Yu-Liang Zhao

List of Publications by Year in descending order

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352 papers	40,268 citations	1368 108 h-index	2940 189 g-index
363 all docs	363 docs citations	363 times ranked	39071 citing authors

#	Article	IF	Citations
1	Merging DNA Probes with Nanotechnology for RNA Imaging In vivo. Current Analytical Chemistry, 2022, 18, 622-629.	0.6	2
2	Tailoring Aggregation Extent of Photosensitizers to Boost Phototherapy Potency for Eliciting Systemic Antitumor Immunity. Advanced Materials, 2022, 34, e2106390.	11.1	65
3	Toxicity of manufactured nanomaterials. Particuology, 2022, 69, 31-48.	2.0	63
4	Combinational application of metalâ€“organic frameworksâ€based nanozyme and nucleic acid delivery in cancer therapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, e1773.	3.3	16
5	A Photosensitizer Discretely Loaded Nanoaggregate with Robust Photodynamic Effect for Local Treatment Triggers Systemic Antitumor Responses. ACS Nano, 2022, 16, 3070-3080.	7.3	38
6	Selenopeptide Nanomedicine Activates Natural Killer Cells for Enhanced Tumor Chemoimmunotherapy. Advanced Materials, 2022, 34, e2108167.	11.1	32
7	Radiolabeled peptide probe for tumor imaging. Chinese Chemical Letters, 2022, 33, 3361-3370.	4.8	7
8	Multivalent Engineering of Exosomes with Activatable Aptamer Probes for Specific Regulation and Monitoring of Cell Targeting. Analytical Chemistry, 2022, 94, 3840-3848.	3.2	11
9	Ultrafast Growth of Highly Conductive Graphene Films by a Single Subsecond Pulse of Microwave. ACS Nano, 2022, 16, 6676-6686.	7.3	3
10	Precision design of engineered nanomaterials to guide immune systems for disease treatment. Matter, 2022, 5, 1162-1191.	5.0	11
11	Oncolytic peptide nanomachine circumvents chemo resistance of renal cell carcinoma. Biomaterials, 2022, 284, 121488.	5.7	5
12	Spatially Selective Monitoring of Subcellular Enzyme Dynamics in Response to Mitochondriaâ€Targeted Photodynamic Therapy. Angewandte Chemie - International Edition, 2022, 61, .	7.2	19
13	Air pollution: A culprit of lung cancer. Journal of Hazardous Materials, 2022, 434, 128937.	6.5	51
14	Reducing Postoperative Recurrence of Earlyâ€Stage Hepatocellular Carcinoma by a Woundâ€Targeted Nanodrug. Advanced Science, 2022, 9, e2200477.	5.6	15
15	InnenrÃ¼cktitelbild: Spatially Selective Monitoring of Subcellular Enzyme Dynamics in Response to Mitochondriaâ€Targeted Photodynamic Therapy (Angew. Chem. 28/2022). Angewandte Chemie, 2022, 134, .	1.6	0
16	Mild Acidosisâ€Directed Signal Amplification in Tumor Microenvironment via Spatioselective Recruitment of DNA Amplifiers. Angewandte Chemie - International Edition, 2022, 61, .	7.2	13
17	Upconversion Luminescenceâ€Boosted Escape of DNAzyme from Endosomes for Enhanced Geneâ€Silencing Efficacy. Angewandte Chemie - International Edition, 2022, 61, .	7.2	15
18	Upconversion Luminescenceâ€Boosted Escape of DNAzyme from Endosomes for Enhanced Geneâ€Silencing Efficacy. Angewandte Chemie, 2022, 134, .	1.6	2

#	Article	IF	Citations
19	Research trends in biomedical applications of two-dimensional nanomaterials over the last decade â€“ A bibliometric analysis. Advanced Drug Delivery Reviews, 2022, 188, 114420.	6.6	25
20	Fractionated regimen-suitable immunoradiotherapy sensitizer based on ultrasmall Fe4Se2W18 nanoclusters enable tumor-specific radiosensitization augment and antitumor immunity boost. Nano Today, 2021, 36, 101003.	6.2	26
21	Nanomedicine enables spatiotemporally regulating macrophage-based cancer immunotherapy. Biomaterials, 2021, 268, 120552.	5.7	23
22	New Insights from Chemical Biology: Molecular Basis of Transmission, Diagnosis, and Therapy of SARS-CoV-2. CCS Chemistry, 2021, 3, 1501-1528.	4.6	12
23	Molybdenum derived from nanomaterials incorporates into molybdenum enzymes and affects their activities in vivo. Nature Nanotechnology, 2021, 16, 708-716.	15.6	153
24	Organelleâ€Specific Photoactivation of DNA Nanosensors for Precise Profiling of Subcellular Enzymatic Activity. Angewandte Chemie, 2021, 133, 9005-9013.	1.6	20
25	Organelleâ€Specific Photoactivation of DNA Nanosensors for Precise Profiling of Subcellular Enzymatic Activity. Angewandte Chemie - International Edition, 2021, 60, 8923-8931.	7.2	97
26	Controllable Selfâ€Assembly of Peptideâ€Cyanine Conjugates In Vivo as Fineâ€Tunable Theranostics. Angewandte Chemie - International Edition, 2021, 60, 7809-7819.	7.2	51
27	Controllable Selfâ€Assembly of Peptideâ€Cyanine Conjugates In Vivo as Fineâ€Tunable Theranostics. Angewandte Chemie, 2021, 133, 7888-7898.	1.6	10
28	Development of a Cancer Vaccine Using In Vivo Clickâ€Chemistryâ€Mediated Active Lymph Node Accumulation for Improved Immunotherapy. Advanced Materials, 2021, 33, e2006007.	11.1	70
29	One-Step Synthesis of Single-Stranded DNA-Bridged Iron Oxide Supraparticles as MRI Contrast Agents. Nano Letters, 2021, 21, 2793-2799.	4.5	19
30	X-ray-Based Techniques to Study the Nanoâ€“Bio Interface. ACS Nano, 2021, 15, 3754-3807.	7.3	60
31	A bibliometric analysis: Research progress and prospects on transition metal dichalcogenides in the biomedical field. Chinese Chemical Letters, 2021, 32, 3762-3770.	4.8	17
32	Tumor-discriminating Nanoceria Antioxidant Enables Protection Against Acute Kidney Injury Without Compromising Chemotherapeutic Effects. Chemical Research in Chinese Universities, 2021, 37, 621-622.	1.3	1
33	Selfâ€Assembly of Copperâ€“DNAzyme Nanohybrids for Dualâ€Catalytic Tumor Therapy. Angewandte Chemie, 2021, 133, 14445-14449.	1.6	16
34	Selfâ€Assembly of Copperâ€“DNAzyme Nanohybrids for Dualâ€Catalytic Tumor Therapy. Angewandte Chemie - International Edition, 2021, 60, 14324-14328.	7.2	100
35	Second near-infrared window persistent luminescence nanomaterials for in vivo bioimaging. Science China Chemistry, 2021, 64, 1439-1440.	4.2	1
36	Highly Stable Silica-Coated Bismuth Nanoparticles Deliver Tumor Microenvironment-Responsive Prodrugs to Enhance Tumor-Specific Photoradiotherapy. Journal of the American Chemical Society, 2021, 143, 11449-11461.	6.6	51

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37	Bacterial cytoplasmic membranes synergistically enhance the antitumor activity of autologous cancer vaccines. Science Translational Medicine, 2021, 13, .	5.8	109
38	The Underlying Function and Structural Organization of the Intracellular Protein Corona on Graphdiyne Oxide Nanosheet for Local Immunomodulation. Nano Letters, 2021, 21, 6005-6013.	4.5	63
39	Nanotoxicology and nanomedicine: The Yin and Yang of nano-bio interactions for the new decade. Nano Today, 2021, 39, 101184.	6.2	67
40	Ultrafast Growth of Large Area Graphene on Si Wafer by a Single Pulse Current. Molecules, 2021, 26, 4940.	1.7	4
41	X-ray-facilitated redox cycling of nanozyme possessing peroxidase-mimicking activity for reactive oxygen species-enhanced cancer therapy. Biomaterials, 2021, 276, 121023.	5.7	34
42	Plasmonic AuPt@CuS Heterostructure with Enhanced Synergistic Efficacy for Radiophotothermal Therapy. Journal of the American Chemical Society, 2021, 143, 16113-16127.	6.6	85
43	Rational Design of Nanomaterials for Various Radiationâ€Induced Diseases Prevention and Treatment. Advanced Healthcare Materials, 2021, 10, e2001615.	3.9	26
44	Reactive Oxygen Speciesâ€Regulating Strategies Based on Nanomaterials for Disease Treatment. Advanced Science, 2021, 8, 2002797.	5.6	149
45	3D Imaging and Quantification of the Integrin at a Single-Cell Base on a Multisignal Nanoprobe and Synchrotron Radiation Soft X-ray Tomography Microscopy. Analytical Chemistry, 2021, 93, 1237-1241.	3.2	20
46	Accelerated discovery of superoxide-dismutase nanozymes via high-throughput computational screening. Nature Communications, 2021, 12, 6866.	5.8	62
47	Time-Resolved Activation of pH Sensing and Imaging in Vivo by a Remotely Controllable DNA Nanomachine. Nano Letters, 2020, 20, 874-880.	4.5	56
48	Nd³⁺â€Sensitized Upconversion Metalâ€“Organic Frameworks for Mitochondriaâ€Targeted Amplified Photodynamic Therapy. Angewandte Chemie, 2020, 132, 2656-2660.	1.6	10
49	Two-dimensional nanomaterials beyond graphene for antibacterial applications: current progress and future perspectives. Theranostics, 2020, 10, 757-781.	4.6	152
50	Single-Particle Analysis for Structure and Iron Chemistry of Atmospheric Particulate Matter. Analytical Chemistry, 2020, 92, 975-982.	3.2	24
51	Nd³⁺â€Sensitized Upconversion Metalâ€“Organic Frameworks for Mitochondriaâ€Targeted Amplified Photodynamic Therapy. Angewandte Chemie - International Edition, 2020, 59, 2634-2638.	7.2	175
52	Stimuli-Responsive Small-on-Large Nanoradiosensitizer for Enhanced Tumor Penetration and Radiotherapy Sensitization. ACS Nano, 2020, 14, 10001-10017.	7.3	93
53	Implications of the Human Gutâ€“Brain and Gutâ€“Cancer Axes for Future Nanomedicine. ACS Nano, 2020, 14, 14391-14416.	7.3	30
54	Progress, challenges, and future of nanomedicine. Nano Today, 2020, 35, 101008.	6.2	135

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55	Density Functional Theory-Based Method to Predict the Activities of Nanomaterials as Peroxidase Mimics. ACS Catalysis, 2020, 10, 12657-12665.	5.5	92
56	Suppressing the Radiation-Induced Corrosion of Bismuth Nanoparticles for Enhanced Synergistic Cancer Radiophototherapy. ACS Nano, 2020, 14, 13016-13029.	7.3	42
57	Nano-bio interactions: the implication of size-dependent biological effects of nanomaterials. Science China Life Sciences, 2020, 63, 1168-1182.	2.3	58
58	Combination of tumour-infarction therapy and chemotherapy via the co-delivery of doxorubicin and thrombin encapsulated in tumour-targeted nanoparticles. Nature Biomedical Engineering, 2020, 4, 732-742.	11.6	99
59	An orthogonally regulatable DNA nanodevice for spatiotemporally controlled biorecognition and tumor treatment. Science Advances, 2020, 6, eaba9381.	4.7	105
60	A smart DNA nanodevice for ATP-activatable bioimaging and photodynamic therapy. Science China Chemistry, 2020, 63, 1490-1497.	4.2	18
61	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. Small, 2020, 16, e1906915.	5.2	51
62	Graphdiyne nanoradioprotector with efficient free radical scavenging ability for mitigating radiation-induced gastrointestinal tract damage. Biomaterials, 2020, 244, 119940.	5.7	58
63	Ultrasmall BiOI Quantum Dots with Efficient Renal Clearance for Enhanced Radiotherapy of Cancer. Advanced Science, 2020, 7, 1902561.	5.6	63
64	BiO_{2â€“x} Nanosheets as Radiosensitizers with Catalase-Like Activity for Hypoxia Alleviation and Enhancement of the Radiotherapy of Tumors. Inorganic Chemistry, 2020, 59, 3482-3493.	1.9	64
65	Immunological Responses Induced by Blood Protein Coronas on Two-Dimensional MoS₂ Nanosheets. ACS Nano, 2020, 14, 5529-5542.	7.3	82
66	A Heterojunction Structured WO_{2.9}-WSe₂ Nanoradiosensitizer Increases Local Tumor Ablation and Checkpoint Blockade Immunotherapy upon Low Radiation Dose. ACS Nano, 2020, 14, 5400-5416.	7.3	104
67	Glucose-responsive cascaded nanocatalytic reactor with self-modulation of the tumor microenvironment for enhanced chemo-catalytic therapy. Materials Horizons, 2020, 7, 1834-1844.	6.4	56
68	Grapheneâ€Based Smart Platforms for Combined Cancer Therapy. Advanced Materials, 2019, 31, e1800662.	11.1	233
69	Nearâ€Infrared Lightâ€Initiated Hybridization Chain Reaction for Spatially and Temporally Resolved Signal Amplification. Angewandte Chemie, 2019, 131, 15019-15023.	1.6	101
70	Nearâ€Infrared Lightâ€Initiated Hybridization Chain Reaction for Spatially and Temporally Resolved Signal Amplification. Angewandte Chemie - International Edition, 2019, 58, 14877-14881.	7.2	148
71	A Dualâ€Response DNA Probe for Simultaneously Monitoring Enzymatic Activity and Environmental pH Using a Nanopore. Angewandte Chemie - International Edition, 2019, 58, 14929-14934.	7.2	50
72	The pharmaceutical multi-activity of metallofullerenol invigorates cancer therapy. Nanoscale, 2019, 11, 14528-14539.	2.8	16

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73	Stability of Ligands on Nanoparticles Regulating the Integrity of Biological Membranes at the Nanoâ€“Lipid Interface. ACS Nano, 2019, 13, 8680-8693.	7.3	59
74	Cellular Responses to Exposure to Outdoor Air from the Chinese Spring Festival at the Airâ€“Liquid Interface. Environmental Science & Technology, 2019, 53, 9128-9138.	4.6	9
75	Graphdiyne: The Fundamentals and Application of an Emerging Carbon Material. Advanced Materials, 2019, 31, e1904885.	11.1	33
76	Emerging Delivery Strategies of Carbon Monoxide for Therapeutic Applications: from CO Gas to CO Releasing Nanomaterials. Small, 2019, 15, e1904382.	5.2	79
77	Clinical Nanomaterials: A Safeâ€byâ€Design Strategy towards Safer Nanomaterials in Nanomedicines (Adv.) Tj ETQq1 1 0.784314 rgB	11.1	3
78	Nano as a Rosetta Stone: The Global Roles and Opportunities for Nanoscience and Nanotechnology. ACS Nano, 2019, 13, 10853-10855.	7.3	16
79	A Dualâ€Response DNA Probe for Simultaneously Monitoring Enzymatic Activity and Environmental pH Using a Nanopore. Angewandte Chemie, 2019, 131, 15071-15076.	1.6	8
80	Engineered Graphene Oxide Nanocomposite Capable of Preventing the Evolution of Antimicrobial Resistance. ACS Nano, 2019, 13, 11488-11499.	7.3	84
81	Bacillus subtilis causes dissolution of ceria nanoparticles at the nanoâ€“bio interface. Environmental Science: Nano, 2019, 6, 216-223.	2.2	15
82	Exploring the Interaction of Fullerenol with Key Digestive Proteases Using Raman-Based Frequency-Shift Sensing and Molecular Simulation Analysis. ACS Applied Bio Materials, 2019, 2, 2946-2954.	2.3	2
83	Precision Nanomedicine Development Based on Specific Opsonization of Human Cancer Patient-Personalized Protein Coronas. Nano Letters, 2019, 19, 4692-4701.	4.5	87
84	An Acidicâ€Microenvironmentâ€Driven DNA Nanomachine Enables Specific ATP Imaging in the Extracellular Milieu of Tumor. Advanced Materials, 2019, 31, e1901885.	11.1	97
85	Simultaneous enzyme mimicking and chemical reduction mechanisms for nanoceria as a bio-antioxidant: a catalytic model bridging computations and experiments for nanozymes. Nanoscale, 2019, 11, 13289-13299.	2.8	100
86	Strategies based on metal-based nanoparticles for hypoxic-tumor radiotherapy. Chemical Science, 2019, 10, 6932-6943.	3.7	111
87	Ultrasensitive Detection of Circulating Tumor DNA of Lung Cancer via an Enzymatically Amplified SERS-Based Frequency Shift Assay. ACS Applied Materials & Interfaces, 2019, 11, 18145-18152.	4.0	65
88	Influence of Surface Charge on the Phytotoxicity, Transformation, and Translocation of CeO₂ Nanoparticles in Cucumber Plants. ACS Applied Materials & Interfaces, 2019, 11, 16905-16913.	4.0	45
89	An Extendable Star-Like Nanoplatform for Functional and Anatomical Imaging-Guided Photothermal Oncotherapy. ACS Nano, 2019, 13, 4379-4391.	7.3	65
90	Elemental analysis and imaging of sunscreen fingermarks by X-ray fluorescence. Analytical and Bioanalytical Chemistry, 2019, 411, 4151-4157.	1.9	7

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91	Screen efficiency comparisons of decision tree and neural network algorithms in machine learning assisted drug design. Science China Chemistry, 2019, 62, 506-514.	4.2	10
92	Comparative study of core- and surface-radiolabeling strategies for the assembly of iron oxide nanoparticle-based theranostic nanocomposites. Nanoscale, 2019, 11, 5909-5913.	2.8	5
93	Surface-Functionalized Modified Copper Sulfide Nanoparticles Enhance Checkpoint Blockade Tumor Immunotherapy by Photothermal Therapy and Antigen Capturing. ACS Applied Materials & Interfaces, 2019, 11, 13964-13972.	4.0	105
94	Recent advances of stimuli-responsive systems based on transition metal dichalcogenides for smart cancer therapy. Journal of Materials Chemistry B, 2019, 7, 2588-2607.	2.9	29
95	Enhanced Generation of Non-Oxygen Dependent Free Radicals by Schottky-type Heterostructures of Auâ€“Bi₂S₃ Nanoparticles via X-ray-Induced Catalytic Reaction for Radiosensitization. ACS Nano, 2019, 13, 5947-5958.	7.3	126
96	A Safeâ€byâ€Design Strategy towards Safer Nanomaterials in Nanomedicines. Advanced Materials, 2019, 31, e1805391.	11.1	109
97	Progress and Prospects of Graphdiyneâ€Based Materials in Biomedical Applications. Advanced Materials, 2019, 31, e1804386.	11.1	124
98	Precise design of nanomedicines: perspectives for cancer treatment. National Science Review, 2019, 6, 1107-1110.	4.6	34
99	Tumor Microenvironment-Responsive Cu₂(OH)PO₄ Nanocrystals for Selective and Controllable Radiosentization via the X-ray-Triggered Fenton-like Reaction. Nano Letters, 2019, 19, 1749-1757.	4.5	142
100	Translocation, biotransformation-related degradation, and toxicity assessment of polyvinylpyrrolidone-modified 2H-phase nano-MoS₂. Nanoscale, 2019, 11, 4767-4780.	2.8	47
101	A tumour-selective cascade activatable self-detained system for drug delivery and cancer imaging. Nature Communications, 2019, 10, 4861.	5.8	139
102	A photochromic upconversion nanoarchitecture: towards activatable bioimaging and dual NIR light-programmed singlet oxygen generation. Chemical Science, 2019, 10, 10231-10239.	3.7	45
103	Emerging Strategies of Nanomaterialâ€Mediated Tumor Radiosensitization. Advanced Materials, 2019, 31, e1802244.	11.1	244
104	Generalized Preparation of Two-Dimensional Quasi-nanosheets via Self-assembly of Nanoparticles. Journal of the American Chemical Society, 2019, 141, 1725-1734.	6.6	29
105	Tumor microenvironment-manipulated radiocatalytic sensitizer based on bismuth heteropolytungstate for radiotherapy enhancement. Biomaterials, 2019, 189, 11-22.	5.7	132
106	Boron and Nitrogen Co-Doping of Graphynes without Inducing Empty or Doubly Filled States in Ï€-Conjugated Systems. Journal of Physical Chemistry C, 2019, 123, 625-630.	1.5	2
107	Engineering Multifunctional DNA Hybrid Nanospheres through Coordinationâ€Driven Selfâ€Assembly. Angewandte Chemie, 2019, 131, 1364-1368.	1.6	26
108	Engineering Multifunctional DNA Hybrid Nanospheres through Coordinationâ€Driven Selfâ€Assembly. Angewandte Chemie - International Edition, 2019, 58, 1350-1354.	7.2	149

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109	Graphdiyne Nanoparticles with High Free Radical Scavenging Activity for Radiation Protection. ACS Applied Materials & Interfaces, 2019, 11, 2579-2590.	4.0	115
110	Immobilized Ferrous Ion and Glucose Oxidase on Graphdiyne and Its Application on One-Step Glucose Detection. ACS Applied Materials & Interfaces, 2019, 11, 2647-2654.	4.0	86
111	Turning On/Off the Anti-Tumor Effect of the Au Cluster via Atomically Controlling Its Molecular Size. ACS Nano, 2018, 12, 4378-4386.	7.3	34
112	Probing Adsorption Behaviors of BSA onto Chiral Surfaces of Nanoparticles. Small, 2018, 14, e1703982.	5.2	73
113	Graphdiyne Nanosheet-Based Drug Delivery Platform for Photothermal/Chemotherapy Combination Treatment of Cancer. ACS Applied Materials & Interfaces, 2018, 10, 8436-8442.	4.0	130
114	Acute Oral Administration of Singleâ€Walled Carbon Nanotubes Increases Intestinal Permeability and Inflammatory Responses: Association with the Changes in Gut Microbiota in Mice. Advanced Healthcare Materials, 2018, 7, e1701313.	3.9	40
115	A DNA nanorobot functions as a cancer therapeutic in response to a molecular trigger in vivo. Nature Biotechnology, 2018, 36, 258-264.	9.4	1,066
116	Intelligent MoS₂ Nanotheranostic for Targeted and Enzyme-/pH-/NIR-Responsive Drug Delivery To Overcome Cancer Chemotherapy Resistance Guided by PET Imaging. ACS Applied Materials & Interfaces, 2018, 10, 4271-4284.	4.0	137
117	Early-life exposure to three size-fractionated ultrafine and fine atmospheric particulates in Beijing exacerbates asthma development in mature mice. Particle and Fibre Toxicology, 2018, 15, 13.	2.8	53
118	Specific detection and effective inhibition of a single bacterial species in situ using peptide mineralized Au cluster probes. Science China Chemistry, 2018, 61, 627-634.	4.2	12
119	Nucleosome-inspired nanocarrier obtains encapsulation efficiency enhancement and side effects reduction in chemotherapy by using fullerenol assembled with doxorubicin. Biomaterials, 2018, 167, 205-215.	5.7	57
120	Quantification of Nanomaterial/Nanomedicine Trafficking in Vivo. Analytical Chemistry, 2018, 90, 589-614.	3.2	85
121	Solidifying framework nucleic acids. Science China Chemistry, 2018, 61, 1481-1482.	4.2	0
122	Precise nanomedicine for intelligent therapy of cancer. Science China Chemistry, 2018, 61, 1503-1552.	4.2	336
123	Ultrasensitive Detection of Serum MicroRNA Using Branched DNA-Based SERS Platform Combining Simultaneous Detection of Î±-Fetoprotein for Early Diagnosis of Liver Cancer. ACS Applied Materials & Interfaces, 2018, 10, 34869-34877.	4.0	60
124	Mechanisms of Antioxidant Activities of Fullerenols from First-Principles Calculation. Journal of Physical Chemistry A, 2018, 122, 8183-8190.	1.1	27
125	The Precise Diagnosis of Cancer Invasion/Metastasis via 2D Laser Ablation Mass Mapping of Metalloproteinase in Primary Cancer Tissue. ACS Nano, 2018, 12, 11139-11151.	7.3	29
126	Functionalized MoS₂ Nanovehicle with Nearâ€Infrared Laserâ€Mediated Nitric Oxide Release and Photothermal Activities for Advanced Bacteriaâ€Infected Wound Therapy. Small, 2018, 14, e1802290.	5.2	259

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127	Frontispiece: Simultaneous Quantification of Multiple Cancer Biomarkers in Blood Samples through DNA-Assisted Nanopore Sensing. Angewandte Chemie - International Edition, 2018, 57, .	7.2	1
128	Frontispiz: Simultaneous Quantification of Multiple Cancer Biomarkers in Blood Samples through DNA-Assisted Nanopore Sensing. Angewandte Chemie, 2018, 130, .	1.6	0
129	Xâ€Rayâ€Controlled Generation of Peroxynitrite Based on Nanosized LiLuF₄:Ce³⁺ Scintillators and their Applications for Radiosensitization. Advanced Materials, 2018, 30, e1804046.	11.1	138
130	Simultaneous Quantification of Multiple Cancer Biomarkers in Blood Samples through DNAâ€Assisted Nanopore Sensing. Angewandte Chemie, 2018, 130, 12058-12063.	1.6	13
131	Simultaneous Quantification of Multiple Cancer Biomarkers in Blood Samples through DNAâ€Assisted Nanopore Sensing. Angewandte Chemie - International Edition, 2018, 57, 11882-11887.	7.2	77
132	Frequency Shift Raman-Based Sensing of Serum MicroRNAs for Early Diagnosis and Discrimination of Primary Liver Cancers. Analytical Chemistry, 2018, 90, 10144-10151.	3.2	38
133	Harnessing Tumor Microenvironment for Nanoparticleâ€Mediated Radiotherapy. Advanced Therapeutics, 2018, 1, 1800050.	1.6	33
134	One Second Formation of Large Area Graphene on a Conical Tip Surface via Direct Transformation of Surface Carbide. Small, 2018, 14, e1801288.	5.2	3
135	Trophic Transfer and Transformation of CeO₂ Nanoparticles along a Terrestrial Food Chain: Influence of Exposure Routes. Environmental Science & Technology, 2018, 52, 7921-7927.	4.6	49
136	Gut Microbiota: Acute Oral Administration of Singleâ€Walled Carbon Nanotubes Increases Intestinal Permeability and Inflammatory Responses: Association with the Changes in Gut Microbiota in Mice (Adv. Healthcare Mater. 13/2018). Advanced Healthcare Materials, 2018, 7, 1870053.	3.9	0
137	Application of Multifunctional Nanomaterials in Radioprotection of Healthy Tissues. Advanced Healthcare Materials, 2018, 7, e1800421.	3.9	52
138	A Sizeâ€Reducible Nanodrug with an Aggregationâ€Enhanced Photodynamic Effect for Deep Chemoâ€Photodynamic Therapy. Angewandte Chemie, 2018, 130, 11554-11558.	1.6	29
139	A Sizeâ€Reducible Nanodrug with an Aggregationâ€Enhanced Photodynamic Effect for Deep Chemoâ€Photodynamic Therapy. Angewandte Chemie - International Edition, 2018, 57, 11384-11388.	7.2	196
140	Walking the line: The fate of nanomaterials at biological barriers. Biomaterials, 2018, 174, 41-53.	5.7	125
141	In Situ Monitoring the Aggregation Dynamics of Amyloid-Î² Protein Aβ42 in Physiological Media via a Raman-Based Frequency Shift Method. ACS Applied Bio Materials, 2018, 1, 814-824.	2.3	21
142	Reversal of pancreatic desmoplasia by re-educating stellate cells with a tumour microenvironment-activated nanosystem. Nature Communications, 2018, 9, 3390.	5.8	249
143	Gd@C82(OH)22 harnesses inflammatory regeneration for osteogenesis of mesenchymal stem cells through JNK/STAT3 signaling pathway. Journal of Materials Chemistry B, 2018, 6, 5802-5811.	2.9	12
144	mTOR Signaling in Parkinsonâ€™s Disease. NeuroMolecular Medicine, 2017, 19, 1-10.	1.8	74

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145	A highly sensitive SERS-based platform for Zn(<scp>ii</scp>) detection in cellular media. Chemical Communications, 2017, 53, 1797-1800.	2.2	23
146	Size-Dependent Ag₂S Nanodots for Second Near-Infrared Fluorescence/Photoacoustics Imaging and Simultaneous Photothermal Therapy. ACS Nano, 2017, 11, 1848-1857.	7.3	351
147	Biodistribution, excretion, and toxicity of polyethyleneimine modified NaYF₄:Yb,Er upconversion nanoparticles in mice via different administration routes. Nanoscale, 2017, 9, 4497-4507.	2.8	61
148	Protein-directed synthesis of Bi₂S₃ nanoparticles as an efficient contrast agent for visualizing the gastrointestinal tract. RSC Advances, 2017, 7, 17505-17513.	1.7	15
149	Design of TPGS-functionalized Cu₃BiS₃ nanocrystals with strong absorption in the second near-infrared window for radiation therapy enhancement. Nanoscale, 2017, 9, 8229-8239.	2.8	69
150	Chiral Surface of Nanoparticles Determines the Orientation of Adsorbed Transferrin and Its Interaction with Receptors. ACS Nano, 2017, 11, 4606-4616.	7.3	125
151	Polyoxometalate-Based Radiosensitization Platform for Treating Hypoxic Tumors by Attenuating Radioresistance and Enhancing Radiation Response. ACS Nano, 2017, 11, 7164-7176.	7.3	168
152	Ceria Nanoparticles as Enzyme Mimetics. Chinese Journal of Chemistry, 2017, 35, 791-800.	2.6	40
153	MoS₂-Nanosheet-Assisted Coordination of Metal Ions with Porphyrin for Rapid Detection and Removal of Cadmium Ions in Aqueous Media. ACS Applied Materials & Interfaces, 2017, 9, 21362-21370.	4.0	54
154	Photodynamic Therapy: Au Nanoclusters and Photosensitizer Dual Loaded Spatiotemporal Controllable Liposomal Nanocomposites Enhance Tumor Photodynamic Therapy Effect by Inhibiting Thioredoxin Reductase (Adv. Healthcare Mater. 7/2017). Advanced Healthcare Materials, 2017, 6, .	3.9	0
155	Therapeutic Nanoparticles Based on Curcumin and Bamboo Charcoal Nanoparticles for Chemo-Photothermal Synergistic Treatment of Cancer and Radioprotection of Normal Cells. ACS Applied Materials & Interfaces, 2017, 9, 14281-14291.	4.0	72
156	Fullerenol inhibits the cross-talk between bone marrow-derived mesenchymal stem cells and tumor cells by regulating MAPK signaling. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1879-1890.	1.7	16
157	Diverse Applications of Nanomedicine. ACS Nano, 2017, 11, 2313-2381.	7.3	976
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