Dalong Ni

List of Publications by Year in Descending Order

89 papers	6,746 citations	38 h-index	82 g-index
96 ext. papers	8,304 ext. citations	14.7 avg, IF	6.11 L-index

#	Paper	IF	Citations
89	Nanostructured polyvinylpyrrolidone-curcumin conjugates allowed for kidney-targeted treatment of cisplatin induced acute kidney injury.. *Bioactive Materials*, **2023**, 19, 282-291	16.7	1
88	A novel antibacterial and antifouling nanocomposite coated endotracheal tube to prevent ventilator-associated pneumonia.. *Journal of Nanobiotechnology*, **2022**, 20, 112	9.4	0
87	High relaxivity Gd-based organic nanoparticles for efficient magnetic resonance angiography.. *Journal of Nanobiotechnology*, **2022**, 20, 170	9.4	0
86	Open-shell Nanosensitizers for Glutathione Responsive Cancer Sonodynamic Therapy.. *Advanced Materials*, **2022**, e2110283	24	8
85	Endogenous Copper for Nanocatalytic Oxidative Damage and Self-Protection Pathway Breakage of Cancer. *ACS Nano*, **2021**, 15, 16286-16297	16.7	8
84	Regulating water states by vacancies for cancer therapy. *Nano Today*, **2021**, 37, 101099	17.9	4
83	Antioxidant and C5a-blocking strategy for hepatic ischemia-reperfusion injury repair. *Journal of Nanobiotechnology*, **2021**, 19, 107	9.4	1
82	Ultrasmall Porous Silica Nanoparticles with Enhanced Pharmacokinetics for Cancer Theranostics. *Nano Letters*, **2021**, 21, 4692-4699	11.5	7
81	Wafer-scale heterostructured piezoelectric bio-organic thin films. *Science*, **2021**, 373, 337-342	33.3	33
80	Internally Responsive Nanomaterials for Activatable Multimodal Imaging of Cancer. *Advanced Healthcare Materials*, **2021**, 10, e2000690	10.1	9
79	Tumor chemical suffocation therapy by dual respiratory inhibitions. *Chemical Science*, **2021**, 12, 7763-7769	9.4	5
78	Long-term in vivo operation of implanted cardiac nanogenerators in swine. *Nano Energy*, **2021**, 90, 106507-106507	17.1	3
77	Second near-infrared photothermal-amplified immunotherapy using photoactivatable composite nanostimulators.. *Journal of Nanobiotechnology*, **2021**, 19, 433	9.4	5
76	Sulfoxide-Containing Polymer-Coated Nanoparticles Demonstrate Minimal Protein Fouling and Improved Blood Circulation. *Advanced Science*, **2020**, 7, 2000406	13.6	18
75	Efficient Gene Therapy of Pancreatic Cancer via a Peptide Nucleic Acid (PNA)-Loaded Layered Double Hydroxides (LDH) Nanoplatform. *Small*, **2020**, 16, e1907233	11	13
74	Y-Labeled Monoclonal Antibody Targeting Tissue Factor for Pancreatic Cancer Theranostics. *Molecular Pharmaceutics*, **2020**, 17, 1697-1705	5.6	12
73	Smart Tumor Microenvironment-Responsive Nanotheranostic Agent for Effective Cancer Therapy. *Advanced Functional Materials*, **2020**, 30, 2000486	15.6	21

72	Combined Magnetic Hyperthermia and Immune Therapy for Primary and Metastatic Tumor Treatments. *ACS Nano*, **2020**, 14, 1033-1044	16.7	90
71	Spatiotemporal Distribution of Agrin after Intrathecal Injection and Its Protective Role in Cerebral Ischemia/Reperfusion Injury. *Advanced Science*, **2020**, 7, 1902600	13.6	5
70	Alpha lipoic acid antagonizes cytotoxicity of cobalt nanoparticles by inhibiting ferroptosis-like cell death. *Journal of Nanobiotechnology*, **2020**, 18, 141	9.4	13
69	Nanomedicines for Renal Management: From Imaging to Treatment. *Accounts of Chemical Research*, **2020**, 53, 1869-1880	24.3	21
68	Tumor Immune Microenvironments (TIMEs): Responsive Nanoplatforms for Antitumor Immunotherapy. *Frontiers in Chemistry*, **2020**, 8, 804	5	4
67	study of enhanced photodynamic cancer cell killing effect by nanometer-thick gold nanosheets. *Nano Research*, **2020**, 13, 3217-3223	10	5
66	A Melanin-Based Natural Antioxidant Defense Nanosystem for Theranostic Application in Acute Kidney Injury. *Advanced Functional Materials*, **2019**, 29, 1904833	15.6	65
65	Aptamer-Conjugated Framework Nucleic Acids for the Repair of Cerebral Ischemia-Reperfusion Injury. *Nano Letters*, **2019**, 19, 7334-7341	11.5	31
64	Nanozyme: new horizons for responsive biomedical applications. *Chemical Society Reviews*, **2019**, 48, 3683-3704	58.5	568
63	Bovine serum albumin-templated nanoplatform for magnetic resonance imaging-guided chemodynamic therapy. *Journal of Nanobiotechnology*, **2019**, 17, 68	9.4	21
62	Multimodality Imaging Agents with PET as the Fundamental Pillar. *Angewandte Chemie - International Edition*, **2019**, 58, 2570-2579	16.4	40
61	Multimodale Kontrastmittel f□ die kombinierte Positronenemissionstomographie. *Angewandte Chemie*, **2019**, 131, 2592-2602	3.6	3
60	Ceria Nanoparticles Meet Hepatic Ischemia-Reperfusion Injury: The Perfect Imperfection. *Advanced Materials*, **2019**, 31, e1902956	24	76
59	Intrathecal Administration of Nanoclusters for Protecting Neurons against Oxidative Stress in Cerebral Ischemia/Reperfusion Injury. *ACS Nano*, **2019**, 13, 13382-13389	16.7	24
58	Smart HS-Triggered/Therapeutic System (SHTS)-Based Nanomedicine. *Advanced Science*, **2019**, 6, 1901724	13.6	33
57	A "Missile-Detonation" Strategy to Precisely Supply and Efficiently Amplify Cerenkov Radiation Energy for Cancer Theranostics. *Advanced Materials*, **2019**, 31, e1904894	24	14
56	Radionuklidaktivierte Nanomaterialien und ihre biomedizinische Anwendung. *Angewandte Chemie*, **2019**, 131, 13366-13387	3.6	2
55	Radionuclide-Activated Nanomaterials and Their Biomedical Applications. *Angewandte Chemie - International Edition*, **2019**, 58, 13232-13252	16.4	26

54	Novel nanomedicine with a chemical-exchange saturation transfer effect for breast cancer treatment in vivo. *Journal of Nanobiotechnology*, **2019**, 17, 123	9.4	10
53	Efficient renal clearance of DNA tetrahedron nanoparticles enables quantitative evaluation of kidney function. *Nano Research*, **2019**, 12, 637-642	10	24
52	Radiolabeling Silica-Based Nanoparticles via Coordination Chemistry: Basic Principles, Strategies, and Applications. *Accounts of Chemical Research*, **2018**, 51, 778-788	24.3	52
51	Radiolabeled polyoxometalate clusters: Kidney dysfunction evaluation and tumor diagnosis by positron emission tomography imaging. *Biomaterials*, **2018**, 171, 144-152	15.6	26
50	Reassembly of Zr-Labeled Cancer Cell Membranes into Multicompartment Membrane-Derived Liposomes for PET-Trackable Tumor-Targeted Theranostics. *Advanced Materials*, **2018**, 30, e1704934	24	63
49	Noninvasive Trafficking of Brentuximab Vedotin and PET Imaging of CD30 in Lung Cancer Murine Models. *Molecular Pharmaceutics*, **2018**, 15, 1627-1634	5.6	11
48	Efficient Uptake of Lu-Porphyrin-PEG Nanocomplexes by Tumor Mitochondria for Multimodal-Imaging-Guided Combination Therapy. *Angewandte Chemie - International Edition*, **2018**, 57, 218-222	16.4	75
47	Harness the Power of Upconversion Nanoparticles for Spectral Computed Tomography Diagnosis of Osteosarcoma. *Advanced Functional Materials*, **2018**, 28, 1802656	15.6	20
46	Fe-Au Nanoparticle-Coupling for Ultrasensitive Detections of Circulating Tumor DNA. *Advanced Materials*, **2018**, 30, e1801690	24	35
45	PET Imaging of Receptor Tyrosine Kinases in Cancer. *Molecular Cancer Therapeutics*, **2018**, 17, 1625-1636	6.1	27
44	Pyroelectric nanoplatform for NIR-II-triggered photothermal therapy with simultaneous pyroelectric dynamic therapy. *Materials Horizons*, **2018**, 5, 946-952	14.4	67
43	Exogenous Amino Acid-Loaded Nanovehicles: Stepping across Endogenous Magnetic Resonance Spectroscopy. *Advanced Healthcare Materials*, **2018**, 7, e1800317	10.1	2
42	In Vivo MR Imaging of Glioma Recruitment of Adoptive T-Cells Labeled with NaGdF -TAT Nanoprobes. *Small*, **2018**, 14, 1702951	11	16
41	Efficient Uptake of 177Lu-Porphyrin-PEG Nanocomplexes by Tumor Mitochondria for Multimodal-Imaging-Guided Combination Therapy. *Angewandte Chemie*, **2018**, 130, 224-228	3.6	9
40	DNA origami nanostructures can exhibit preferential renal uptake and alleviate acute kidney injury. *Nature Biomedical Engineering*, **2018**, 2, 865-877	19	184
39	Molybdenum-based nanoclusters act as antioxidants and ameliorate acute kidney injury in mice. *Nature Communications*, **2018**, 9, 5421	17.4	100
38	Effective Wound Healing Enabled by Discrete Alternative Electric Fields from Wearable Nanogenerators. *ACS Nano*, **2018**, 12, 12533-12540	16.7	137
37	Magnetic Targeting of Nanotheranostics Enhances Cerenkov Radiation-Induced Photodynamic Therapy. *Journal of the American Chemical Society*, **2018**, 140, 14971-14979	16.4	99

36	Scavenging of reactive oxygen and nitrogen species with nanomaterials. *Nano Research*, **2018**, 11, 4955-4984	12	120
35	Magnesium silicide nanoparticles as a deoxygenation agent for cancer starvation therapy. *Nature Nanotechnology*, **2017**, 12, 378-386	28.7	255
34	Targeting Upconversion Nanoprobes for Magnetic Resonance Imaging of Early Colon Cancer. *Particle and Particle Systems Characterization*, **2017**, 34, 1600393	3.1	4
33	Bioresponsive Polyoxometalate Cluster for Redox-Activated Photoacoustic Imaging-Guided Photothermal Cancer Therapy. *Nano Letters*, **2017**, 17, 3282-3289	11.5	107
32	Harnessing the Power of Nanotechnology for Enhanced Radiation Therapy. *ACS Nano*, **2017**, 11, 5233-5237	16.7	83
31	Oxygen Vacancy Enables Markedly Enhanced Magnetic Resonance Imaging-Guided Photothermal Therapy of a Gd-Doped Contrast Agent. *ACS Nano*, **2017**, 11, 4256-4264	16.7	71
30	Engineering of inorganic nanoparticles as magnetic resonance imaging contrast agents. *Chemical Society Reviews*, **2017**, 46, 7438-7468	58.5	250
29	Antiferromagnetic Pyrite as the Tumor Microenvironment-Mediated Nanoplatform for Self-Enhanced Tumor Imaging and Therapy. *Advanced Materials*, **2017**, 29, 1701683	24	337
28	Near infrared-assisted Fenton reaction for tumor-specific and mitochondrial DNA-targeted photochemotherapy. *Biomaterials*, **2017**, 141, 86-95	15.6	164
27	Engineering of Hybrid Upconversion Nanoparticles for Biodetection and Cancer Imaging **2017**, 192-220		
26	Upconversion nano-photosensitizer targeting into mitochondria for cancer apoptosis induction and cyt c fluorescence monitoring. *Nano Research*, **2016**, 9, 3257-3266	10	37
25	A Polyoxometalate Cluster Paradigm with Self-Adaptive Electronic Structure for Acidity/Reducibility-Specific Photothermal Conversion. *Journal of the American Chemical Society*, **2016**, 138, 8156-64	16.4	134
24	Synthesis of Iron Nanometallic Glasses and Their Application in Cancer Therapy by a Localized Fenton Reaction. *Angewandte Chemie - International Edition*, **2016**, 55, 2101-6	16.4	609
23	PEGylated NaHoF4 nanoparticles as contrast agents for both X-ray computed tomography and ultra-high field magnetic resonance imaging. *Biomaterials*, **2016**, 76, 218-25	15.6	68
22	Integrating Anatomic and Functional Dual-Mode Magnetic Resonance Imaging: Design and Applicability of a Bifunctional Contrast Agent. *ACS Nano*, **2016**, 10, 3783-90	16.7	37
21	Synthesis of Iron Nanometallic Glasses and Their Application in Cancer Therapy by a Localized Fenton Reaction. *Angewandte Chemie*, **2016**, 128, 2141-2146	3.6	85
20	High-Performance Upconversion Nanoprobes for Multimodal MR Imaging of Acute Ischemic Stroke. *Small*, **2016**, 12, 3591-600	11	22
19	Sensitive imaging and effective capture of Cu(2+): Towards highly efficient theranostics of Alzheimer's disease. *Biomaterials*, **2016**, 104, 158-67	15.6	52

18	Single W18O49 nanowires: A multifunctional nanoplatform for computed tomography imaging and photothermal/photodynamic/radiation synergistic cancer therapy. *Nano Research*, **2015**, 8, 3580-3590	10	87
17	Intranuclear biophotonics by smart design of nuclear-targeting photo-/radio-sensitizers co-loaded upconversion nanoparticles. *Biomaterials*, **2015**, 69, 89-98	15.6	68
16	BaHoF5 nanoprobes as high-performance contrast agents for multi-modal CT imaging of ischemic stroke. *Biomaterials*, **2015**, 71, 110-118	15.6	23
15	Marriage of Scintillator and Semiconductor for Synchronous Radiotherapy and Deep Photodynamic Therapy with Diminished Oxygen Dependence. *Angewandte Chemie*, **2015**, 127, 1790-1794	3.6	43
14	Marriage of scintillator and semiconductor for synchronous radiotherapy and deep photodynamic therapy with diminished oxygen dependence. *Angewandte Chemie - International Edition*, **2015**, 54, 1770-4	16.4	336
13	Innenrücktitelbild: X-ray Radiation-Controlled NO-Release for On-Demand Depth-Independent Hypoxic Radiosensitization (Angew. Chem. 47/2015). *Angewandte Chemie*, **2015**, 127, 14397-14397	3.6	
12	X-ray Radiation-Controlled NO-Release for On-Demand Depth-Independent Hypoxic Radiosensitization. *Angewandte Chemie - International Edition*, **2015**, 54, 14026-30	16.4	181
11	Hypoxia Induced by Upconversion-Based Photodynamic Therapy: Towards Highly Effective Synergistic Bioreductive Therapy in Tumors. *Angewandte Chemie*, **2015**, 127, 8223-8227	3.6	61
10	Hypoxia Induced by Upconversion-Based Photodynamic Therapy: Towards Highly Effective Synergistic Bioreductive Therapy in Tumors. *Angewandte Chemie - International Edition*, **2015**, 54, 8105-9	16.4	328
9	X-ray Radiation-Controlled NO-Release for On-Demand Depth-Independent Hypoxic Radiosensitization. *Angewandte Chemie*, **2015**, 127, 14232-14236	3.6	25
8	Dual-targeting upconversion nanoprobes across the blood-brain barrier for magnetic resonance/fluorescence imaging of intracranial glioblastoma. *ACS Nano*, **2014**, 8, 1231-42	16.7	243
7	Ultrasmall NaGdF4 nanodots for efficient MR angiography and atherosclerotic plaque imaging. *Advanced Materials*, **2014**, 26, 3867-72	24	138
6	A smart upconversion-based mesoporous silica nanotheranostic system for synergetic chemo-/radio-/photodynamic therapy and simultaneous MR/UCL imaging. *Biomaterials*, **2014**, 35, 8992-9002	15.6	214
5	Single Ho3+-Doped Upconversion Nanoparticles for High-Performance T2-Weighted Brain Tumor Diagnosis and MR/UCL/CT Multimodal Imaging. *Advanced Functional Materials*, **2014**, 24, 6613-6620	15.6	116
4	Brain Tumors: Single Ho3+-Doped Upconversion Nanoparticles for High-Performance T2-Weighted Brain Tumor Diagnosis and MR/UCL/CT Multimodal Imaging (Adv. Funct. Mater. 42/2014). *Advanced Functional Materials*, **2014**, 24, 6612-6612	15.6	3
3	Nanodots: Ultrasmall NaGdF4 Nanodots for Efficient MR Angiography and Atherosclerotic Plaque Imaging (Adv. Mater. 23/2014). *Advanced Materials*, **2014**, 26, 3980-3980	24	1
2	Rattle-structured multifunctional nanotheranostics for synergetic chemo-/radiotherapy and simultaneous magnetic/luminescent dual-mode imaging. *Journal of the American Chemical Society*, **2013**, 135, 6494-503	16.4	288
1	Dual-modality magnetic resonance/optical imaging-guided sonodynamic therapy of pancreatic cancer with metalorganic nanosonosensitizer. *Nano Research*,1	10	0