

Gang Liu

List of Publications by Year in descending order

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497
papers

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citations

1094

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507
all docs

507
docs citations

507
times ranked

51674
citing authors

#	ARTICLE	IF	CITATIONS
1	Anatase TiO ₂ single crystals with a large percentage of reactive facets. <i>Nature</i> , 2008, 453, 638-641.	13.7	3,753
2	Graphene-Like Carbon Nitride Nanosheets for Improved Photocatalytic Activities. <i>Advanced Functional Materials</i> , 2012, 22, 4763-4770.	7.8	3,009
3	Unique Electronic Structure Induced High Photoreactivity of Sulfur-Doped Graphitic C ₃ N ₄ . <i>Journal of the American Chemical Society</i> , 2010, 132, 11642-11648.	6.6	1,856
4	Solvothermal Synthesis and Photoreactivity of Anatase TiO ₂ Nanosheets with Dominant {001} Facets. <i>Journal of the American Chemical Society</i> , 2009, 131, 4078-4083.	6.6	1,237
5	Titania-based photocatalysts' crystal growth, doping and heterostructuring. <i>Journal of Materials Chemistry</i> , 2010, 20, 831-843.	6.7	1,028
6	PEGylated WS ₂ Nanosheets as a Multifunctional Theranostic Agent for in vivo Dual-Modal CT/Photoacoustic Imaging Guided Photothermal Therapy. <i>Advanced Materials</i> , 2014, 26, 1886-1893.	11.1	1,002
7	Titanium Dioxide Crystals with Tailored Facets. <i>Chemical Reviews</i> , 2014, 114, 9559-9612.	23.0	922
8	Crystal facet engineering of semiconductor photocatalysts: motivations, advances and unique properties. <i>Chemical Communications</i> , 2011, 47, 6763.	2.2	867
9	An Amorphous Carbon Nitride Photocatalyst with Greatly Extended Visible-Light-Responsive Range for Photocatalytic Hydrogen Generation. <i>Advanced Materials</i> , 2015, 27, 4572-4577.	11.1	771
10	Recent advances in 2D materials for photocatalysis. <i>Nanoscale</i> , 2016, 8, 6904-6920.	2.8	680
11	Increasing the Visible Light Absorption of Graphitic Carbon Nitride (Melon) Photocatalysts by Homogeneous Self-Modification with Nitrogen Vacancies. <i>Advanced Materials</i> , 2014, 26, 8046-8052.	11.1	658
12	Battery Performance and Photocatalytic Activity of Mesoporous Anatase TiO ₂ Nanospheres/Graphene Composites by Template-Free Self-Assembly. <i>Advanced Functional Materials</i> , 2011, 21, 1717-1722.	7.8	601
13	Multifunctional Fe ₃ O ₄ @Polydopamine Core-Shell Nanocomposites for Intracellular mRNA Detection and Imaging-Guided Photothermal Therapy. <i>ACS Nano</i> , 2014, 8, 3876-3883.	7.3	599
14	Visible Light Responsive Nitrogen Doped Anatase TiO ₂ Sheets with Dominant {001} Facets Derived from TiN. <i>Journal of the American Chemical Society</i> , 2009, 131, 12868-12869.	6.6	570
15	Nitrogen Vacancy-Promoted Photocatalytic Activity of Graphitic Carbon Nitride. <i>Journal of Physical Chemistry C</i> , 2012, 116, 11013-11018.	1.5	570
16	Crystal Facet Engineering of Photoelectrodes for Photoelectrochemical Water Splitting. <i>Chemical Reviews</i> , 2019, 119, 5192-5247.	23.0	551
17	Surface-Engineered Magnetic Nanoparticle Platforms for Cancer Imaging and Therapy. <i>Accounts of Chemical Research</i> , 2011, 44, 883-892.	7.6	520
18	Selective Breaking of Hydrogen Bonds of Layered Carbon Nitride for Visible Light Photocatalysis. <i>Advanced Materials</i> , 2016, 28, 6471-6477.	11.1	507

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19	Hollow Nanostructures for Photocatalysis: Advantages and Challenges. <i>Advanced Materials</i> , 2019, 31, e1801369.	11.1	506
20	Metal-Organic Framework-Based Stimuli-Responsive Systems for Drug Delivery. <i>Advanced Science</i> , 2019, 6, 1801526.	5.6	491
21	Synergistic Effects of B/N Doping on the Visible-Light Photocatalytic Activity of Mesoporous TiO ₂ . <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4516-4520.	7.2	484
22	Enhanced photocatalytic hydrogen evolution by prolonging the lifetime of carriers in ZnO/CdS heterostructures. <i>Chemical Communications</i> , 2009, , 3452.	2.2	476
23	Applications and Potential Toxicity of Magnetic Iron Oxide Nanoparticles. <i>Small</i> , 2013, 9, 1533-1545.	5.2	456
24	Inorganic perovskite photocatalysts for solar energy utilization. <i>Chemical Society Reviews</i> , 2016, 45, 5951-5984.	18.7	434
25	±-Sulfur Crystals as a Visible-Light-Active Photocatalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 9070-9073.	6.6	422
26	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
27	Ligand-assisted cation-exchange engineering for high-efficiency colloidal Cs _{1-x} FaxPbI ₃ quantum dot solar cells with reduced phase segregation. <i>Nature Energy</i> , 2020, 5, 79-88.	19.8	412
28	Nanosized anatase TiO ₂ single crystals for enhanced photocatalytic activity. <i>Chemical Communications</i> , 2010, 46, 755-757.	2.2	403
29	Theranostic nanoplatfoms for simultaneous cancer imaging and therapy: current approaches and future perspectives. <i>Nanoscale</i> , 2012, 4, 330-342.	2.8	393
30	Core-Shell Pd@Au Nanoplates as Theranostic Agents for In Vivo Photoacoustic Imaging, CT Imaging, and Photothermal Therapy. <i>Advanced Materials</i> , 2014, 26, 8210-8216.	11.1	383
31	A red anatase TiO ₂ photocatalyst for solar energy conversion. <i>Energy and Environmental Science</i> , 2012, 5, 9603.	15.6	379
32	Cd-mesoporous ZnS core-shell particles for efficient and stable photocatalytic hydrogen evolution under visible light. <i>Energy and Environmental Science</i> , 2014, 7, 1895.	15.6	379
33	Development of non-precious metal oxygen-reduction catalysts for PEM fuel cells based on N-doped ordered porous carbon. <i>Applied Catalysis B: Environmental</i> , 2009, 93, 156-165.	10.8	376
34	Enhanced Photoactivity of Oxygen-Deficient Anatase TiO ₂ Sheets with Dominant {001} Facets. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21784-21788.	1.5	376
35	In vivo covalent cross-linking of photon-converted rare-earth nanostructures for tumour localization and theranostics. <i>Nature Communications</i> , 2016, 7, 10432.	5.8	376
36	Metal-Organic Framework-Based Nanomedicine Platforms for Drug Delivery and Molecular Imaging. <i>Small</i> , 2015, 11, 4806-4822.	5.2	375

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37	Crystal facet-dependent photocatalytic oxidation and reduction reactivity of monoclinic WO ₃ for solar energy conversion. <i>Journal of Materials Chemistry</i> , 2012, 22, 6746.	6.7	356
38	Organic-inorganic bismuth (III)-based material: A lead-free, air-stable and solution-processable light-absorber beyond organolead perovskites. <i>Nano Research</i> , 2016, 9, 692-702.	5.8	351
39	Size-Dependent Ag ₂ S Nanodots for Second Near-Infrared Fluorescence/Photoacoustics Imaging and Simultaneous Photothermal Therapy. <i>ACS Nano</i> , 2017, 11, 1848-1857.	7.3	351
40	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018, 61, 1503-1552.	4.2	336
41	Effect of Injection Routes on the Biodistribution, Clearance, and Tumor Uptake of Carbon Dots. <i>ACS Nano</i> , 2013, 7, 5684-5693.	7.3	332
42	Biomimetic Synthesis of Copper Sulfide-Ferritin Nanocages as Cancer Theranostics. <i>ACS Nano</i> , 2016, 10, 3453-3460.	7.3	328
43	Self-assembled CdS/Au/ZnO heterostructure induced by surface polar charges for efficient photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2773.	5.2	294
44	Facile synthesis of pentacle gold-copper alloy nanocrystals and their plasmonic and catalytic properties. <i>Nature Communications</i> , 2014, 5, 4327.	5.8	294
45	Band-to-Band Visible-Light Photon Excitation and Photoactivity Induced by Homogeneous Nitrogen Doping in Layered Titanates. <i>Chemistry of Materials</i> , 2009, 21, 1266-1274.	3.2	284
46	Ultrasound-Switchable Nanozyme Augments Sonodynamic Therapy against Multidrug-Resistant Bacterial Infection. <i>ACS Nano</i> , 2020, 14, 2063-2076.	7.3	281
47	High-sensitivity nanosensors for biomarker detection. <i>Chemical Society Reviews</i> , 2012, 41, 2641-2655.	18.7	278
48	Smart Albumin-Biomimetic Nanocomposites for Multimodal Imaging and Photothermal Tumor Ablation. <i>Advanced Materials</i> , 2015, 27, 3874-3882.	11.1	278
49	Engineering Phototheranostic Nanoscale Metal-Organic Frameworks for Multimodal Imaging-Guided Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 2040-2051.	4.0	278
50	Dual Cocatalysts Loaded Type I CdS/ZnS Core/Shell Nanocrystals as Effective and Stable Photocatalysts for H ₂ Evolution. <i>Journal of Physical Chemistry C</i> , 2013, 117, 11584-11591.	1.5	272
51	A Synergistically Enhanced T ₁ -T ₂ Dual-Modal Contrast Agent. <i>Advanced Materials</i> , 2012, 24, 6223-6228.	11.1	269
52	Co ₉ Se ₈ Nanoplates as a New Theranostic Platform for Photoacoustic/Magnetic Resonance Dual-Modal Imaging-Guided Chemo-Photothermal Combination Therapy. <i>Advanced Materials</i> , 2015, 27, 3285-3291.	11.1	265
53	Ultra-small Iron Oxide Doped Polypyrrole Nanoparticles for In Vivo Multimodal Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2014, 24, 1194-1201.	7.8	250
54	Ferritin Nanocages To Encapsulate and Deliver Photosensitizers for Efficient Photodynamic Therapy against Cancer. <i>ACS Nano</i> , 2013, 7, 6988-6996.	7.3	246

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55	Synergistic crystal facet engineering and structural control of WO ₃ films exhibiting unprecedented photoelectrochemical performance. <i>Nano Energy</i> , 2016, 24, 94-102.	8.2	243
56	Visible Light Photocatalyst: Iodine-Doped Mesoporous Titania with a Bicrystalline Framework. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20823-20828.	1.2	236
57	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
58	Stable photocatalytic hydrogen evolution from water over ZnO@CdS core-shell nanorods. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 8199-8205.	3.8	229
59	g-C ₃ N ₄ coated SrTiO ₃ as an efficient photocatalyst for H ₂ production in aqueous solution under visible light irradiation. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 13501-13507.	3.8	226
60	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
61	FeSe ₂ -Decorated Bi ₂ Se ₃ Nanosheets Fabricated via Cation Exchange for Chelator-Free ⁶⁴ Cu Labeling and Multimodal Image-Guided Photothermal Radiation Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 2185-2197.	7.8	225
62	Tumor Microenvironment-Triggered Supramolecular System as an In Situ Nanotheranostic Generator for Cancer Phototherapy. <i>Advanced Materials</i> , 2017, 29, 1605928.	11.1	222
63	Tumor Vasculature Targeted Photodynamic Therapy for Enhanced Delivery of Nanoparticles. <i>ACS Nano</i> , 2014, 8, 6004-6013.	7.3	218
64	PEGylated Prussian blue nanocubes as a theranostic agent for simultaneous cancer imaging and photothermal therapy. <i>Biomaterials</i> , 2014, 35, 9844-9852.	5.7	210
65	Dual imaging-guided photothermal/photodynamic therapy using micelles. <i>Biomaterials</i> , 2014, 35, 4656-4666.	5.7	210
66	Synthesis of anatase TiO ₂ rods with dominant reactive {010} facets for the photoreduction of CO ₂ to CH ₄ and use in dye-sensitized solar cells. <i>Chemical Communications</i> , 2011, 47, 8361.	2.2	196
67	HSA Coated Iron Oxide Nanoparticles as Drug Delivery Vehicles for Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2011, 8, 1669-1676.	2.3	195
68	Single crystal CdS nanowires with high visible-light photocatalytic H ₂ -production performance. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10927.	5.2	193
69	Novel Boron Nitride Hollow Nanoribbons. <i>ACS Nano</i> , 2008, 2, 2183-2191.	7.3	192
70	Switching the selectivity of the photoreduction reaction of carbon dioxide by controlling the band structure of a g-C ₃ N ₄ photocatalyst. <i>Chemical Communications</i> , 2014, 50, 10837.	2.2	192
71	ZnO@CdS Heterostructure for Effective Photocatalytic Hydrogen Generation. <i>Advanced Energy Materials</i> , 2012, 2, 42-46.	10.2	191
72	Ultra-thin anatase TiO ₂ nanosheets dominated with {001} facets: thickness-controlled synthesis, growth mechanism and water-splitting properties. <i>CrystEngComm</i> , 2011, 13, 1378-1383.	1.3	189

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73	Biocompatible Dâ€A Semiconducting Polymer Nanoparticle with Lightâ€Harvesting Unit for Highly Effective Photoacoustic Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2017, 27, 1605094.	7.8	188
74	Enhanced Photocatalytic H ₂ Production in Coreâ€Shell Engineered Rutile TiO ₂ . <i>Advanced Materials</i> , 2016, 28, 5850-5856.	11.1	183
75	Complete oxidation of formaldehyde at ambient temperature over supported Pt/Fe ₂ O ₃ catalysts prepared by colloid-deposition method. <i>Journal of Hazardous Materials</i> , 2011, 186, 1392-1397.	6.5	181
76	Tumor Microenvironment-Responsive Ultrasmall Nanodrug Generators with Enhanced Tumor Delivery and Penetration. <i>Journal of the American Chemical Society</i> , 2018, 140, 14980-14989.	6.6	180
77	Amorphous TiO ₂ nanotube arrays for low-temperature oxygen sensors. <i>Nanotechnology</i> , 2008, 19, 405504.	1.3	178
78	Unique physicochemical properties of two-dimensional light absorbers facilitating photocatalysis. <i>Chemical Society Reviews</i> , 2018, 47, 6410-6444.	18.7	178
79	2D Porous TiO ₂ Singleâ€Crystalline Nanostructure Demonstrating High Photoâ€Electrochemical Water Splitting Performance. <i>Advanced Materials</i> , 2018, 30, e1705666.	11.1	176
80	High Performance Photoluminescent Carbon Dots for In Vitro and In Vivo Bioimaging: Effect of Nitrogen Doping Ratios. <i>Langmuir</i> , 2015, 31, 8063-8073.	1.6	175
81	Hollow Anatase TiO ₂ Single Crystals and Mesocrystals with Dominant {101} Facets for Improved Photocatalysis Activity and Tuned Reaction Preference. <i>ACS Catalysis</i> , 2012, 2, 1854-1859.	5.5	172
82	Lowâ€Dose Xâ€Ray Activation of W(VI)-Doped Persistent Luminescence Nanoparticles for Deepâ€Tissue Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1707496.	7.8	167
83	Increasing Solar Absorption of Atomically Thin 2D Carbon Nitride Sheets for Enhanced Visibleâ€Light Photocatalysis. <i>Advanced Materials</i> , 2019, 31, e1807540.	11.1	166
84	Sonoâ€Immuno-therapeutic Nanocapturer to Combat Multidrugâ€Resistant Bacterial Infections. <i>Advanced Materials</i> , 2019, 31, e1902530.	11.1	161
85	In Vivo Volumetric Photoacoustic Molecular Angiography and Therapeutic Monitoring with Targeted Plasmonic Nanostars. <i>Small</i> , 2014, 10, 1585-1593.	5.2	157
86	Impact of Semiconducting Perylene Diimide Nanoparticle Size on Lymph Node Mapping and Cancer Imaging. <i>ACS Nano</i> , 2017, 11, 4247-4255.	7.3	157
87	Collective excitation of plasmon-coupled Au-nanochain boosts photocatalytic hydrogen evolution of semiconductor. <i>Nature Communications</i> , 2019, 10, 4912.	5.8	157
88	Photoacoustic Imaging-Trackable Magnetic Microswimmers for Pathogenic Bacterial Infection Treatment. <i>ACS Nano</i> , 2020, 14, 2880-2893.	7.3	155
89	Enhancing Charge Separation in Metallic Photocatalysts: A Case Study of the Conducting Molybdenum Dioxide. <i>Advanced Functional Materials</i> , 2016, 26, 4445-4455.	7.8	154
90	Monoclinic dibismuth tetraoxide: A new visible-light-driven photocatalyst for environmental remediation. <i>Applied Catalysis B: Environmental</i> , 2015, 176-177, 444-453.	10.8	153

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91	Genetically Engineered Liposome-like Nanovesicles as Active Targeted Transport Platform. <i>Advanced Materials</i> , 2018, 30, 1705350.	11.1	149
92	Polar interface-induced improvement in high photocatalytic hydrogen evolution over ZnO/CdS heterostructures. <i>Energy and Environmental Science</i> , 2011, 4, 3976.	15.6	147
93	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
94	Functional nanoparticles for molecular imaging guided gene delivery. <i>Nano Today</i> , 2010, 5, 524-539.	6.2	136
95	CD44v6 Monoclonal Antibody-Conjugated Gold Nanostars for Targeted Photoacoustic Imaging and Plasmonic Photothermal Therapy of Gastric Cancer Stem-like Cells. <i>Theranostics</i> , 2015, 5, 970-984.	4.6	135
96	Rational Design and Synthesis of $\text{Fe}_2\text{O}_3/\text{Au}$ Magnetic Gold Nanoflowers for Efficient Cancer Theranostics. <i>Advanced Materials</i> , 2015, 27, 5049-5056.	11.1	135
97	Gadolinium-Encapsulated Graphene Carbon Nanotheranostics for Imaging-Guided Photodynamic Therapy. <i>Advanced Materials</i> , 2018, 30, e1802748.	11.1	135
98	Heteroatom-Modulated Switching of Photocatalytic Hydrogen and Oxygen Evolution Preferences of Anatase TiO_2 Microspheres. <i>Advanced Functional Materials</i> , 2012, 22, 3233-3238.	7.8	128
99	Serum Amino Acids Profile and the Beneficial Effects of L-Arginine or L-Glutamine Supplementation in Dextran Sulfate Sodium Colitis. <i>PLoS ONE</i> , 2014, 9, e88335.	1.1	128
100	Electron field emission of a nitrogen-doped TiO_2 nanotube array. <i>Nanotechnology</i> , 2008, 19, 025606.	1.3	127
101	Iodine doped anatase TiO_2 photocatalyst with ultra-long visible light response: correlation between geometric/electronic structures and mechanisms. <i>Journal of Materials Chemistry</i> , 2009, 19, 2822.	6.7	127
102	Low molecular weight alkyl-polycation wrapped magnetite nanoparticle clusters as MRI probes for stem cell labeling and in vivo imaging. <i>Biomaterials</i> , 2011, 32, 528-537.	5.7	126
103	Effects of oxygen vacancies on the electrochemical performance of tin oxide. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1536-1539.	5.2	125
104	Acetylcholinesterase-Catalyzed Hydrolysis Allows Ultrasensitive Detection of Pathogens with the Naked Eye. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14065-14069.	7.2	123
105	Bacteria-Responsive Nanoliposomes as Smart Sonotheranostics for Multidrug Resistant Bacterial Infections. <i>ACS Nano</i> , 2019, 13, 2427-2438.	7.3	123
106	Remote Regulation of Membrane Channel Activity by Site-Specific Localization of Lanthanide-Doped Upconversion Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3031-3035.	7.2	121
107	Tantalum (oxy)nitride based photoanodes for solar-driven water oxidation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2783-2800.	5.2	120
108	Enhancement of visible-light-driven O_2 evolution from water oxidation on WO_3 treated with hydrogen. <i>Journal of Catalysis</i> , 2013, 307, 148-152.	3.1	118

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109	Virus-mimetic nanovesicles as a versatile antigen-delivery system. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6129-38.	3.3	118
110	Efficient Promotion of Anatase TiO ₂ Photocatalysis via Bifunctional Surface-Terminating Ti ^{IV} O ^{IV} B ^{IV} N Structures. Journal of Physical Chemistry C, 2009, 113, 12317-12324.	1.5	115
111	Dye-enhanced graphene oxide for photothermal therapy and photoacoustic imaging. Journal of Materials Chemistry B, 2013, 1, 5762.	2.9	115
112	Template-free synthesis of Ta ₃ N ₅ nanorod arrays for efficient photoelectrochemical water splitting. Chemical Communications, 2013, 49, 3019.	2.2	115
113	Genetically Engineered Cell Membrane Nanovesicles for Oncolytic Adenovirus Delivery: A Versatile Platform for Cancer Virotherapy. Nano Letters, 2019, 19, 2993-3001.	4.5	115
114	Catalytic oxidation of formaldehyde over different silica supported platinum catalysts. Chemical Engineering Journal, 2013, 215-216, 1-6.	6.6	114
115	Light irradiation-assisted synthesis of ZnO@CdS/reduced graphene oxide heterostructured sheets for efficient photocatalytic H ₂ evolution. Chemical Communications, 2014, 50, 3460.	2.2	114
116	Artificial local magnetic field inhomogeneity enhances T ₂ relaxivity. Nature Communications, 2017, 8, 15468.	5.8	114
117	Zinc(II)-Dipicolylamine Coordination Nanotheranostics: Toward Synergistic Nanomedicine by Combined Photo/Gene Therapy. Angewandte Chemie - International Edition, 2019, 58, 269-272.	7.2	113
118	Melanin-Like Nanomaterials for Advanced Biomedical Applications: A Versatile Platform with Extraordinary Promise. Advanced Science, 2020, 7, 1903129.	5.6	113
119	Synthesis of rutile-anatase core-shell structured TiO ₂ for photocatalysis. Journal of Materials Chemistry, 2009, 19, 6590.	6.7	112
120	Sulfur doped anatase TiO ₂ single crystals with a high percentage of {0 0 1} facets. Journal of Colloid and Interface Science, 2010, 349, 477-483.	5.0	112
121	Effect of dietary arginine supplementation on reproductive performance of mice with porcine circovirus type 2 infection. Amino Acids, 2012, 42, 2089-2094.	1.2	112
122	Fe(III)-Porphyrin Sonotheranostics: A Green Triple-Regulated ROS Generation Nanoplatform for Enhanced Cancer Imaging and Therapy. Advanced Functional Materials, 2019, 29, 1904056.	7.8	111
123	Lattice distortion induced internal electric field in TiO ₂ photoelectrode for efficient charge separation and transfer. Nature Communications, 2020, 11, 2129.	5.8	108
124	TiO ₂ films with oriented anatase {001} facets and their photoelectrochemical behavior as CdS nanoparticle sensitized photoanodes. Journal of Materials Chemistry, 2011, 21, 869-873.	6.7	107
125	Near-Infrared-Absorbing Gold Nanopopcorns with Iron Oxide Cluster Core for Magnetically Amplified Photothermal and Photodynamic Cancer Therapy. ACS Applied Materials & Interfaces, 2015, 7, 11637-11647.	4.0	107
126	Inorganic Nanocarriers Overcoming Multidrug Resistance for Cancer Theranostics. Advanced Science, 2016, 3, 1600134.	5.6	107

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127	Hollow CaTiO ₃ cubes modified by La/Cr co-doping for efficient photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2018, 225, 139-147.	10.8	106
128	Monodisperse and Uniform Mesoporous Silicate Nanosensitizers Achieve Low-Dose X-Ray-Induced Deep-Penetrating Photodynamic Therapy. <i>Advanced Materials</i> , 2019, 31, e1808024.	11.1	106
129	Organic Sonosensitizers for Sonodynamic Therapy: From Small Molecules and Nanoparticles toward Clinical Development. <i>Small</i> , 2021, 17, e2101976.	5.2	105
130	The role of crystal phase in determining photocatalytic activity of nitrogen doped TiO ₂ . <i>Journal of Colloid and Interface Science</i> , 2009, 329, 331-338.	5.0	104
131	N-Alkyl-PEI-Functionalized Iron Oxide Nanoclusters for Efficient siRNA Delivery. <i>Small</i> , 2011, 7, 2742-2749.	5.2	104
132	Highly Efficient Hierarchical Micelles Integrating Photothermal Therapy and Singlet Oxygen-Synergized Chemotherapy for Cancer Eradication. <i>Theranostics</i> , 2014, 4, 399-411.	4.6	103
133	Imaging-guided delivery of RNAi for anticancer treatment. <i>Advanced Drug Delivery Reviews</i> , 2016, 104, 44-60.	6.6	102
134	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
135	Selective deposition of redox co-catalyst(s) to improve the photocatalytic activity of single-domain ferroelectric PbTiO ₃ nanoplates. <i>Chemical Communications</i> , 2014, 50, 10416.	2.2	100
136	Hollow iron oxide nanoparticles as multidrug resistant drug delivery and imaging vehicles. <i>Nano Research</i> , 2013, 6, 1-9.	5.8	99
137	Visible-Light-Responsive β -Rhombohedral Boron Photocatalysts. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6242-6245.	7.2	99
138	Stabilizing Two Classical Antiaromatic Frameworks: Demonstration of Photoacoustic Imaging and the Photothermal Effect in Metallaromatics. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6181-6185.	7.2	99
139	Application of iron oxide nanoparticles in glioma imaging and therapy: from bench to bedside. <i>Nanoscale</i> , 2016, 8, 7808-7826.	2.8	99
140	Manipulating the Power of an Additional Phase: A Flower-like Au ³⁺ Fe ₃ O ₄ Optical Nanosensor for Imaging Protease Expressions <i>in vivo</i> . <i>ACS Nano</i> , 2011, 5, 3043-3051.	7.3	98
141	Gadolinium-labeled peptide dendrimers with controlled structures as potential magnetic resonance imaging contrast agents. <i>Biomaterials</i> , 2011, 32, 7951-7960.	5.7	98
142	Dietary l-glutamine supplementation modulates microbial community and activates innate immunity in the mouse intestine. <i>Amino Acids</i> , 2014, 46, 2403-2413.	1.2	98
143	Oxygen vacancies promoted interfacial charge carrier transfer of CdS/ZnO heterostructure for photocatalytic hydrogen generation. <i>Journal of Colloid and Interface Science</i> , 2017, 503, 198-204.	5.0	97
144	Molecular Imaging of Apoptosis: From Micro to Macro. <i>Theranostics</i> , 2015, 5, 559-582.	4.6	96

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145	Nitrogen-doped titania nanosheets towards visible light response. <i>Chemical Communications</i> , 2009, , 1383.	2.2	95
146	Adsorption behaviors of methyl orange dye on nitrogen-doped mesoporous carbon materials. <i>Journal of Colloid and Interface Science</i> , 2016, 466, 343-351.	5.0	94
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