

Gang Liu

List of Publications by Year in descending order

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497
papers

58,084
citations

1094

112
h-index

1310

224
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507
all docs

507
docs citations

507
times ranked

51674
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-based nanoparticles for cardiovascular disease diagnosis and therapy. <i>Particuology</i> , 2023, 72, 94-111.	2.0	7
2	Cell membrane-encapsulated nanoparticles for vaccines and immunotherapy. <i>Particuology</i> , 2022, 64, 35-42.	2.0	15
3	Photo-assisted Cl doping of SnO ₂ electron transport layer for hysteresis-less perovskite solar cells with enhanced efficiency. <i>Rare Metals</i> , 2022, 41, 361-367.	3.6	10
4	Iron-doped NiS ₂ microcrystals with exposed {0 0 1} facets for electrocatalytic water oxidation. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 599-604.	5.0	15
5	Bioinspired membrane-based nanomodulators for immunotherapy of autoimmune and infectious diseases. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1126-1147.	5.7	12
6	Liquid embolic agents for interventional embolization. <i>ChemPhysMater</i> , 2022, 1, 39-50.	1.4	4
7	Engineering a Versatile Spectrally Selective Absorber for Moderate and Low Temperature Application with Gradient High Entropy Nitride Nanofilms. <i>Solar Rrl</i> , 2022, 6, 2100752.	3.1	10
8	Membrane fusion boosting drug transmembrane delivery. <i>Smart Materials in Medicine</i> , 2022, 3, 254-256.	3.7	3
9	Advanced radionuclides in diagnosis and therapy for hepatocellular carcinoma. <i>Chinese Chemical Letters</i> , 2022, 33, 3371-3383.	4.8	10
10	Nanotransferrin-Based Programmable Catalysis Mediates Three-Pronged Induction of Oxidative Stress to Enhance Cancer Immunotherapy. <i>ACS Nano</i> , 2022, 16, 997-1012.	7.3	58
11	Genetically Engineered Nanohyaluronidase Vesicles: A Smart Sonotheranostic Platform for Enhancing Cargo Penetration of Solid Tumors. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	17
12	Biomass-derived porous carbon with high drug adsorption capacity undergoes enzymatic and chemical degradation. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 87-96.	5.0	3
13	Application of Self-Assembly Nanoparticles Based on DVDMS for Fenton-Like Ion Delivery and Enhanced Sonodynamic Therapy. <i>Biosensors</i> , 2022, 12, 255.	2.3	6
14	Application and Perspectives of Supercritical Fluid Technology in the Nutraceutical Industry. <i>Advanced Sustainable Systems</i> , 2022, 6, .	2.7	4
15	Constructing Anatase-Brookite TiO ₂ Phase Junction by Thermal Topotactic Transition to Promote Charge Separation for Superior Photocatalytic H ₂ Generation. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 4244-4250.	2.1	9
16	Surface Oxygen Vacancies Confined by Ferroelectric Polarization for Tunable CO Oxidation Kinetics. <i>Advanced Materials</i> , 2022, 34, e2202072.	11.1	13
17	Ultrabroad wavelength absorption in high-temperature solar selective absorber coatings enabled by high-entropy nanoceramic AlTiZrHfNbN for high-performance solar-thermal conversion. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9266-9277.	2.7	3
18	Cell membrane-coated nanoparticles for the treatment of bacterial infection. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, .	3.3	16

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19	High-Entropy Alloy Nitride AlMo _{0.5} NbTa _{0.5} TiZrN _x -Based High-Temperature Solar Absorber Coating: Structure, Optical Properties, and Thermal Stability. ACS Applied Energy Materials, 2022, 5, 9214-9224.	2.5	5
20	Six-membered-ring inorganic materials: definition and prospects. National Science Review, 2021, 8, nwaa248.	4.6	14
21	Gain an advantage from both sides: Smart size-shrinkable drug delivery nanosystems for high accumulation and deep penetration. Nano Today, 2021, 36, 101038.	6.2	54
22	Multi-Responsive Bottlebrush-Like Unimolecules Self-Assembled Nano-Riceball for Synergistic Sono-Chemotherapy. Small Methods, 2021, 5, e2000416.	4.6	47
23	Stable and efficient solar-driven photoelectrochemical water splitting into H ₂ and O ₂ based on a BaTaO ₂ N photoanode decorated with CoO microflowers. Chemical Communications, 2021, 57, 4412-4415.	2.2	19
24	Potassium-incorporated manganese oxide enhances the activity and durability of platinum catalysts for low-temperature CO oxidation. Catalysis Science and Technology, 2021, 11, 6369-6373.	2.1	5
25	General and mild modification of food-derived extracellular vesicles for enhanced cell targeting. Nanoscale, 2021, 13, 3061-3069.	2.8	16
26	Ultrasound activated nanosensitizers for sonodynamic therapy and theranostics. Biomedical Materials (Bristol), 2021, 16, 022008.	1.7	21
27	Scalable and Ultrathin High-Temperature Solar Selective Absorbing Coatings Based on the High-Entropy Nanoceramic AlCrWTaNbTiN with High Photothermal Conversion Efficiency. Solar Rrl, 2021, 5, 2000790.	3.1	23
28	Nanometer-Thick High-Entropy Alloy Nitride Al _{0.4} Hf _{0.6} NbTaTiZrN-Based Solar Selective Absorber Coatings. ACS Applied Nano Materials, 2021, 4, 4504-4512.	2.4	13
29	Electron donation of non-oxide supports boosts O ₂ activation on nano-platinum catalysts. Nature Communications, 2021, 12, 2741.	5.8	72
30	Functional Biomaterials for Diagnosis and Therapeutics of Infectious Diseases. ACS Applied Bio Materials, 2021, 4, 3727-3728.	2.3	2
31	Exsolution of Iron Oxide on LaFeO ₃ Perovskite: A Robust Heterostructured Support for Constructing Self-Adjustable Pt-Based Room-Temperature CO Oxidation Catalysts. ACS Applied Materials & Interfaces, 2021, 13, 27029-27040.	4.0	15
32	Organic Sonosensitizers for Sonodynamic Therapy: From Small Molecules and Nanoparticles toward Clinical Development. Small, 2021, 17, e2101976.	5.2	105
33	Photoinduced Generation of Metastable Sulfur Vacancies Enhancing the Intrinsic Hydrogen Evolution Behavior of Semiconductors. Solar Rrl, 2021, 5, 2100580.	3.1	8
34	Genetically Engineered Cellular Membrane Vesicles as Tailorable Shells for Therapeutics. Advanced Science, 2021, 8, e2100460.	5.6	34
35	Artificial nanocage-based 3D framework platforms: From construction design to biomedical applications. Chemical Engineering Journal, 2021, 426, 131891.	6.6	5
36	Fluorine-mediated synthesis of anisotropic iron oxide nanostructures for efficient T ₂ -weighted magnetic resonance imaging. Nanoscale, 2021, 13, 7638-7647.	2.8	9

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37	Enhanced drug retention by anthracene crosslinked nanocomposites for bimodal imaging-guided phototherapy. <i>Nanoscale</i> , 2021, 13, 14713-14722.	2.8	8
38	Surface engineering of oncolytic adenovirus for a combination of immune checkpoint blockade and virotherapy. <i>Biomaterials Science</i> , 2021, 9, 7392-7401.	2.6	7
39	Activatable Second Near-Infrared Fluorescent Probes: A New Accurate Diagnosis Strategy for Diseases. <i>Biosensors</i> , 2021, 11, 436.	2.3	17
40	A Genetically Encoded Bioluminescent System for Fast and Highly Sensitive Detection of Antibodies with a Bright Green Fluorescent Protein. <i>ACS Nano</i> , 2021, , .	7.3	3
41	Engineering the surface of Gd ₂ O ₃ nanoplates for improved T1-weighted magnetic resonance imaging. <i>Chemical Engineering Journal</i> , 2020, 380, 122473.	6.6	20
42	Cyclooxygenase-2 modulates ER-mitochondria crosstalk to mediate superparamagnetic iron oxide nanoparticles induced hepatotoxicity: an <i>in vitro</i> and <i>in vivo</i> study. <i>Nanotoxicology</i> , 2020, 14, 162-180.	1.6	22
43	Oxidative stress-driven DR5 upregulation restores TRAIL/Apo2L sensitivity induced by iron oxide nanoparticles in colorectal cancer. <i>Biomaterials</i> , 2020, 233, 119753.	5.7	32
44	Three-dimensional label-free imaging of mammalian yolk sac vascular remodeling with optical resolution photoacoustic microscopy. <i>Photoacoustics</i> , 2020, 17, 100152.	4.4	12
45	Maltohexaose-based probes for bacteria-specific imaging: Great sensitivity, specificity and translational potential. <i>Chinese Chemical Letters</i> , 2020, 31, 1049-1050.	4.8	3
46	Metal-organic frameworks nanoswitch: Toward photo-controllable endo/lysosomal rupture and release for enhanced cancer RNA interference. <i>Nano Research</i> , 2020, 13, 238-245.	5.8	42
47	Photoacoustic reporter genes for noninvasive molecular imaging and theranostics. <i>Journal of Innovative Optical Health Sciences</i> , 2020, 13, 2030005.	0.5	4
48	Sonoactivated Nanoantimicrobials: A Potent Armament in the Postantibiotic Era. <i>ACS Applied Bio Materials</i> , 2020, 3, 7255-7264.	2.3	5
49	Near-Infrared-Activated Lysosome Pathway Death Induced by ROS Generated from Layered Double Hydroxide-Copper Sulfide Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40673-40683.	4.0	45
50	Bioinspired liquid gating membrane-based catheter with anticoagulation and positionally drug release properties. <i>Science Advances</i> , 2020, 6, .	4.7	36
51	Sonoactivated Chemodynamic Therapy: A Robust ROS Generation Nanotheranostic Eradicates Multidrug-Resistant Bacterial Infection. <i>Advanced Functional Materials</i> , 2020, 30, 2003587.	7.8	93
52	Cell membrane-derived biomimetic nanodecoys for viruses. <i>Science China Life Sciences</i> , 2020, 63, 1254-1256.	2.3	7
53	Multimodal Photoacoustic Imaging-Guided Regression of Corneal Neovascularization: A Non-Invasive and Safe Strategy. <i>Advanced Science</i> , 2020, 7, 2000346.	5.6	31
54	The blooming intersection of transcatheter hepatic artery chemoembolization and nanomedicine. <i>Chinese Chemical Letters</i> , 2020, 31, 1375-1381.	4.8	12

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55	Mimivirus Vesicle-Based Biological Orthogonal Reaction for Cancer Diagnosis. <i>Small Methods</i> , 2020, 4, 2000291.	4.6	19
56	Vesicular antibodies for immunotherapy: The blooming intersection of nanotechnology and biotechnology. <i>Nano Today</i> , 2020, 34, 100896.	6.2	7
57	Ultrasound-Switchable Nanozyme Augments Sonodynamic Therapy against Multidrug-Resistant Bacterial Infection. <i>ACS Nano</i> , 2020, 14, 2063-2076.	7.3	281
58	A Self-Assembled α -Synuclein Nanoscavenger for Parkinson's Disease. <i>ACS Nano</i> , 2020, 14, 1533-1549.	7.3	71
59	Synergism of Iron and Platinum Species for Low-Temperature CO Oxidation: From Two-Dimensional Surface to Nanoparticle and Single-Atom Catalysts. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2219-2229.	2.1	29
60	Photoacoustic Imaging-Trackable Magnetic Microswimmers for Pathogenic Bacterial Infection Treatment. <i>ACS Nano</i> , 2020, 14, 2880-2893.	7.3	155
61	Bio-engineered cell membrane nanovesicles as precision theranostics for perihilar cholangiocarcinoma. <i>Biomaterials Science</i> , 2020, 8, 1575-1579.	2.6	13
62	Ligand-assisted cation-exchange engineering for high-efficiency colloidal Cs _{1-x} Pb ₃ quantum dot solar cells with reduced phase segregation. <i>Nature Energy</i> , 2020, 5, 79-88.	19.8	412
63	Activatable Fluorescence Probes for Turn-On and Ratiometric Biosensing and Bioimaging: From NIR-I to NIR-II. <i>Bioconjugate Chemistry</i> , 2020, 31, 276-292.	1.8	140
64	TRAIL-expressing cell membrane nanovesicles as an anti-inflammatory platform for rheumatoid arthritis therapy. <i>Journal of Controlled Release</i> , 2020, 320, 304-313.	4.8	62
65	Gambogic acid augments black phosphorus quantum dots (BPQDs)-based synergistic chemo-photothermal therapy through downregulating heat shock protein expression. <i>Chemical Engineering Journal</i> , 2020, 390, 124312.	6.6	86
66	Lattice distortion induced internal electric field in TiO ₂ photoelectrode for efficient charge separation and transfer. <i>Nature Communications</i> , 2020, 11, 2129.	5.8	108
67	Pyridine-Embedded Phenothiazinium Dyes as Lysosome-Targeted Photosensitizers for Highly Efficient Photodynamic Antitumor Therapy. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4896-4907.	2.9	39
68	Rational engineering of ferritin nanocages for targeted therapy of osteoarthritis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 28, 102210.	1.7	15
69	A superstable homogeneous lipiodol-ICG formulation for locoregional hepatocellular carcinoma treatment. <i>Journal of Controlled Release</i> , 2020, 323, 635-643.	4.8	58
70	Nano-Medicine for Thrombosis: A Precise Diagnosis and Treatment Strategy. <i>Nano-Micro Letters</i> , 2020, 12, 96.	14.4	42
71	Advances and perspectives in near-infrared fluorescent organic probes for surgical oncology. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1635.	3.3	28
72	Melanin-Like Nanomaterials for Advanced Biomedical Applications: A Versatile Platform with Extraordinary Promise. <i>Advanced Science</i> , 2020, 7, 1903129.	5.6	113

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73	<i>In Situ</i> Formation of Nanotheranostics to Overcome the Blood–Brain Barrier and Enhance Treatment of Orthotopic Glioma. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26880-26892.	4.0	39
74	HIF-prolyl hydroxylase 2 silencing using siRNA delivered by MRI-visible nanoparticles improves therapy efficacy of transplanted EPCs for ischemic stroke. <i>Biomaterials</i> , 2019, 197, 229-243.	5.7	35
75	Hollow Nanostructures for Photocatalysis: Advantages and Challenges. <i>Advanced Materials</i> , 2019, 31, e1801369.	11.1	506
76	Increasing Solar Absorption of Atomically Thin 2D Carbon Nitride Sheets for Enhanced Visible–Light Photocatalysis. <i>Advanced Materials</i> , 2019, 31, e1807540.	11.1	166
77	Depth–Resolved Enhanced Spectral–Domain OCT Imaging of Live Mammalian Embryos Using Gold Nanoparticles as Contrast Agent. <i>Small</i> , 2019, 15, e1902346.	5.2	16
78	Pt/Al ₂ O ₃ with ultralow Pt-loading catalyze toluene oxidation: Promotional synergistic effect of Pt nanoparticles and Al ₂ O ₃ support. <i>Applied Catalysis B: Environmental</i> , 2019, 257, 117943.	10.8	101
79	Fe(III)–Porphyrin Sonotheranostics: A Green Triple–Regulated ROS Generation Nanoplatform for Enhanced Cancer Imaging and Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1904056.	7.8	111
80	Crystal phase effect of iron oxides on the aerobic oxidative coupling of alcohols and amines under mild conditions: A combined experimental and theoretical study. <i>Journal of Catalysis</i> , 2019, 377, 145-152.	3.1	37
81	Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal–Immunotherapy Efficiency of Solid Tumors. <i>Small</i> , 2019, 15, e1902636.	5.2	43
82	Enzyme-Catalytic Self-Triggered Release of Drugs from a Nanosystem for Efficient Delivery to Nuclei of Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 43581-43587.	4.0	18
83	Cartilage-targeting and dual MMP-13/pH responsive theranostic nanoprobe for osteoarthritis imaging and precision therapy. <i>Biomaterials</i> , 2019, 225, 119520.	5.7	92
84	Tumor-Microenvironment-Activatable Nanoreactor Based on a Polyprodrug for Multimodal-Imaging-Medicated Enhanced Cancer Chemo/Phototherapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40704-40715.	4.0	29
85	A single-step multi-level supramolecular system for cancer sonotheranostics. <i>Nanoscale Horizons</i> , 2019, 4, 190-195.	4.1	71
86	Surface-engineered multimodal magnetic nanoparticles to manage CNS diseases. <i>Drug Discovery Today</i> , 2019, 24, 873-882.	3.2	51
87	Editorial for rare metals, special issue on photocatalysis. <i>Rare Metals</i> , 2019, 38, 359-360.	3.6	6
88	Sono–Immunotherapeutic Nanocapturer to Combat Multidrug–Resistant Bacterial Infections. <i>Advanced Materials</i> , 2019, 31, e1902530.	11.1	161
89	Metal-Organic Framework Nanoparticle-Based Biomineralization: A New Strategy toward Cancer Treatment. <i>Theranostics</i> , 2019, 9, 3134-3149.	4.6	82
90	An Albumin Sandwich Enhances in Vivo Circulation and Stability of Metabolically Labile Peptides. <i>Bioconjugate Chemistry</i> , 2019, 30, 1711-1723.	1.8	13

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91	Gradient Sn-Doped Heteroepitaxial Film of Faceted Rutile TiO ₂ as an Electron Selective Layer for Efficient Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 19638-19646.	4.0	32
92	Agonist c-Met Monoclonal Antibody Augments the Proliferation of hiPSC-derived Hepatocyte-Like Cells and Improves Cell Transplantation Therapy for Liver Failure in Mice. Theranostics, 2019, 9, 2115-2128.	4.6	11
93	Environmentally responsive dual-targeting nanotheranostics for overcoming cancer multidrug resistance. Science Bulletin, 2019, 64, 705-714.	4.3	18
94	Vesicular Antibodies: A Bioactive Multifunctional Combination Platform for Targeted Therapeutic Delivery and Cancer Immunotherapy. Advanced Materials, 2019, 31, e1808294.	11.1	63
95	Monodisperse and Uniform Mesoporous Silicate Nanosensitizers Achieve Low-Dose X-Ray-Induced Deep-Penetrating Photodynamic Therapy. Advanced Materials, 2019, 31, e1808024.	11.1	106
96	Ferritin nanocage-based antigen delivery nanoplatfoms: epitope engineering for peptide vaccine design. Biomaterials Science, 2019, 7, 1794-1800.	2.6	23
97	Crystal Facet Engineering of Photoelectrodes for Photoelectrochemical Water Splitting. Chemical Reviews, 2019, 119, 5192-5247.	23.0	551
98	Genetically Engineered Cell Membrane Nanovesicles for Oncolytic Adenovirus Delivery: A Versatile Platform for Cancer Virotherapy. Nano Letters, 2019, 19, 2993-3001.	4.5	115
99	Triggering efficient photocatalytic water oxidation reactions over BaNbO ₂ N by incorporating Ca at B site. Journal of the American Ceramic Society, 2019, 102, 6194-6201.	1.9	10
100	Homogeneous Doping of Substitutional Nitrogen/Carbon in TiO ₂ Plates for Visible Light Photocatalytic Water Oxidation. Advanced Functional Materials, 2019, 29, 1901943.	7.8	61
101	Preparation of 3D ordered mesoporous anatase TiO ₂ and their photocatalytic activity. Rare Metals, 2019, 38, 453-458.	3.6	21
102	Successive modification of polydentate complexes gives access to planar carbon- and nitrogen-based ligands. Nature Communications, 2019, 10, 1488.	5.8	17
103	Zr doped mesoporous LaTaON ₂ for efficient photocatalytic water splitting. Journal of Materials Chemistry A, 2019, 7, 5702-5711.	5.2	58
104	Strategies for Modifying TiO ₂ Based Electron Transport Layers to Boost Perovskite Solar Cells. ACS Sustainable Chemistry and Engineering, 2019, 7, 4586-4618.	3.2	83
105	Collective excitation of plasmon-coupled Au-nanochain boosts photocatalytic hydrogen evolution of semiconductor. Nature Communications, 2019, 10, 4912.	5.8	157
106	Multifunctional Ferritin Nanoparticles as Theranostics for Imaging-Guided Tumor Phototherapy. Journal of Biomedical Nanotechnology, 2019, 15, 1546-1555.	0.5	15
107	Self-Luminescing Theranostic Nanoreactors with Intraparticle Relayed Energy Transfer for Tumor Microenvironment Activated Imaging and Photodynamic Therapy. Theranostics, 2019, 9, 20-33.	4.6	53
108	Zinc(II)-Dipicolylamine Coordination Nanotheranostics: Toward Synergistic Nanomedicine by Combined Photo/Gene Therapy. Angewandte Chemie - International Edition, 2019, 58, 269-272.	7.2	113

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109	Metal-Organic Framework-Based Stimuli-Responsive Systems for Drug Delivery. <i>Advanced Science</i> , 2019, 6, 1801526.	5.6	491
110	Synergism of Pt nanoparticles and iron oxide support for chemoselective hydrogenation of nitroarenes under mild conditions. <i>Chinese Journal of Catalysis</i> , 2019, 40, 214-222.	6.9	38
111	Mineral iron based self-assembling: bridging the small molecular drugs and transformative application. <i>Science Bulletin</i> , 2019, 64, 216-218.	4.3	6
112	Starburst Diblock Polyprodrugs: Reduction-Responsive Unimolecular Micelles with High Drug Loading and Robust Micellar Stability for Programmed Delivery of Anticancer Drugs. <i>Biomacromolecules</i> , 2019, 20, 1190-1202.	2.6	44
113	Bacteria-Responsive Nanoliposomes as Smart Sonotheranostics for Multidrug Resistant Bacterial Infections. <i>ACS Nano</i> , 2019, 13, 2427-2438.	7.3	123
114	Control of Spatially Homogeneous Distribution of Heteroatoms to Produce Red TiO ₂ Photocatalyst for Visible-Light Photocatalytic Water Splitting. <i>Chemistry - A European Journal</i> , 2019, 25, 1787-1794.	1.7	30
115	High-content analysis for mitophagy response to nanoparticles: A potential sensitive biomarker for nanosafety assessment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 15, 59-69.	1.7	21
116	Genetically Engineered Plasma Membrane Nanovesicles for Cancer-Targeted Nanotheranostics. <i>Methods in Molecular Biology</i> , 2019, 2054, 283-294.	0.4	5
117	Multifunctional Polymeric Carrier for Co-Delivery of MRI Contrast Agents and siRNA to Tumors. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 1764-1770.	0.5	12
118	Green Synthesized Nanomaterials as Theranostic Platforms for Cancer Treatment: Principles, Challenges and the Road Ahead. <i>Current Medicinal Chemistry</i> , 2019, 26, 1311-1327.	1.2	16
119	"Small metal, big impact" – The key role of mineral irons in self-assembled nano-medicine. <i>Chinese Science Bulletin</i> , 2019, 64, 881-882.	0.4	0
120	Low-Dose X-Ray Activation of W(VI)-Doped Persistent Luminescence Nanoparticles for Deep-Tissue Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1707496.	7.8	167
121	Noninvasive magnetic resonance/photoacoustic imaging for photothermal therapy response monitoring. <i>Nanoscale</i> , 2018, 10, 5864-5868.	2.8	25
122	Size-dependent superparamagnetic iron oxide nanoparticles dictate interleukin-1 β release from mouse bone marrow-derived macrophages. <i>Journal of Applied Toxicology</i> , 2018, 38, 978-986.	1.4	27
123	Oxidative coupling of alcohols and amines to an imine over Mg-Al acid-base bifunctional oxide catalysts. <i>Chinese Journal of Catalysis</i> , 2018, 39, 309-318.	6.9	18
124	2D Porous TiO ₂ Single-Crystalline Nanostructure Demonstrating High Photo-Electrochemical Water Splitting Performance. <i>Advanced Materials</i> , 2018, 30, e1705666.	11.1	176
125	Novel Intrapolymerization Doped Manganese-Eumelanin Coordination Nanocomposites with Ultrahigh Relaxivity and Their Application in Tumor Theranostics. <i>Advanced Science</i> , 2018, 5, 1800032.	5.6	43
126	Imaging Nano-Bio Interactions in the Kidney: Toward a Better Understanding of Nanoparticle Clearance. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3008-3010.	7.2	81

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127	Noninvasively Modifying Band Structures of Wide-Bandgap Metal Oxides to Boost Photocatalytic Activity. <i>Advanced Materials</i> , 2018, 30, e1706259.	11.1	48
128	<i>In situ</i> fabrication of two-dimensional g-C ₃ N ₄ /Ba ₅ Ta ₄ O ₁₅ nanosheet heterostructures with efficient charge separations and photocatalytic hydrogen evolution under visible light illumination. <i>Dalton Transactions</i> , 2018, 47, 4360-4367.	1.6	23
129	Fe ₃ O ₄ /ZnFe ₂ O ₄ micro/nanostructures and their heterogeneous efficient Fenton-like visible-light photocatalysis process. <i>New Journal of Chemistry</i> , 2018, 42, 3736-3747.	1.4	26
130	Eumelanin-Fe ₃ O ₄ hybrid nanoparticles for enhanced MR/PA imaging-assisted local photothermolysis. <i>Biomaterials Science</i> , 2018, 6, 586-595.	2.6	19
131	Genetically Engineered Liposome-like Nanovesicles as Active Targeted Transport Platform. <i>Advanced Materials</i> , 2018, 30, 1705350.	11.1	149
132	Polysaccharide-Based Controlled Release Systems for Therapeutics Delivery and Tissue Engineering: From Bench to Bedside. <i>Advanced Science</i> , 2018, 5, 1700513.	5.6	226
133	An Unusual Strong Visible-Light Absorption Band in Red Anatase TiO ₂ Photocatalyst Induced by Atomic Hydrogen-Occupied Oxygen Vacancies. <i>Advanced Materials</i> , 2018, 30, 1704479.	11.1	231
134	Chemotherapeutic Drug Based Metal-Organic Particles for Microvesicle-Mediated Deep Penetration and Programmable pH/NIR/Hypoxia Activated Cancer Photochemotherapy. <i>Advanced Science</i> , 2018, 5, 1700648.	5.6	60
135	Porous hollow palladium nanoplatform for imaging-guided trimodal chemo-, photothermal-, and radiotherapy. <i>Nano Research</i> , 2018, 11, 2796-2808.	5.8	41
136	Biomimetic synthesis of nanovesicles for targeted drug delivery. <i>Science Bulletin</i> , 2018, 63, 663-665.	4.3	12
137	Bildgebung von Nano-Bio-Interaktionen in der Niere: Für ein besseres Verständnis der Nanopartikel-Clearance. <i>Angewandte Chemie</i> , 2018, 130, 3060-3062.	1.6	0
138	Smart gold nanoparticle-stabilized ultrasound microbubbles as cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3235-3239.	2.9	20
139	Substitutional Carbon-Modified Anatase TiO ₂ Decahedral Plates Directly Derived from Titanium Oxalate Crystals via Topotactic Transition. <i>Advanced Materials</i> , 2018, 30, e1705999.	11.1	46
140	New BiVO ₄ Dual Photoanodes with Enriched Oxygen Vacancies for Efficient Solar-Driven Water Splitting. <i>Advanced Materials</i> , 2018, 30, e1800486.	11.1	414
141	Homogeneous boron doping in a TiO ₂ shell supported on a TiB ₂ core for enhanced photocatalytic water oxidation. <i>Chinese Journal of Catalysis</i> , 2018, 39, 431-437.	6.9	8
142	Maximizing the visible light photoelectrochemical activity of B/N-doped anatase TiO ₂ microspheres with exposed dominant {001} facets. <i>Science China Materials</i> , 2018, 61, 831-838.	3.5	22
143	Boosting efficiency and stability of perovskite solar cells with nickel phthalocyanine as a low-cost hole transporting layer material. <i>Journal of Materials Science and Technology</i> , 2018, 34, 1474-1480.	5.6	45
144	Improving the photocatalytic activity of graphitic carbon nitride by thermal treatment in a high-pressure hydrogen atmosphere. <i>Progress in Natural Science: Materials International</i> , 2018, 28, 183-188.	1.8	31

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145	NanoTRAILâ€œOncology: A Strategic Approach in Cancer Research and Therapy. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800053.	3.9	9
146	Near-Infrared Light-Triggered Polymeric Nanomicelles for Cancer Therapy and Imaging. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1928-1941.	2.6	34
147	Metalla-aromatic loaded magnetic nanoparticles for MRI/photoacoustic imaging-guided cancer phototherapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2528-2535.	2.9	42
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