

Zhanjun Gu

List of Publications by Year in descending order

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223
papers

18,586
citations

8732

75
h-index

13727

129
g-index

233
all docs

233
docs citations

233
times ranked

19016
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicology of nanomaterials: From toxicokinetics to toxicity mechanisms. , 2023, , 718-732.		2
2	Fullerenol@nano-montmorillonite nanocomposite as an efficient radioprotective agent for ameliorating radioactive duodenal injury. Chemical Engineering Journal, 2022, 427, 131725.	6.6	19
3	External use of Nano-graphdiyne hydrogel for skin radioprotection via both physically shielding of Low-energy X-ray and chemically scavenging of Broad-spectrum free radicals. Chemical Engineering Journal, 2022, 430, 132866.	6.6	13
4	Toxicity of manufactured nanomaterials. Particuology, 2022, 69, 31-48.	2.0	63
5	Intercalation-Activated Layered MoO ₃ Nanobelts as Biodegradable Nanozymes for Tumor-Specific Photo-Enhanced Catalytic Therapy. Angewandte Chemie, 2022, 134, .	1.6	16
6	Recent advances in understanding the effects of nanomaterials on gut microbiota. Chemical Engineering Journal, 2022, 435, 134976.	6.6	9
7	Transformable Gallium-Based Liquid Metal Nanoparticles for Tumor Radiotherapy Sensitization. Advanced Healthcare Materials, 2022, 11, e2102584.	3.9	19
8	A Copper Peroxide Fenton Nanoagent-Hydrogel as an <i>In Situ</i> pH-Responsive Wound Dressing for Effectively Trapping and Eliminating Bacteria. ACS Applied Bio Materials, 2022, 5, 1779-1793.	2.3	16
9	Harnessing nanotechnology for cardiovascular disease applications - a comprehensive review based on bibliometric analysis. Nano Today, 2022, 44, 101453.	6.2	19
10	Research progress and applications of silica-based aerogels – a bibliometric analysis. RSC Advances, 2022, 12, 14137-14153.	1.7	3
11	Ultrathin, Transparent, and High Density Perovskite Scintillator Film for High Resolution X-Ray Microscopic Imaging. Advanced Science, 2022, 9, e2200831.	5.6	37
12	Hexagonal Na _x WO ₃ nanocrystals with reversible valence states for microwave thermal and chemodynamic combined cancer therapy. Chemical Engineering Journal, 2022, 446, 136869.	6.6	8
13	Fullerenol protects cornea from ultraviolet B exposure. Redox Biology, 2022, 54, 102360.	3.9	15
14	Piezoelectric materials for synergistic piezo- and radio-catalytic tumor therapy. Nano Today, 2022, 44, 101510.	6.2	34
15	Biocompatible Tantalum Nanoparticles as Radiosensitizers for Enhancing Therapy Efficacy in Primary Tumor and Metastatic Sentinel Lymph Nodes. ACS Nano, 2022, 16, 9428-9441.	7.3	34
16	Research trends in biomedical applications of two-dimensional nanomaterials over the last decade – A bibliometric analysis. Advanced Drug Delivery Reviews, 2022, 188, 114420.	6.6	25
17	Fractionated regimen-suitable immunoradiotherapy sensitizer based on ultrasmall Fe ₄ Se ₂ W ₁₈ nanoclusters enable tumor-specific radiosensitization augment and antitumor immunity boost. Nano Today, 2021, 36, 101003.	6.2	26
18	A Bibliometric Analysis of <i>Advanced Healthcare Materials</i> : Research Trends of Biomaterials in Healthcare Application. Advanced Healthcare Materials, 2021, 10, e2002222.	3.9	25

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19	The age of bioinspired molybdenum-involved nanozymes: Synthesis, catalytic mechanisms, and biomedical applications. <i>View</i> , 2021, 2, 20200188.	2.7	49
20	PEG-GO@XN nanocomposite suppresses breast cancer metastasis via inhibition of mitochondrial oxidative phosphorylation and blockade of epithelial-to-mesenchymal transition. <i>European Journal of Pharmacology</i> , 2021, 895, 173866.	1.7	11
21	A bibliometric analysis: Research progress and prospects on transition metal dichalcogenides in the biomedical field. <i>Chinese Chemical Letters</i> , 2021, 32, 3762-3770.	4.8	17
22	Self-Assembly of Copper-DNAzyme Nanohybrids for Dual-Catalytic Tumor Therapy. <i>Angewandte Chemie</i> , 2021, 133, 14445-14449.	1.6	16
23	Self-Assembly of Copper-DNAzyme Nanohybrids for Dual-Catalytic Tumor Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14324-14328.	7.2	100
24	Research trend of nanoscience and nanotechnology – A bibliometric analysis of <i>Nano Today</i> . <i>Nano Today</i> , 2021, 39, 101233.	6.2	31
25	Eco-Friendly and Scalable Synthesis of Fullerenols with High Free Radical Scavenging Ability for Skin Radioprotection. <i>Small</i> , 2021, 17, e2102035.	5.2	32
26	An overview of the use of nanozymes in antibacterial applications. <i>Chemical Engineering Journal</i> , 2021, 418, 129431.	6.6	140
27	X-ray-facilitated redox cycling of nanozyme possessing peroxidase-mimicking activity for reactive oxygen species-enhanced cancer therapy. <i>Biomaterials</i> , 2021, 276, 121023.	5.7	34
28	Plasmonic AuPt@CuS Heterostructure with Enhanced Synergistic Efficacy for Radiophotothermal Therapy. <i>Journal of the American Chemical Society</i> , 2021, 143, 16113-16127.	6.6	85
29	Rational Design of Nanomaterials for Various Radiation-Induced Diseases Prevention and Treatment. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001615.	3.9	26
30	Reactive Oxygen Species-Regulating Strategies Based on Nanomaterials for Disease Treatment. <i>Advanced Science</i> , 2021, 8, 2002797.	5.6	149
31	Targeted delivery of Bi ₂ Se ₃ Nanoflowers to orthotopic liver tumor via transarterial infusion for enhanced microwave ablation sensibilization. <i>Nano Today</i> , 2021, 41, 101314.	6.2	10
32	Research Progress of Nanomaterials for Radioprotection. <i>Acta Chimica Sinica</i> , 2021, 79, 1438.	0.5	0
33	Take precautions against potential threats that carbon nanotubes may bring to you. <i>Science China Chemistry</i> , 2020, 63, 141-142.	4.2	1
34	Time-Resolved Activation of pH Sensing and Imaging in Vivo by a Remotely Controllable DNA Nanomachine. <i>Nano Letters</i> , 2020, 20, 874-880.	4.5	56
35	Nd ³⁺ -Sensitized Upconversion Metal-Organic Frameworks for Mitochondria-Targeted Amplified Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020, 132, 2656-2660.	1.6	10
36	Two-dimensional nanomaterials beyond graphene for antibacterial applications: current progress and future perspectives. <i>Theranostics</i> , 2020, 10, 757-781.	4.6	152

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37	Nd ³⁺ -Sensitized Upconversion Metal-Organic Frameworks for Mitochondria-Targeted Amplified Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2634-2638.	7.2	175
38	Toxicological Evaluation of Graphene-Family Nanomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 1993-2006.	0.9	46
39	Stimuli-Responsive Small-on-Large Nanoradiosensitizer for Enhanced Tumor Penetration and Radiotherapy Sensitization. <i>ACS Nano</i> , 2020, 14, 10001-10017.	7.3	93
40	Defect-Rich Adhesive Molybdenum Disulfide/rGO Vertical Heterostructures with Enhanced Nanozyme Activity for Smart Bacterial Killing Application. <i>Advanced Materials</i> , 2020, 32, e2005423.	11.1	207
41	Progress, challenges, and future of nanomedicine. <i>Nano Today</i> , 2020, 35, 101008.	6.2	135
42	Suppressing the Radiation-Induced Corrosion of Bismuth Nanoparticles for Enhanced Synergistic Cancer Radiophototherapy. <i>ACS Nano</i> , 2020, 14, 13016-13029.	7.3	42
43	Few-Layer Bismuthene for Checkpoint Knockdown Enhanced Cancer Immunotherapy with Rapid Clearance and Sequentially Triggered One-for-All Strategy. <i>ACS Nano</i> , 2020, 14, 15700-15713.	7.3	41
44	Toxicity and mechanism of mesoporous silica nanoparticles in eyes. <i>Nanoscale</i> , 2020, 12, 13637-13653.	2.8	35
45	An orthogonally regulatable DNA nanodevice for spatiotemporally controlled biorecognition and tumor treatment. <i>Science Advances</i> , 2020, 6, eaba9381.	4.7	105
46	Clinically Approved Carbon Nanoparticles with Oral Administration for Intestinal Radioprotection via Protecting the Small Intestinal Crypt Stem Cells and Maintaining the Balance of Intestinal Flora. <i>Small</i> , 2020, 16, e1906915.	5.2	51
47	A two-step gas/liquid strategy for the production of N-doped defect-rich transition metal dichalcogenide nanosheets and their antibacterial applications. <i>Nanoscale</i> , 2020, 12, 8415-8424.	2.8	43
48	Graphdiyne nanoradioprotector with efficient free radical scavenging ability for mitigating radiation-induced gastrointestinal tract damage. <i>Biomaterials</i> , 2020, 244, 119940.	5.7	58
49	Enhancing multiphoton upconversion through interfacial energy transfer in multilayered nanoparticles. <i>Nature Communications</i> , 2020, 11, 1174.	5.8	118
50	Ultras-small BiOI Quantum Dots with Efficient Renal Clearance for Enhanced Radiotherapy of Cancer. <i>Advanced Science</i> , 2020, 7, 1902561.	5.6	63
51	BiO ₂ Nanosheets as Radiosensitizers with Catalase-Like Activity for Hypoxia Alleviation and Enhancement of the Radiotherapy of Tumors. <i>Inorganic Chemistry</i> , 2020, 59, 3482-3493.	1.9	64
52	Semiconductor heterojunction-based radiocatalytic platforms for tumors treatment by enhancing radiation response and reducing radioresistance. <i>Chemical Engineering Journal</i> , 2020, 394, 124872.	6.6	15
53	Preparation of Lead-free Two-Dimensional-Layered (C ₈ H ₁₇ NH ₃) ₂ SnBr ₄ Perovskite Scintillators and Their Application in X-ray Imaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19797-19804.	4.0	101
54	A Heterojunction Structured WO _{2.9} -WSe ₂ Nanoradiosensitizer Increases Local Tumor Ablation and Checkpoint Blockade Immunotherapy upon Low Radiation Dose. <i>ACS Nano</i> , 2020, 14, 5400-5416.	7.3	104

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55	15 Years of <i>Small</i> : Research Trends in Nanosafety. <i>Small</i> , 2020, 16, e2000980.	5.2	37
56	Glucose-responsive cascaded nanocatalytic reactor with self-modulation of the tumor microenvironment for enhanced chemo-catalytic therapy. <i>Materials Horizons</i> , 2020, 7, 1834-1844.	6.4	56
57	Graphene-Based Smart Platforms for Combined Cancer Therapy. <i>Advanced Materials</i> , 2019, 31, e1800662.	11.1	233
58	The pharmaceutical multi-activity of metallofullerenol invigorates cancer therapy. <i>Nanoscale</i> , 2019, 11, 14528-14539.	2.8	16
59	Transition Metal Dichalcogenides for Biomedical Applications. , 2019, , 241-292.		5
60	A Novel Drug Design Strategy: An Inspiration from Encaging Tumor by Metallofullerenol Gd@C82(OH)22. <i>Molecules</i> , 2019, 24, 2387.	1.7	8
61	Emerging Delivery Strategies of Carbon Monoxide for Therapeutic Applications: from CO Gas to CO Releasing Nanomaterials. <i>Small</i> , 2019, 15, e1904382.	5.2	79
62	Clinical Nanomaterials: A Safe-by-Design Strategy towards Safer Nanomaterials in Nanomedicines (Adv.) <i>Tj ETQq0,0 0 rgBT /Overlock</i>	11.1	3
63	All-inorganic perovskite nanocrystal materials: new generation of scintillators for high quality X-ray imaging. <i>Science Bulletin</i> , 2019, 64, 1205-1206.	4.3	17
64	Safety Assessment of Nanomaterials to Eyes: An Important but Neglected Issue. <i>Advanced Science</i> , 2019, 6, 1802289.	5.6	86
65	An All-Organic Semiconductor C ₃ N ₄ /PDINH Heterostructure with Advanced Antibacterial Photocatalytic Therapy Activity. <i>Advanced Materials</i> , 2019, 31, e1901965.	11.1	215
66	Strategies based on metal-based nanoparticles for hypoxic-tumor radiotherapy. <i>Chemical Science</i> , 2019, 10, 6932-6943.	3.7	111
67	Bi ₂ WO ₆ Semiconductor Nanoplates for Tumor Radiosensitization through High-Z Effects and Radiocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18942-18952.	4.0	75
68	Mass production of poly(ethylene glycol) monooleate-modified core-shell structured upconversion nanoparticles for bio-imaging and photodynamic therapy. <i>Scientific Reports</i> , 2019, 9, 5212.	1.6	20
69	Recent advances of stimuli-responsive systems based on transition metal dichalcogenides for smart cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2588-2607.	2.9	29
70	Enhanced radiosensitization of ternary Cu ₃ BiSe ₃ nanoparticles by photo-induced hyperthermia in the second near-infrared biological window. <i>Nanoscale</i> , 2019, 11, 7157-7165.	2.8	23
71	Enhanced Generation of Non-Oxygen Dependent Free Radicals by Schottky-type Heterostructures of Au@Bi ₂ S ₃ Nanoparticles <i>via</i> X-ray-Induced Catalytic Reaction for Radiosensitization. <i>ACS Nano</i> , 2019, 13, 5947-5958.	7.3	126
72	A Safe-by-Design Strategy towards Safer Nanomaterials in Nanomedicines. <i>Advanced Materials</i> , 2019, 31, e1805391.	11.1	109

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73	Tumor Microenvironment-Responsive Cu ₂ (OH)PO ₄ Nanocrystals for Selective and Controllable Radiosensitization via the X-ray-Triggered Fenton-like Reaction. <i>Nano Letters</i> , 2019, 19, 1749-1757.	4.5	142
74	Efficient Near Infrared Light Triggered Nitric Oxide Release Nanocomposites for Sensitizing Mild Photothermal Therapy. <i>Advanced Science</i> , 2019, 6, 1801122.	5.6	169
75	Translocation, biotransformation-related degradation, and toxicity assessment of polyvinylpyrrolidone-modified 2H-phase nano-MoS ₂ . <i>Nanoscale</i> , 2019, 11, 4767-4780.	2.8	47
76	A photochromic upconversion nanoarchitecture: towards activatable bioimaging and dual NIR light-programmed singlet oxygen generation. <i>Chemical Science</i> , 2019, 10, 10231-10239.	3.7	45
77	Emerging Strategies of Nanomaterial-Mediated Tumor Radiosensitization. <i>Advanced Materials</i> , 2019, 31, e1802244.	11.1	244
78	Tumor microenvironment-manipulated radiocatalytic sensitizer based on bismuth heteropolytungstate for radiotherapy enhancement. <i>Biomaterials</i> , 2019, 189, 11-22.	5.7	132
79	Nanoparticle Ligand Exchange and Its Effects at the Nanoparticle-Cell Membrane Interface. <i>Nano Letters</i> , 2019, 19, 8-18.	4.5	84
80	Graphdiyne Nanoparticles with High Free Radical Scavenging Activity for Radiation Protection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2579-2590.	4.0	115
81	Controlled Release of Carbon Monoxide Based on Nanomaterials and Their Biomedical Applications. <i>Acta Chimica Sinica</i> , 2019, 77, 406.	0.5	2
82	Outstanding Reviewers for Journal of Materials Chemistry B in 2017. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2649-2649.	2.9	0
83	Cu ₂ (OH)PO ₄ /reduced graphene oxide nanocomposites for enhanced photocatalytic degradation of 2,4-dichlorophenol under infrared light irradiation. <i>RSC Advances</i> , 2018, 8, 3611-3618.	1.7	18
84	Enhanced green upconversion luminescence in tetrahedral LiYF ₄ :Yb/Er nanoparticles by manganese(II)-doping: the key role of the host lattice. <i>Nanoscale</i> , 2018, 10, 2834-2840.	2.8	50
85	Peroxidase-like activity of MoS ₂ nanoflakes with different modifications and their application for H ₂ O ₂ and glucose detection. <i>Journal of Materials Chemistry B</i> , 2018, 6, 487-498.	2.9	130
86	Intelligent MoS ₂ Nanotheranostic for Targeted and Enzyme-/pH-/NIR-Responsive Drug Delivery To Overcome Cancer Chemotherapy Resistance Guided by PET Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4271-4284.	4.0	137
87	Biodegradable MoO _x nanoparticles with efficient near-infrared photothermal and photodynamic synergetic cancer therapy at the second biological window. <i>Nanoscale</i> , 2018, 10, 1517-1531.	2.8	144
88	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018, 61, 1503-1552.	4.2	336
89	Bi ₂ S ₃ -Tween 20 Nanodots Loading PI3K Inhibitor, LY294002, for Mild Photothermal Therapy of LoVo Cells In Vitro and In Vivo. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800830.	3.9	32
90	Functionalized MoS ₂ Nanovehicle with Near-Infrared Laser-Mediated Nitric Oxide Release and Photothermal Activities for Advanced Bacteria-Infected Wound Therapy. <i>Small</i> , 2018, 14, e1802290.	5.2	259

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91	X-ray Controlled Generation of Peroxynitrite Based on Nanosized LiLuF_4 : Ce^{3+} Scintillators and their Applications for Radiosensitization. <i>Advanced Materials</i> , 2018, 30, e1804046.	11.1	138
92	Harnessing Tumor Microenvironment for Nanoparticle-Mediated Radiotherapy. <i>Advanced Therapeutics</i> , 2018, 1, 1800050.	1.6	33
93	Toxicity of silicon dioxide nanoparticles with varying sizes on the cornea and protein corona as a strategy for therapy. <i>Science Bulletin</i> , 2018, 63, 907-916.	4.3	21
94	Application of Multifunctional Nanomaterials in Radioprotection of Healthy Tissues. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800421.	3.9	52
95	A Size-Reducible Nanodrug with an Aggregation-Enhanced Photodynamic Effect for Deep Chemo-Photodynamic Therapy. <i>Angewandte Chemie</i> , 2018, 130, 11554-11558.	1.6	29
96	A Size-Reducible Nanodrug with an Aggregation-Enhanced Photodynamic Effect for Deep Chemo-Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11384-11388.	7.2	196
97	Silica nanoparticle exposure during the neonatal period impairs hippocampal precursor proliferation and social behavior later in life. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3593-3608.	3.3	15
98	Synthesis of Surface-Modification-Oriented Nanosized Molybdenum Disulfide with High Peroxidase-Like Catalytic Activity for H_2O_2 and Cholesterol Detection. <i>Chemistry - A European Journal</i> , 2018, 24, 15868-15878.	1.7	33
99	Investigating oxidation state-induced toxicity of PEGylated graphene oxide in ocular tissue using gene expression profiles. <i>Nanotoxicology</i> , 2018, 12, 819-835.	1.6	28
100	Lanthanide-doped materials as dual imaging and therapeutic agents. , 2018, , 381-410.		5
101	Biodistribution, excretion, and toxicity of polyethyleneimine modified NaYF_4 :Yb,Er upconversion nanoparticles in mice via different administration routes. <i>Nanoscale</i> , 2017, 9, 4497-4507.	2.8	61
102	Two-dimensional transition metal dichalcogenide nanomaterials for combination cancer therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1873-1895.	2.9	112
103	Protein-directed synthesis of Bi_2S_3 nanoparticles as an efficient contrast agent for visualizing the gastrointestinal tract. <i>RSC Advances</i> , 2017, 7, 17505-17513.	1.7	15
104	Design of TPGS-functionalized Cu_3BiS_3 nanocrystals with strong absorption in the second near-infrared window for radiation therapy enhancement. <i>Nanoscale</i> , 2017, 9, 8229-8239.	2.8	69
105	Polyoxometalate-Based Radiosensitization Platform for Treating Hypoxic Tumors by Attenuating Radioresistance and Enhancing Radiation Response. <i>ACS Nano</i> , 2017, 11, 7164-7176.	7.3	168
106	MoS_2 -Nanosheet-Assisted Coordination of Metal Ions with Porphyrin for Rapid Detection and Removal of Cadmium Ions in Aqueous Media. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21362-21370.	4.0	54
107	Temperature-feedback upconversion nanocomposite creates a new strategy for photothermal therapy. <i>Science Bulletin</i> , 2017, 62, 229-230.	4.3	6
108	Therapeutic Nanoparticles Based on Curcumin and Bamboo Charcoal Nanoparticles for Chemo-Photothermal Synergistic Treatment of Cancer and Radioprotection of Normal Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14281-14291.	4.0	72

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109	Evaluating the toxicity of silicon dioxide nanoparticles on neural stem cells using RNA-Seq. RSC Advances, 2017, 7, 47552-47564.	1.7	14
110	Synthesis of BSA@Coated BiO@Bi ₂ S ₃ Semiconductor Heterojunction Nanoparticles and Their Applications for Radio/Photodynamic/Photothermal Synergistic Therapy of Tumor. Advanced Materials, 2017, 29, 1704136.	11.1	257
111	Elemental Bismuth@Graphene Heterostructures for Photocatalysis from Ultraviolet to Infrared Light. ACS Catalysis, 2017, 7, 7043-7050.	5.5	65
112	Poly(Vinylpyrrolidone)@and Selenocysteine@Modified Bi ₂ Se ₃ Nanoparticles Enhance Radiotherapy Efficacy in Tumors and Promote Radioprotection in Normal Tissues. Advanced Materials, 2017, 29, 1701268.	11.1	171
113	Improving 800 nm Triggered Upconversion Emission for Lanthanide-Doped CaF ₂ Nanoparticles through Sodium Ion Doping. Journal of Physical Chemistry C, 2017, 121, 18280-18287.	1.5	27
114	Design, Synthesis, and Surface Modification of Materials Based on Transition@Metal Dichalcogenides for Biomedical Applications. Small Methods, 2017, 1, 1700220.	4.6	86
115	Design and Biomedical Applications of Poly(amidoamine)@Dendrimer@Based Hybrid Nanoarchitectures. Small Methods, 2017, 1, 1700224.	4.6	45
116	Near infrared light triggered nitric oxide releasing platform based on upconversion nanoparticles for synergistic therapy of cancer stem-like cells. Science Bulletin, 2017, 62, 985-996.	4.3	45
117	Evaluation of the toxicity of graphene oxide exposure to the eye. Nanotoxicology, 2016, 10, 1329-1340.	1.6	62
118	Mesoporous Bamboo Charcoal Nanoparticles as a New Near@Infrared Responsive Drug Carrier for Imaging@Guided Chemotherapy/Photothermal Synergistic Therapy of Tumor. Advanced Healthcare Materials, 2016, 5, 1627-1637.	3.9	34
119	<I>In Vivo</I> Toxicity Evaluation of Graphene Oxide in <I>Drosophila Melanogaster</I> After Oral Administration. Journal of Nanoscience and Nanotechnology, 2016, 16, 7472-7478.	0.9	5
120	Nitric oxide-generating<sc>l</sc>-cysteine-grafted graphene film as a blood-contacting biomaterial. Biomaterials Science, 2016, 4, 938-942.	2.6	17
121	The polyvinylpyrrolidone functionalized rGO/Bi ₂ S ₃ nanocomposite as a near-infrared light-responsive nanovehicle for chemo-photothermal therapy of cancer. Nanoscale, 2016, 8, 11531-11542.	2.8	71
122	Multifunctional WS ₂ @Poly(ethylene imine) Nanoplatforms for Imaging Guided Gene@Photothermal Synergistic Therapy of Cancer. Advanced Healthcare Materials, 2016, 5, 2776-2787.	3.9	86
123	Synthesis of PVP-functionalized ultra-small MoS ₂ nanoparticles with intrinsic peroxidase-like activity for H ₂ O ₂ and glucose detection. RSC Advances, 2016, 6, 81174-81183.	1.7	57
124	Photothermal Therapy: Multifunctional WS ₂ @Polyetherimide Nanoplatforms for Imaging Guided Gene-Photothermal Synergistic Therapy of Cancer (Adv. Healthcare Mater. 21/2016). Advanced Healthcare Materials, 2016, 5, 2834-2834.	3.9	1
125	Functionalized Nano-MoS ₂ with Peroxidase Catalytic and Near-Infrared Photothermal Activities for Safe and Synergetic Wound Antibacterial Applications. ACS Nano, 2016, 10, 11000-11011.	7.3	812
126	Gadolinium polytungstate nanoclusters: a new theranostic with ultrasmall size and versatile properties for dual-modal MR/CT imaging and photothermal therapy/radiotherapy of cancer. NPG Asia Materials, 2016, 8, e273-e273.	3.8	75

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127	Rapid Degradation and High Renal Clearance of Cu ₃ BiS ₃ Nanodots for Efficient Cancer Diagnosis and Photothermal Therapy <i>in Vivo</i> . ACS Nano, 2016, 10, 4587-4598.	7.3	173
128	Nd ³⁺ sensitized dumbbell-like upconversion nanoparticles for photodynamic therapy application. Journal of Materials Chemistry B, 2016, 4, 2776-2784.	2.9	57
129	One-pot synthesis of PEGylated plasmonic MoO ₃ hollow nanospheres for photoacoustic imaging guided chemo-photothermal combinational therapy of cancer. Biomaterials, 2016, 76, 11-24.	5.7	171
130	Recent Advances in Upconversion Nanoparticles-Based Multifunctional Nanocomposites for Combined Cancer Therapy. Advanced Materials, 2015, 27, 7692-7712.	11.1	243
131	Phytotoxicity, Translocation, and Biotransformation of NaYF ₄ Upconversion Nanoparticles in a Soybean Plant. Small, 2015, 11, 4774-4784.	5.2	49
132	Smart MoS ₂ /Fe ₃ O ₄ Nanotheranostic for Magnetically Targeted Photothermal Therapy Guided by Magnetic Resonance/Photoacoustic Imaging. Theranostics, 2015, 5, 931-945.	4.6	234
133	Bismuth Sulfide Nanorods as a Precision Nanomedicine for <i>in Vivo</i> Multimodal Imaging-Guided Photothermal Therapy of Tumor. ACS Nano, 2015, 9, 696-707.	7.3	503
134	Silica-coated bismuth sulfide nanorods as multimodal contrast agents for a non-invasive visualization of the gastrointestinal tract. Nanoscale, 2015, 7, 12581-12591.	2.8	60
135	Deciphering the underlying mechanisms of oxidation-state dependent cytotoxicity of graphene oxide on mammalian cells. Toxicology Letters, 2015, 237, 61-71.	0.4	100
136	Enhanced Multifunctional Properties of Graphene Nanocomposites with Nacre-Like Structures. Advanced Engineering Materials, 2015, 17, 523-531.	1.6	15
137	Controllable Generation of Nitric Oxide by Near-Infrared-Sensitized Upconversion Nanoparticles for Tumor Therapy. Advanced Functional Materials, 2015, 25, 3049-3056.	7.8	194
138	Aggregation enhanced two-photon fluorescence of organic nanoparticles. Dyes and Pigments, 2015, 115, 211-217.	2.0	16
139	Tungsten Sulfide Quantum Dots as Multifunctional Nanotheranostics for <i>In Vivo</i> Dual-Modal Image-Guided Photothermal/Radiotherapy Synergistic Therapy. ACS Nano, 2015, 9, 12451-12463.	7.3	388
140	Catalytic Performance of Pt/Reduced Graphene Oxide Composites to Methanol Electrochemical Oxidation: Optimization of Mass-Specific Activity. Journal of Nanoscience and Nanotechnology, 2015, 15, 6628-6635.	0.9	4
141	Fabrication of capping-free Pt/porous RGO hybrids by a repeatable-using reduction material and their application in methanol electrooxidation. Chemical Physics Letters, 2015, 620, 73-77.	1.2	1
142	TPGS-stabilized NaYbF ₄ :Er upconversion nanoparticles for dual-modal fluorescent/CT imaging and anticancer drug delivery to overcome multi-drug resistance. Biomaterials, 2015, 40, 107-116.	5.7	172
143	Functionalization of carbon nanotubes/graphene by polyoxometalates and their enhanced photo-electrical catalysis. Chinese Physics B, 2014, 23, 088801.	0.7	4
144	Multifunctional Rb _x WO ₃ Nanorods for Simultaneous Combined Chemo-photothermal Therapy and Photoacoustic/CT Imaging. Small, 2014, 10, 4160-4170.	5.2	86

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