

Yu-Liang Zhao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

340
papers

30,876
citations

93
h-index

167
g-index

363
ext. papers

35,590
ext. citations

10.7
avg, IF

7.25
L-index

#	Paper	IF	Citations
340	Selenopeptide Nanomedicine Activates Natural Killer Cell for Enhanced Tumor Chemo-Immunotherapy.. <i>Advanced Materials</i> , 2022 , e2108167	24	5
339	Combinational application of metal-organic frameworks-based nanozyme and nucleic acid delivery in cancer therapy.. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022 , e1773	9.2	1
338	Precision design of engineered nanomaterials to guide immune systems for disease treatment. <i>Matter</i> , 2022 , 5, 1162-1191	12.7	0
337	Oncolytic peptide nanomachine circumvents chemo resistance of renal cell carcinoma.. <i>Biomaterials</i> , 2022 , 284, 121488	15.6	0
336	Air pollution: A culprit of lung cancer.. <i>Journal of Hazardous Materials</i> , 2022 , 434, 128937	12.8	4
335	Reducing Postoperative Recurrence of Early-Stage Hepatocellular Carcinoma by a Wound-Targeted Nanodrug.. <i>Advanced Science</i> , 2022 , e2200477	13.6	2
334	Tailoring Aggregation Extent of Photosensitizer to Boost Phototherapy Potency for Eliciting Systemic Antitumor Immunity. <i>Advanced Materials</i> , 2021 , e2106390	24	13
333	Accelerated discovery of superoxide-dismutase nanozymes via high-throughput computational screening. <i>Nature Communications</i> , 2021 , 12, 6866	17.4	12
332	Toxicity of manufactured nanomaterials. <i>Particuology</i> , 2021 ,	2.8	10
331	3D Imaging and Quantification of the Integrin at a Single-Cell Base on a Multisignal Nanoprobe and Synchrotron Radiation Soft X-ray Tomography Microscopy. <i>Analytical Chemistry</i> , 2021 , 93, 1237-1241	7.8	5
330	Organelle-Specific Photoactivation of DNA Nanosensors for Precise Profiling of Subcellular Enzymatic Activity. <i>Angewandte Chemie</i> , 2021 , 133, 9005-9013	3.6	8
329	Organelle-Specific Photoactivation of DNA Nanosensors for Precise Profiling of Subcellular Enzymatic Activity. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8923-8931	16.4	26
328	Controllable Self-Assembly of Peptide-Cyanine Conjugates In Vivo as Fine-Tunable Theranostics. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7809-7819	16.4	19
327	Controllable Self-Assembly of Peptide-Cyanine Conjugates In Vivo as Fine-Tunable Theranostics. <i>Angewandte Chemie</i> , 2021 , 133, 7888-7898	3.6	2
326	Development of a Cancer Vaccine Using In Vivo Click-Chemistry-Mediated Active Lymph Node Accumulation for Improved Immunotherapy. <i>Advanced Materials</i> , 2021 , 33, e2006007	24	18
325	One-Step Synthesis of Single-Stranded DNA-Bridged Iron Oxide Supraparticles as MRI Contrast Agents. <i>Nano Letters</i> , 2021 , 21, 2793-2799	11.5	6
324	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , 2021 , 15, 3754-3807	16.7	18

323	A bibliometric analysis: Research progress and prospects on transition metal dichalcogenides in the biomedical field. <i>Chinese Chemical Letters</i> , 2021 , 32, 3762-3762	8.1	3
322	Tumor-discriminating Nanoceria Antioxidant Enables Protection Against Acute Kidney Injury Without Compromising Chemotherapeutic Effects. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 621-622	2.2	
321	Self-Assembly of Copper-DNAzyme Nanohybrids for Dual-Catalytic Tumor Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 14445-14449	3.6	7
320	Self-Assembly of Copper-DNAzyme Nanohybrids for Dual-Catalytic Tumor Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14324-14328	16.4	28
319	Second near-infrared window persistent luminescence nanomaterials for in vivo bioimaging. <i>Science China Chemistry</i> , 2021 , 64, 1439-1440	7.9	1
318	Highly Stable Silica-Coated Bismuth Nanoparticles Deliver Tumor Microenvironment-Responsive Prodrugs to Enhance Tumor-Specific Photoradiotherapy. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11449-11461	16.4	12
317	Fractionated regimen-suitable immunoradiotherapy sensitizer based on ultrasmall Fe ₄ Se ₂ W ₁₈ nanoclusters enable tumor-specific radiosensitization augment and antitumor immunity boost. <i>Nano Today</i> , 2021 , 36, 101003	17.9	10
316	Nanomedicine enables spatiotemporally regulating macrophage-based cancer immunotherapy. <i>Biomaterials</i> , 2021 , 268, 120552	15.6	6
315	New Insights from Chemical Biology: Molecular Basis of Transmission, Diagnosis, and Therapy of SARS-CoV-2. <i>CCS Chemistry</i> , 2021 , 3, 1501-1528	7.2	4
314	Molybdenum derived from nanomaterials incorporates into molybdenum enzymes and affects their activities in vivo. <i>Nature Nanotechnology</i> , 2021 , 16, 708-716	28.7	46
313	Bacterial cytoplasmic membranes synergistically enhance the antitumor activity of autologous cancer vaccines. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	25
312	The Underlying Function and Structural Organization of the Intracellular Protein Corona on Graphdiyne Oxide Nanosheet for Local Immunomodulation. <i>Nano Letters</i> , 2021 , 21, 6005-6013	11.5	14
311	Nanotoxicology and nanomedicine: The Yin and Yang of nano-bio interactions for the new decade. <i>Nano Today</i> , 2021 , 39, 101184	17.9	16
310	X-ray-facilitated redox cycling of nanozyme possessing peroxidase-mimicking activity for reactive oxygen species-enhanced cancer therapy. <i>Biomaterials</i> , 2021 , 276, 121023	15.6	6
309	Plasmonic AuPt@CuS Heterostructure with Enhanced Synergistic Efficacy for Radiophothermal Therapy. <i>Journal of the American Chemical Society</i> , 2021 , 143, 16113-16127	16.4	15
308	Rational Design of Nanomaterials for Various Radiation-Induced Diseases Prevention and Treatment. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001615	10.1	10
307	Reactive Oxygen Species-Regulating Strategies Based on Nanomaterials for Disease Treatment. <i>Advanced Science</i> , 2021 , 8, 2002797	13.6	40
306	Nano-bio interactions: the implication of size-dependent biological effects of nanomaterials. <i>Science China Life Sciences</i> , 2020 , 63, 1168-1182	8.5	24

305	Combination of tumour-infarction therapy and chemotherapy via the co-delivery of doxorubicin and thrombin encapsulated in tumour-targeted nanoparticles. <i>Nature Biomedical Engineering</i> , 2020 , 4, 732-742	19	51
304	An orthogonally regulatable DNA nanodevice for spatiotemporally controlled biorecognition and tumor treatment. <i>Science Advances</i> , 2020 , 6, eaba9381	14.3	53
303	A smart DNA nanodevice for ATP-activatable bioimaging and photodynamic therapy. <i>Science China Chemistry</i> , 2020 , 63, 1490-1497	7.9	8
302	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	11	23
301	Graphdiyne nanoradioprotector with efficient free radical scavenging ability for mitigating radiation-induced gastrointestinal tract damage. <i>Biomaterials</i> , 2020 , 244, 119940	15.6	25
300	Ultrasmall BiOI Quantum Dots with Efficient Renal Clearance for Enhanced Radiotherapy of Cancer. <i>Advanced Science</i> , 2020 , 7, 1902561	13.6	40
299	BiO 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	5.1	30
298	Immunological Responses Induced by Blood Protein Coronas on Two-Dimensional MoS Nanosheets. <i>ACS Nano</i> , 2020 , 14, 5529-5542	16.7	35
297	A Heterojunction Structured WO-WSe Nanoradiosensitizer Increases Local Tumor Ablation and Checkpoint Blockade Immunotherapy upon Low Radiation Dose. <i>ACS Nano</i> , 2020 , 14, 5400-5416	16.7	55
296	Time-Resolved Activation of pH Sensing and Imaging in Vivo by a Remotely Controllable DNA Nanomachine. <i>Nano Letters</i> , 2020 , 20, 874-880	11.5	34
295	Nd ³⁺ -Sensitized Upconversion Metal-Organic Frameworks for Mitochondria-Targeted Amplified Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020 , 132, 2656-2660	3.6	7
294	Two-dimensional nanomaterials beyond graphene for antibacterial applications: current progress and future perspectives. <i>Theranostics</i> , 2020 , 10, 757-781	12.1	72
293	Single-Particle Analysis for Structure and Iron Chemistry of Atmospheric Particulate Matter. <i>Analytical Chemistry</i> , 2020 , 92, 975-982	7.8	14
292	Nd ³⁺ -Sensitized Upconversion Metal-Organic Frameworks for Mitochondria-Targeted Amplified Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2634-2638	16.4	99
291	Stimuli-Responsive Small-on-Large Nanoradiosensitizer for Enhanced Tumor Penetration and Radiotherapy Sensitization. <i>ACS Nano</i> , 2020 , 14, 10001-10017	16.7	38
290	Implications of the Human Gut-Brain and Gut-Cancer Axes for Future Nanomedicine. <i>ACS Nano</i> , 2020 , 14, 14391-14416	16.7	13
289	Progress, challenges, and future of nanomedicine. <i>Nano Today</i> , 2020 , 35, 101008	17.9	32
288	Density Functional Theory-Based Method to Predict the Activities of Nanomaterials as Peroxidase Mimics. <i>ACS Catalysis</i> , 2020 , 10, 12657-12665	13.1	33

287	Suppressing the Radiation-Induced Corrosion of Bismuth Nanoparticles for Enhanced Synergistic Cancer Radiophototherapy. <i>ACS Nano</i> , 2020 , 14, 13016-13029	16.7	24
286	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	14.4	36
285	A Dual-Response DNA Probe for Simultaneously Monitoring Enzymatic Activity and Environmental pH Using a Nanopore. <i>Angewandte Chemie</i> , 2019 , 131, 15071-15076	3.6	3
284	Engineered Graphene Oxide Nanocomposite Capable of Preventing the Evolution of Antimicrobial Resistance. <i>ACS Nano</i> , 2019 , 13, 11488-11499	16.7	40
283	Bacillus subtilis causes dissolution of ceria nanoparticles at the nanoBio interface. <i>Environmental Science: Nano</i> , 2019 , 6, 216-223	7.1	11
282	Exploring the Interaction of Fullerenol with Key Digestive Proteases Using Raman-Based Frequency-Shift Sensing and Molecular Simulation Analysis.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 2946-2954 ⁴¹	4.1	1
281	Precision Nanomedicine Development Based on Specific Opsonization of Human Cancer Patient-Personalized Protein Coronas. <i>Nano Letters</i> , 2019 , 19, 4692-4701	11.5	44
280	An Acidic-Microenvironment-Driven DNA Nanomachine Enables Specific ATP Imaging in the Extracellular Milieu of Tumor. <i>Advanced Materials</i> , 2019 , 31, e1901885	24	58
279	Simultaneous enzyme mimicking and chemical reduction mechanisms for nanoceria as a bio-antioxidant: a catalytic model bridging computations and experiments for nanozymes. <i>Nanoscale</i> , 2019 , 11, 13289-13299	7.7	45
278	Strategies based on metal-based nanoparticles for hypoxic-tumor radiotherapy. <i>Chemical Science</i> , 2019 , 10, 6932-6943	9.4	53
277	Ultrasensitive Detection of Circulating Tumor DNA of Lung Cancer via an Enzymatically Amplified SERS-Based Frequency Shift Assay. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 18145-18152	9.5	41
276	Influence of Surface Charge on the Phytotoxicity, Transformation, and Translocation of CeO Nanoparticles in Cucumber Plants. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16905-16913	9.5	22
275	An Extendable Star-Like Nanoplatform for Functional and Anatomical Imaging-Guided Photothermal Oncotherapy. <i>ACS Nano</i> , 2019 , 13, 4379-4391	16.7	42
274	Elemental analysis and imaging of sunscreen fingermarks by X-ray fluorescence. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4151-4157	4.4	5
273	Screen efficiency comparisons of decision tree and neural network algorithms in machine learning assisted drug design. <i>Science China Chemistry</i> , 2019 , 62, 506-514	7.9	5
272	Comparative study of core- and surface-radiolabeling strategies for the assembly of iron oxide nanoparticle-based theranostic nanocomposites. <i>Nanoscale</i> , 2019 , 11, 5909-5913	7.7	3
271	Surface-Functionalized Modified Copper Sulfide Nanoparticles Enhance Checkpoint Blockade Tumor Immunotherapy by Photothermal Therapy and Antigen Capturing. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13964-13972	9.5	64
270	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	7.3	21

269	Enhanced Generation of Non-Oxygen Dependent Free Radicals by Schottky-type Heterostructures of Au-BiS Nanoparticles via X-ray-Induced Catalytic Reaction for Radiosensitization. <i>ACS Nano</i> , 2019 , 13, 5947-5958	16.7	82
268	A Safe-by-Design Strategy towards Safer Nanomaterials in Nanomedicines. <i>Advanced Materials</i> , 2019 , 31, e1805391	24	70
267	Progress and Prospects of Graphdiyne-Based Materials in Biomedical Applications. <i>Advanced Materials</i> , 2019 , 31, e1804386	24	71
266	Precise design of nanomedicines: perspectives for cancer treatment. <i>National Science Review</i> , 2019 , 6, 1107-1110	10.8	19
265	Graphene-Based Smart Platforms for Combined Cancer Therapy. <i>Advanced Materials</i> , 2019 , 31, e1800662	24	156
264	Near-Infrared Light-Initiated Hybridization Chain Reaction for Spatially and Temporally Resolved Signal Amplification. <i>Angewandte Chemie</i> , 2019 , 131, 15019-15023	3.6	20
263	Near-Infrared Light-Initiated Hybridization Chain Reaction for Spatially and Temporally Resolved Signal Amplification. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14877-14881	16.4	89
262	A Dual-Response DNA Probe for Simultaneously Monitoring Enzymatic Activity and Environmental pH Using a Nanopore. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14929-14934	16.4	31
261	The pharmaceutical multi-activity of metallofullerenol invigorates cancer therapy. <i>Nanoscale</i> , 2019 , 11, 14528-14539	7.7	11
260	Stability of Ligands on Nanoparticles Regulating the Integrity of Biological Membranes at the Nano-Lipid Interface. <i>ACS Nano</i> , 2019 , 13, 8680-8693	16.7	38
259	Cellular Responses to Exposure to Outdoor Air from the Chinese Spring Festival at the Air-Liquid Interface. <i>Environmental Science & Technology</i> , 2019 , 53, 9128-9138	10.3	3
258	Emerging Delivery Strategies of Carbon Monoxide for Therapeutic Applications: from CO Gas to CO Releasing Nanomaterials. <i>Small</i> , 2019 , 15, e1904382	11	36
257	Clinical Nanomaterials: A Safe-by-Design Strategy towards Safer Nanomaterials in Nanomedicines (Adv. Mater. 45/2019). <i>Advanced Materials</i> , 2019 , 31, 1970325	24	2
256	Tumor Microenvironment-Responsive Cu(OH)PO Nanocrystals for Selective and Controllable Radiosensitization via the X-ray-Triggered Fenton-like Reaction. <i>Nano Letters</i> , 2019 , 19, 1749-1757	11.5	98
255	Translocation, biotransformation-related degradation, and toxicity assessment of polyvinylpyrrolidone-modified 2H-phase nano-MoS. <i>Nanoscale</i> , 2019 , 11, 4767-4780	7.7	28
254	A tumour-selective cascade activatable self-detained system for drug delivery and cancer imaging. <i>Nature Communications</i> , 2019 , 10, 4861	17.4	85
253	A photochromic upconversion nanoarchitecture: towards activatable bioimaging and dual NIR light-programmed singlet oxygen generation. <i>Chemical Science</i> , 2019 , 10, 10231-10239	9.4	30
252	Emerging Strategies of Nanomaterial-Mediated Tumor Radiosensitization. <i>Advanced Materials</i> , 2019 , 31, e1802244	24	128

251	Generalized Preparation of Two-Dimensional Quasi-nanosheets via Self-assembly of Nanoparticles. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1725-1734	16.4	22
250	Tumor microenvironment-manipulated radiocatalytic sensitizer based on bismuth heteropolytungstate for radiotherapy enhancement. <i>Biomaterials</i> , 2019 , 189, 11-22	15.6	91
249	Boron and Nitrogen Co-Doping of Graphynes without Inducing Empty or Doubly Filled States in EConjugated Systems. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 625-630	3.8	2
248	Engineering Multifunctional DNA Hybrid Nanospheres through Coordination-Driven Self-Assembly. <i>Angewandte Chemie</i> , 2019 , 131, 1364-1368	3.6	20
247	Engineering Multifunctional DNA Hybrid Nanospheres through Coordination-Driven Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1350-1354	16.4	88
246	Graphdiyne Nanoparticles with High Free Radical Scavenging Activity for Radiation Protection. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2579-2590	9.5	76
245	Immobilized Ferrous Ion and Glucose Oxidase on Graphdiyne and Its Application on One-Step Glucose Detection. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2647-2654	9.5	56
244	Turning On/Off the Anti-Tumor Effect of the Au Cluster via Atomically Controlling Its Molecular Size. <i>ACS Nano</i> , 2018 , 12, 4378-4386	16.7	29
243	Probing Adsorption Behaviors of BSA onto Chiral Surfaces of Nanoparticles. <i>Small</i> , 2018 , 14, e1703982	11	38
242	Exploring Actinide Materials through Synchrotron Radiation Techniques 2018 , 389-509		2
241	Graphdiyne Nanosheet-Based Drug Delivery Platform for Photothermal/Chemotherapy Combination Treatment of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 8436-8442	9.5	96
240	Acute Oral Administration of Single-Walled Carbon Nanotubes Increases Intestinal Permeability and Inflammatory Responses: Association with the Changes in Gut Microbiota in Mice. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701313	10.1	22
239	A DNA nanorobot functions as a cancer therapeutic in response to a molecular trigger in vivo. <i>Nature Biotechnology</i> , 2018 , 36, 258-264	44.5	702
238	Intelligent MoS 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	9.5	93
237	Early-life exposure to three size-fractionated ultrafine and fine atmospheric particulates in Beijing exacerbates asthma development in mature mice. <i>Particle and Fibre Toxicology</i> , 2018 , 15, 13	8.4	37
236	Specific detection and effective inhibition of a single bacterial species in situ using peptide mineralized Au cluster probes. <i>Science China Chemistry</i> , 2018 , 61, 627-634	7.9	9
235	Nucleosome-inspired nanocarrier obtains encapsulation efficiency enhancement and side effects reduction in chemotherapy by using fullerene assembled with doxorubicin. <i>Biomaterials</i> , 2018 , 167, 205-215	15.6	43
234	Gut Microbiota: Acute Oral Administration of Single-Walled Carbon Nanotubes Increases Intestinal Permeability and Inflammatory Responses: Association with the Changes in Gut Microbiota in Mice (Adv. Healthcare Mater. 13/2018). <i>Advanced Healthcare Materials</i> , 2018 , 7, 1870053	10.1	

233	Application of Multifunctional Nanomaterials in Radioprotection of Healthy Tissues. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800421	10.1	37
232	A Size-Reducible Nanodrug with an Aggregation-Enhanced Photodynamic Effect for Deep Chemo-Photodynamic Therapy. <i>Angewandte Chemie</i> , 2018 , 130, 11554-11558	3.6	21
231	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	16.4	148
230	Walking the line: The fate of nanomaterials at biological barriers. <i>Biomaterials</i> , 2018 , 174, 41-53	15.6	93
229	In Situ Monitoring the Aggregation Dynamics of Amyloid- β Protein A β 2 in Physiological Media via a Raman-Based Frequency Shift Method.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 814-824	4.1	11
228	Reversal of pancreatic desmoplasia by re-educating stellate cells with a tumour microenvironment-activated nanosystem. <i>Nature Communications</i> , 2018 , 9, 3390	17.4	166
227	Gd@C(OH) harnesses inflammatory regeneration for osteogenesis of mesenchymal stem cells through JNK/STAT3 signaling pathway. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5802-5811	7.3	10
226	Quantification of Nanomaterial/Nanomedicine Trafficking in Vivo. <i>Analytical Chemistry</i> , 2018 , 90, 589-614	14.8	60
225	Solidifying framework nucleic acids. <i>Science China Chemistry</i> , 2018 , 61, 1481-1482	7.9	
224	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256
223	Ultrasensitive Detection of Serum MicroRNA Using Branched DNA-Based SERS Platform Combining Simultaneous Detection of α Fetoprotein for Early Diagnosis of Liver Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34869-34877	9.5	37
222	Mechanisms of Antioxidant Activities of Fullerenols from First-Principles Calculation. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 8183-8190	2.8	16
221	The Precise Diagnosis of Cancer Invasion/Metastasis via 2D Laser Ablation Mass Mapping of Metalloproteinase in Primary Cancer Tissue. <i>ACS Nano</i> , 2018 , 12, 11139-11151	16.7	15
220	Functionalized MoS Nanovehicle with Near-Infrared Laser-Mediated Nitric Oxide Release and Photothermal Activities for Advanced Bacteria-Infected Wound Therapy. <i>Small</i> , 2018 , 14, e1802290	11	158
219	Frontispiece: Simultaneous Quantification of Multiple Cancer Biomarkers in Blood Samples through DNA-Assisted Nanopore Sensing. <i>Angewandte Chemie - International Edition</i> , 2018 , 57,	16.4	1
218	X-Ray-Controlled Generation of Peroxynitrite Based on Nanosized LiLuF :Ce Scintillators and their Applications for Radiosensitization. <i>Advanced Materials</i> , 2018 , 30, e1804046	24	78
217	Simultaneous Quantification of Multiple Cancer Biomarkers in Blood Samples through DNA-Assisted Nanopore Sensing. <i>Angewandte Chemie</i> , 2018 , 130, 12058-12063	3.6	9
216	Simultaneous Quantification of Multiple Cancer Biomarkers in Blood Samples through DNA-Assisted Nanopore Sensing. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11882-11887	16.4	48

215	Frequency Shift Raman-Based Sensing of Serum MicroRNAs for Early Diagnosis and Discrimination of Primary Liver Cancers. <i>Analytical Chemistry</i> , 2018 , 90, 10144-10151	7.8	25
214	Harnessing Tumor Microenvironment for Nanoparticle-Mediated Radiotherapy. <i>Advanced Therapeutics</i> , 2018 , 1, 1800050	4.9	26
213	One Second Formation of Large Area Graphene on a Conical Tip Surface via Direct Transformation of Surface Carbide. <i>Small</i> , 2018 , 14, e1801288	11	0
212	Trophic Transfer and Transformation of CeO Nanoparticles along a Terrestrial Food Chain: Influence of Exposure Routes. <i>Environmental Science & Technology</i> , 2018 , 52, 7921-7927	10.3	37
211	mTOR Signaling in Parkinson's Disease. <i>NeuroMolecular Medicine</i> , 2017 , 19, 1-10	4.6	40
210	A highly sensitive SERS-based platform for Zn(II) detection in cellular media. <i>Chemical Communications</i> , 2017 , 53, 1797-1800	5.8	21
209	Size-Dependent AgS Nanodots for Second Near-Infrared Fluorescence/Photoacoustics Imaging and Simultaneous Photothermal Therapy. <i>ACS Nano</i> , 2017 , 11, 1848-1857	16.7	283
208	Biodistribution, excretion, and toxicity of polyethyleneimine modified NaYF ₃ :Yb,Er upconversion nanoparticles in mice via different administration routes. <i>Nanoscale</i> , 2017 , 9, 4497-4507	7.7	48
207	Protein-directed synthesis of Bi ₂ S ₃ nanoparticles as an efficient contrast agent for visualizing the gastrointestinal tract. <i>RSC Advances</i> , 2017 , 7, 17505-17513	3.7	11
206	Design of TPGS-functionalized CuBiS nanocrystals with strong absorption in the second near-infrared window for radiation therapy enhancement. <i>Nanoscale</i> , 2017 , 9, 8229-8239	7.7	57
205	Chiral Surface of Nanoparticles Determines the Orientation of Adsorbed Transferrin and Its Interaction with Receptors. <i>ACS Nano</i> , 2017 , 11, 4606-4616	16.7	81
204	Polyoxometalate-Based Radiosensitization Platform for Treating Hypoxic Tumors by Attenuating Radioresistance and Enhancing Radiation Response. <i>ACS Nano</i> , 2017 , 11, 7164-7176	16.7	112
203	Ceria Nanoparticles as Enzyme Mimetics. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 791-800	4.9	21
202	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	9.5	39
201	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	9.5	55
200	Fullerenol inhibits the cross-talk between bone marrow-derived mesenchymal stem cells and tumor cells by regulating MAPK signaling. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017 , 13, 1879-1890	6	13
199	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017 , 11, 2313-2381	16.7	714
198	Au Nanoclusters and Photosensitizer Dual Loaded Spatiotemporal Controllable Liposomal Nanocomposites Enhance Tumor Photodynamic Therapy Effect by Inhibiting Thioredoxin Reductase. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601453	10.1	22

197	Bifunctional Tellurium Nanodots for Photo-Induced Synergistic Cancer Therapy. <i>ACS Nano</i> , 2017 , 11, 10012-10024	16.7	112
196	Synthesis of BSA-Coated BiOI@Bi ₂ S ₃ Semiconductor Heterojunction Nanoparticles and Their Applications for Radio/Photodynamic/Photothermal Synergistic Therapy of Tumor. <i>Advanced Materials</i> , 2017 , 29, 1704136	24	189
195	Elemental Bismuth-Graphene Heterostructures for Photocatalysis from Ultraviolet to Infrared Light. <i>ACS Catalysis</i> , 2017 , 7, 7043-7050	13.1	49
194	Photothermal Effect Enhanced Cascade-Targeting Strategy for Improved Pancreatic Cancer Therapy by Gold Nanoshell@Mesoporous Silica Nanorod. <i>ACS Nano</i> , 2017 , 11, 8103-8113	16.7	104
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