77	Carbon dots embedded hydrogel spheres for sensing and removing rifampicin. <i>Dyes and Pigments</i> , 2022 , 198, 110023	4.6	2
76	Room temperature phosphorescent carbon dots for latent fingerprints detection and in vivo phosphorescence bioimaging. <i>Sensors and Actuators B: Chemical</i> , 2022 , 351, 130976	8.5	6
75	Exploring BODIPY derivatives as photosensitizers for antibacterial photodynamic therapy.. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022 , 102901	3.5	1
74	Chiral Carbon Dots-Enzyme Nanoreactors with Enhanced Catalytic Activity for Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 56456-56464	9.5	4
73	Carbon dots-based fluorescence and UV-vis absorption dual-modal sensors for Ag ⁺ and L-cysteine detection. <i>Dyes and Pigments</i> , 2021 , 187, 109126	4.6	13
72	Phenylboronic acid modified carbon dots for improved protein delivery. <i>Chemical Engineering Science</i> , 2021 , 237, 116586	4.4	1
71	Colour-tunable ultralong-lifetime room temperature phosphorescence with external heavy-atom effect in boron-doped carbon dots. <i>Chemical Engineering Journal</i> , 2021 , 420, 127647	14.7	30
70	An activatable fluorescent prodrug of paclitaxel and BODIPY. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 2308-2313	7.3	8
69	Controlled synthesis of spindle-shaped terylenediimide nanoparticles for enhanced tumor accumulation and treatment. <i>Chemical Engineering Journal</i> , 2021 , 419, 129552	14.7	1
68	Small nanoparticles bring big prospect: The synthesis, modification, photoluminescence and sensing applications of carbon dots. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	2
67	Near-Infrared absorbing J-Aggregates of boron dipyrromethene for high efficient photothermal therapy. <i>Journal of Colloid and Interface Science</i> , 2021 , 599, 476-483	9.3	6
66	Renal clearable Hafnium-doped carbon dots for CT/Fluorescence imaging of orthotopic liver cancer. <i>Biomaterials</i> , 2020 , 255, 120110	15.6	28
65	Carbon dots with concentration-modulated fluorescence: Aggregation-induced multicolor emission. <i>Journal of Colloid and Interface Science</i> , 2020 , 573, 241-249	9.3	32
64	Fluorescent nanoparticles with ultralow chromophore loading for long-term tumor-targeted imaging. <i>Acta Biomaterialia</i> , 2020 , 111, 398-405	10.8	7
63	Chiral carbon dots-based nanosensors for Sn(II) detection and lysine enantiomers recognition. <i>Sensors and Actuators B: Chemical</i> , 2020 , 319, 128265	8.5	23
62	Fluorine-Doped Carbon Dots with Intrinsic Nucleus-Targeting Ability for Drug and Dye Delivery. <i>Bioconjugate Chemistry</i> , 2020 , 31, 646-655	6.3	15
61	Carbon Dots Based Nanoscale Covalent Organic Frameworks for Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 2004680	15.6	39

60	Lysosome targeting carbon dots-based fluorescent probe for monitoring pH changes in vitro and in vivo. <i>Chemical Engineering Journal</i> , 2020 , 381, 122665	14.7	41
59	A convenient and universal platform for sensing environmental nitro-aromatic explosives based on amphiphilic carbon dots. <i>Environmental Research</i> , 2019 , 177, 108621	7.9	17
58	BODIPY@carbon dot nanocomposites for enhanced photodynamic activity. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1747-1753	7.8	27
57	A postmodification strategy to modulate the photoluminescence of carbon dots from blue to green and red: synthesis and applications. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 3840-3845	7.3	16
56	A carbon dots-based nanoprobe for intracellular Fe ³⁺ detection. <i>Materials Today Chemistry</i> , 2019 , 13, 121-127	6.2	18
55	Carrier-free core-shell nanodrugs for synergistic two-photon photodynamic therapy of cervical cancer. <i>Journal of Colloid and Interface Science</i> , 2019 , 535, 84-91	9.3	11
54	Hybrids of carbon dots with subunit B of ricin toxin for enhanced immunomodulatory activity. <i>Journal of Colloid and Interface Science</i> , 2018 , 523, 226-233	9.3	20
53	Near-infrared BODIPY-paclitaxel conjugates assembling organic nanoparticles for chemotherapy and bioimaging. <i>Journal of Colloid and Interface Science</i> , 2018 , 514, 584-591	9.3	11
52	Exploring the optimal ratio of d-glucose/l-aspartic acid for targeting carbon dots toward brain tumor cells. <i>Materials Science and Engineering C</i> , 2018 , 85, 1-6	8.3	24
51	Nanoscale metal-organic frameworks for drug delivery: a conventional platform with new promise. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 707-717	7.3	303
50	BODIPY-based carbon dots as fluorescent nanoprobe for sensing and imaging of extreme acidity. <i>Analytical Methods</i> , 2018 , 10, 1863-1869	3.2	8
49	Diketopyrrolopyrrole-based carbon dots for photodynamic therapy. <i>Nanoscale</i> , 2018 , 10, 10991-10998	7.7	69
48	Diketopyrrolopyrrole-based carbon dots for photodynamic therapy. <i>Nanoscale</i> , 2018 , 10, 10991-10998	7.7	1
47	Porphyrim-Based Carbon Dots for Photodynamic Therapy of Hepatoma. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1600924	10.1	86
46	Supramolecular hybrids of carbon dots with doxorubicin: synthesis, stability and cellular trafficking. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 354-360	7.8	40
45	Solvatochromic fluorescent carbon dots as optic noses for sensing volatile organic compounds. <i>RSC Advances</i> , 2016 , 6, 83501-83504	3.7	35
44	One-Pot To Synthesize Multifunctional Carbon Dots for Near Infrared Fluorescence Imaging and Photothermal Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 23533-41	9.5	188
43	Supramolecular Hybrids of AIEgen with Carbon Dots for Noninvasive Long-Term Bioimaging. <i>Chemistry of Materials</i> , 2016 , 28, 8825-8833	9.6	46

42	Hierarchically Structured Porous Nitrogen-Doped Carbon for Highly Selective CO ₂ Capture. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 298-304	8.3	76
41	Dopamine carbon nanodots as effective photothermal agents for cancer therapy. <i>RSC Advances</i> , 2016 , 6, 54087-54091	3.7	21
40	Co-assembled hybrids of proteins and carbon dots for intracellular protein delivery. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 5659-5663	7.3	32
39	Hierarchical TiO ₂ spheres decorated with Au nanoparticles for visible light hydrogen production. <i>RSC Advances</i> , 2015 , 5, 21237-21241	3.7	9
38	Photoluminescence: Three Colors Emission from S,N Co-doped Graphene Quantum Dots for Visible Light H ₂ Production and Bioimaging (Advanced Optical Materials 3/2015). <i>Advanced Optical Materials</i> , 2015 , 3, 359-359	8.1	4
37	One-Step Synthesis of Nanoscale Zeolitic Imidazolate Frameworks with High Curcumin Loading for Treatment of Cervical Cancer. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 22181-7	9.5	137
36	Self-Targeting Fluorescent Carbon Dots for Diagnosis of Brain Cancer Cells. <i>ACS Nano</i> , 2015 , 9, 11455-6116.7	16.7	334
35	Thiadiazole molecules and poly(ethylene glycol)-block-poly lactide self-assembled nanoparticles as effective photothermal agents. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 201-6	6	25
34	Preparation of highly luminescent and color tunable carbon nanodots under visible light excitation for in vitro and in vivo bio-imaging. <i>Journal of Materials Research</i> , 2015 , 30, 3386-3393	2.5	15
33	Tailoring color emissions from N-doped graphene quantum dots for bioimaging applications. <i>Light: Science and Applications</i> , 2015 , 4, e364-e364	16.7	308
32	Three Colors Emission from S,N Co-doped Graphene Quantum Dots for Visible Light H ₂ Production and Bioimaging. <i>Advanced Optical Materials</i> , 2015 , 3, 360-367	8.1	221
31	Mitochondria-Localized Fluorescent BODIPY-Platinum Conjugate. <i>ACS Medicinal Chemistry Letters</i> , 2015 , 6, 430-3	4.3	70
30	BODIPY fluorescent chemosensor for Cu ²⁺ detection and its applications in living cells: fast response and high sensitivity. <i>Journal of Fluorescence</i> , 2014 , 24, 841-6	2.4	20
29	Unadulterated BODIPY-dimer nanoparticles with high stability and good biocompatibility for cellular imaging. <i>Nanoscale</i> , 2014 , 6, 5662-5	7.7	43
28	Oxygen vacancy enhanced photocatalytic activity of perovskite SrTiO ₃ . <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 19184-90	9.5	437
27	Integrating oxaliplatin with highly luminescent carbon dots: an unprecedented theranostic agent for personalized medicine. <i>Advanced Materials</i> , 2014 , 26, 3554-60	24	415
26	Synthesis of cross-linked polymers via multi-component Passerini reaction and their application as efficient photocatalysts. <i>RSC Advances</i> , 2014 , 4, 25114-25117	3.7	14
25	Formation mechanism and optimization of highly luminescent N-doped graphene quantum dots. <i>Scientific Reports</i> , 2014 , 4, 5294	4.9	639

24	Fast response and high sensitivity europium metal organic framework fluorescent probe with chelating terpyridine sites for Fe ³⁺ . <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 1078-83	9.5	427
23	Highly luminescent S, N co-doped graphene quantum dots with broad visible absorption bands for visible light photocatalysts. <i>Nanoscale</i> , 2013 , 5, 12272-7	7.7	838
22	Separately doped upconversion-C60 nanoplatfom for NIR imaging-guided photodynamic therapy of cancer cells. <i>Chemical Communications</i> , 2013 , 49, 3224-6	5.8	74
21	On-off-on fluorescent carbon dot nanosensor for recognition of chromium(VI) and ascorbic acid based on the inner filter effect. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 13242-7	9.5	588
20	Core cross-linked micelle-based nanoreactors for efficient photocatalysis. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 2807-12	4.5	9
19	Orientated anatase TiO ₂ nanocrystal array thin films for self-cleaning coating. <i>Chemical Communications</i> , 2013 , 49, 8958-60	5.8	18
18	Phase control of hierarchically structured mesoporous anatase TiO ₂ microspheres covered with {001} facets. <i>Journal of Materials Chemistry</i> , 2012 , 22, 21965		63
17	Cavity-induced enantioselectivity reversal in a chiral metal-organic framework Brønsted acid catalyst. <i>Chemical Science</i> , 2012 , 3, 2623	9.4	104
16	Asymmetric Catalysis with Chiral Porous Metal-Organic Frameworks: Critical Issues. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 1701-1709	6.4	115
15	Why [6,6]- and 1,2-benzal-3-N-4-O-cyclic phenylimidate C60 undergo electrochemically induced retro-addition reactions while 1,4-dibenzyl-2,3-cyclic phenylimidate C60 does not? C-H...X (X = N, O) intramolecular interactions in organofullerenes. <i>Journal of Organic Chemistry</i> , 2009 , 74, 82-7	4.2	10
14	Synthesis and identification of heterocyclic derivatives of fullerene C60: unexpected reaction of anionic C60 with benzonitrile. <i>Journal of Organic Chemistry</i> , 2008 , 73, 3159-68	4.2	50
13	Electrosynthesis and characterization of 1,2-dibenzyl C60: a revisit. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2538-42	4.2	53
12	Negative differential resistance and memory effect in diodes based on 1,4-dibenzyl C60 and zinc phthalocyanine doped polystyrene hybrid material. <i>Inorganic Chemistry</i> , 2007 , 46, 341-4	5.1	16
11	The first synthesis of a water-soluble β-cyclodextrin/C60 supramolecular complex using anionic C60 as a building block. <i>Tetrahedron Letters</i> , 2006 , 47, 8571-8574	2	17
10	Photoinduced partial charge transfer between conjugated polymer and fullerene in solutions. <i>Applied Physics Letters</i> , 2004 , 84, 2980-2982	3.4	8
9	Light-emitting alternating copolymers and their intramolecular charge transfer state. <i>Polymers for Advanced Technologies</i> , 2003 , 14, 303-308	3.2	3
8	Carbazole-containing light-emitting polymers: Properties of excited states. <i>Science Bulletin</i> , 2003 , 48, 637-642	10.6	
7	Direct Evidence of Photoinduced Charge Transfer from Alternating Copolymer to Buckminsterfullerene. <i>Macromolecular Chemistry and Physics</i> , 2001 , 202, 1824-1828	2.6	7

6	Photoinduced Intramolecular Charge Separation at the Repetition Units of Light-Emitting Alternating Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2001 , 202, 2287-2292	2.6	8
5	Polyorganosiloxane-europium (III) host-guest inclusion system and its energy transfer luminescence. <i>Science in China Series B: Chemistry</i> , 1999 , 42, 351-356		3
4	New light emitting materials: Alternating copolymers with hole transport and emitting chromophores. <i>Journal of Applied Polymer Science</i> , 1999 , 74, 3351-3358	2.9	28
3	Synthesis and characterization of a high-efficiency light-emitting alternating copolymer. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 2587-2594	2.5	16
2	Photoluminescence of poly(1,4-phenylenevinylene) derivatives in solution and film. <i>Polymers for Advanced Technologies</i> , 1999 , 10, 476-480	3.2	13
1	The interaction between conjugated polymer and fullerenes. <i>Journal of Applied Polymer Science</i> , 1998 , 70, 599-603	2.9	33