Da Huo

List of Publications by Year
in descending order

44 papers	2,477 citations	214180 25 h-index	252864 41 g-index
46 all docs	46 docs citations	46 times ranked	3846 citing authors

#	Article	IF	Citations
1	METTL4-Mediated Mitochondrial DNA N6-Methyldeoxyadenosine Promoting Macrophage Inflammation and Atherosclerosis. Circulation, 2025, 151, 946-965.	19.4	1
2	Protein Coronation-Induced Cancer Staging-Dependent Multilevel Cytotoxicity: An All-Humanized Study in Blood Vessel Organoids. ACS Nano, 2025, 19, 345-368.	15.4	0
3	Emerging of Ultrafine Membraneless Organelles as the Missing Piece of Nanostress: Mechanism of Biogenesis and Implications at Multilevels. ACS Nano, 2025, 19, 5659-5679.	15.4	0
4	Epiâ€Endocytic Performance Engineering through Nanomaterials Coâ€Challenging: A Study of Mechanism and Implication in Radiotherapy. Advanced Functional Materials, 2024, 34, .	17.1	1
5	Combating Atherosclerosis with Chirality/Phase Dualâ€Engineered Nanozyme Featuring Microenvironmentâ€Programmed Senolytic and Senomorphic Actions. Advanced Materials, 2024, 36, .	24.7	2
6	Versatile Protein Coronation Approach with Multiple Depleted Serum for Creating Biocompatible, Precision Nanomedicine. Small, 2022, 18, .	11.6	4
7	Mechanistic Study of Seed-Mediated Growth of Gold Rhombic Dodecahedra. Journal of Physical Chemistry C, 2021, 125, 27394-27402.	3.2	6
8	Recent Advances in Nanostrategies Capable of Overcoming Biological Barriers for Tumor Management. Advanced Materials, 2020, 32, .	24.7	159
9	Phaseâ€Change Materials for Controlled Release and Related Applications. Advanced Materials, 2020, 32, .	24.7	169
10	Eradication of unresectable liver metastasis through induction of tumour specific energy depletion. Nature Communications, 2019, 10, .	14.1	57
11	Epitaxial growth of gold on silver nanoplates for imaging-guided photothermal therapy. Materials Science and Engineering C, 2019, 105, 110023.	5.8	23
12	Encapsulation of a Phaseâ€Change Material in Nanocapsules with a Wellâ€Defined Hole in the Wall for the Controlled Release of Drugs. Angewandte Chemie - International Edition, 2019, 58, 10606-10611.	15.0	120
13	Encapsulation of a Phaseâ€Change Material in Nanocapsules with a Wellâ€Defined Hole in the Wall for the Controlled Release of Drugs. Angewandte Chemie, 2019, 131, 10716-10721.	1.5	98
14	One-Dimensional Metal Nanostructures: From Colloidal Syntheses to Applications. Chemical Reviews, 2019, 119, 8972-9073.	54.6	275
15	Seed-Mediated Growth of Au Nanospheres into Hexagonal Stars and the Emergence of a Hexagonal Close-Packed Phase. Nano Letters, 2019, 19, 3115-3121.	8.8	48
16	Overcoming Hypoxia by Multistage Nanoparticle Delivery System to Inhibit Mitochondrial Respiration for Photodynamic Therapy. Advanced Functional Materials, 2019, 29, .	17.1	144
17	Nearâ€Infraredâ€Triggered Release of Ca²⁺ Ions for Potential Application in Combination Cancer Therapy. Advanced Healthcare Materials, 2019, 8, .	8.9	46
18	Combination cancer treatment through photothermally controlled release of selenous acid from gold nanocages. Biomaterials, 2018, 178, 517-526.	12.3	85

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19	Quantifying the Subâ€Cellular Distributions of Gold Nanospheres Taken Up by Cells through Stepwise, Siteâ€Selective Etching. Chemistry - A European Journal, 2018, 24, 8513-8518.	3.5	5
20	Site-selective growth of Ag nanocubes for sharpening their corners and edges, followed by elongation into nanobars through symmetry reduction. Journal of Materials Chemistry C, 2018, 6, 1384-1392.	5.1	30
21	Continuous processing of phase-change materials into uniform nanoparticles for near-infrared-triggered drug release. Nanoscale, 2018, 10, 22312-22318.	5.1	37
22	Enabling Complete Ligand Exchange on the Surface of Gold Nanocrystals through the Deposition and Then Etching of Silver. Journal of the American Chemical Society, 2018, 140, 11898-11901.	15.7	64
23	Facile synthesis of gold trisoctahedral nanocrystals with controllable sizes and dihedral angles. Nanoscale, 2018, 10, 11034-11042.	5.1	12
24	Long-term monitoring of tumor-related autophagy inÂvivo by Fe3O4NOÂ· nanoparticles. Biomaterials, 2018, 179, 186-198.	12.3	38
25	Successively activatable ultrasensitive probe for imaging tumour acidity and hypoxia. Nature Biomedical Engineering, 2017, 1, .	18.8	177
26	A Hybrid Nanomaterial for the Controlled Generation of Free Radicals and Oxidative Destruction of Hypoxic Cancer Cells. Angewandte Chemie - International Edition, 2017, 56, 8801-8804.	15.0	203
27	A Hybrid Nanomaterial for the Controlled Generation of Free Radicals and Oxidative Destruction of Hypoxic Cancer Cells. Angewandte Chemie, 2017, 129, 8927-8930.	1.5	19
28	RÃ¼cktitelbild: A Hybrid Nanomaterial for the Controlled Generation of Free Radicals and Oxidative Destruction of Hypoxic Cancer Cells (Angew. Chem. 30/2017). Angewandte Chemie, 2017, 129, 9030-9030.	1.5	0
29	Differentiation of Bone Marrow Stem Cells into Schwann Cells for the Promotion of Neurite Outgrowth on Electrospun Fibers. ACS Applied Materials & Interfaces, 2017, 9, 12299-12310.	8.1	68
30	A Eutectic Mixture of Natural Fatty Acids Can Serve as the Gating Material for Nearâ€Infraredâ€Triggered Drug Release. Advanced Materials, 2017, 29, .	24.7	183
31	Reconstitution of Lowâ€Density Lipoproteins with Fatty Acids for the Targeted Delivery of Drugs into Cancer Cells. Angewandte Chemie - International Edition, 2017, 56, 10399-10402.	15.0	46
32	Reconstitution of Lowâ€Density Lipoproteins with Fatty Acids for the Targeted Delivery of Drugs into Cancer Cells. Angewandte Chemie, 2017, 129, 10535-10538.	1.5	6
33	Anti-RhoJ antibody functionalized Au@I nanoparticles as CT-guided tumor vessel-targeting radiosensitizers in patient-derived tumor xenograft model. Biomaterials, 2017, 141, 1-12.	12.3	33
34	Facile Synthesis of ⁶⁴Cuâ€Doped Au Nanocages for Positron Emission Tomography Imaging. ChemNanoMat, 2017, 3, 44-50.	2.5	18
35	Targeted Delivery of Antiâ€miRâ€712 by VCAM1â€Binding Au Nanospheres for Atherosclerosis Therapy. ChemNanoMat, 2016, 2, 400-406.	2.5	19
36	Micropatterned Polymer Nanorod Forests and Their Use for Dual Drug Loading and Regulation of Cell Adhesion. ACS Applied Materials & Interfaces, 2016, 8, 34194-34197.	8.1	5

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37	Ultra-sensitive diagnosis of orthotopic patient derived hepatocellular carcinoma by Fe@graphene nanoparticles in MRI. RSC Advances, 2016, 6, 113919-113923.	4.5	30
38	Anti-Fas Antibody Conjugated Nanoparticles Enhancing the Antitumor Effect of Camptothecin by Activating the Fasâ€“FasL Apoptotic Pathway. ACS Applied Materials & Interfaces, 2016, 8, 29950-29959.	8.1	17
39	X-ray CT detection and photo ablation of metastatic positive lymph node with HER-2 targeting W 18 O 49 platform. Journal of Controlled Release, 2015, 213, e139.	11.3	0
40	Synthesis and application of strawberry-like Fe 3 O 4 -Au nanoparticles as CT-MR dual-modality contrast agents in accurate detection of the progressive liver disease. Biomaterials, 2015, 51, 194-207.	12.3	96
41	Doxorubicin loaded chitosanâ€“ZnO hybrid nanospheres combining cell imaging and cancer therapy. RSC Advances, 2015, 5, 60549-60551.	4.5	7
42	Fabrication of Au@Ag coreâ€“shell NPs as enhanced CT contrast agents with broad antibacterial properties. Colloids and Surfaces B: Biointerfaces, 2014, 117, 29-35.	5.4	34
43	X-ray CT guided fault-free photothermal ablation of metastatic lymph nodes with ultrafine HER-2 targeting W18O49 nanoparticles. Biomaterials, 2014, 35, 9155-9166.	12.3	53
44	X-ray CT and pneumonia inhibition properties of goldâ€“silver nanoparticles for targeting MRSA induced pneumonia. Biomaterials, 2014, 35, 7032-7041.	12.3	38