

# Zhuang Liu

## 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.

449  
papers

81,627  
citations

149  
h-index

278  
g-index

467  
ext. papers

91,632  
ext. citations

12.7  
avg, IF

8.46  
L-index

#	Paper	IF	Citations
449	A novel chemosensor for sensitive and facile detection of strontium ions based on ion-imprinted hydrogels modified with guanosine derivatives. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 421, 126801	12.8	3
448	Pseudo Polyampholytes with Sensitively Ion-Responsive Conformational Transition Based on Positively Charged Host-Guest Complexes.. <i>Macromolecular Rapid Communications</i> , <b>2022</b> , e2200127	4.8	0
447	Magnetically Assembled Photonic Crystal Gels with Wide Thermochromic Range and High Sensitivity. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2100200	4.8	3
446	Injectable Temperature/Glucose Dual-Responsive Hydrogels for Controlled Release of Insulin. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 8147-8158	3.9	3
445	Facile Fabrication of Photocatalyst-Immobilized Gel Beads with Interconnected Macropores for the Efficient Removal of Pollutants in Water. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 8762-8775 <sup>3</sup>	3.9	3
444	Novel Multifunctional Stimuli-Responsive Nanoparticles for Synergetic Chemo-Photothermal Therapy of Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 28802-28817	9.5	14
443	Construction of Enzyme Nanoreactors to Enable Tumor Microenvironment Modulation and Enhanced Cancer Treatment. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2001167	10.1	9
442	Sonodynamic therapy with immune modulatable two-dimensional coordination nanosheets for enhanced anti-tumor immunotherapy. <i>Nano Research</i> , <b>2021</b> , 14, 212-221	10	29
441	Engineering two-dimensional silicene composite nanosheets for dual-sensitized and photonic hyperthermia-augmented cancer radiotherapy. <i>Biomaterials</i> , <b>2021</b> , 269, 120455	15.6	19
440	Controlled release of immunotherapeutics for enhanced cancer immunotherapy after local delivery. <i>Journal of Controlled Release</i> , <b>2021</b> , 329, 882-893	11.7	6
439	Bacteria-derived membrane vesicles to advance targeted photothermal tumor ablation. <i>Biomaterials</i> , <b>2021</b> , 268, 120550	15.6	22
438	Thermo-Triggered In Situ Chitosan-Based Gelation System for Repeated and Enhanced Sonodynamic Therapy Post a Single Injection. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2001208	10.1	5
437	Functional microparticles from multiscale regulation of multiphase emulsions for mass-transfer intensification. <i>Chemical Engineering Science</i> , <b>2021</b> , 231, 116242	4.4	3
436	Visual detection of trace lead(II) using a forward osmosis-driven device loaded with ion-responsive nanogels. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 404, 124157	12.8	3
435	Designable Micro-/Nano-Structured Smart Polymeric Materials.. <i>Advanced Materials</i> , <b>2021</b> , e2107877	24	5
434	Microfluidic Fabrication of Structure-Controlled Chitosan Microcapsules via Interfacial Cross-Linking of Droplet Templates. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 57514-57525	9.5	10
433	DNA-Edited Ligand Positioning on Red Blood Cells to Enable Optimized T Cell Activation for Adoptive Immunotherapy. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 14842-14853	16.4	30

432	Photoactivated H Nanogenerator for Enhanced Chemotherapy of Bladder Cancer. <i>ACS Nano</i> , <b>2020</b> , 14, 8135-8148	16.7	32
431	Smart Hydrogel Grating Immunosensors for Highly Selective and Sensitive Detection of Human-IgG. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 10469-10475	3.9	7
430	Oxaliplatin-/NLG919 prodrugs-constructed liposomes for effective chemo-immunotherapy of colorectal cancer. <i>Biomaterials</i> , <b>2020</b> , 255, 120190	15.6	29
429	Hybrid Graphene Oxide/Laponite Layered Membranes with Stable Two-Dimensional Nanochannels for Efficient Separations in Aqueous Environments. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 12441-12450	3.9	4
428	Perfluorocarbon nanodroplets stabilized with cisplatin-prodrug-constructed lipids enable efficient tumor oxygenation and chemo-radiotherapy of cancer. <i>Nanoscale</i> , <b>2020</b> , 12, 14764-14774	7.7	13
427	Injectable Nonmagnetic Liquid Metal for Eddy-Thermal Ablation of Tumors under Alternating Magnetic Field. <i>Small Methods</i> , <b>2020</b> , 4, 2000147	12.8	17
426	Photosensitizer-Modified MnO Nanoparticles to Enhance Photodynamic Treatment of Abscesses and Boost Immune Protection for Treated Mice. <i>Small</i> , <b>2020</b> , 16, e2000589	11	40
425	Porous Pt nanoparticles loaded with doxorubicin to enable synergistic Chemo-/Electrodynamic Therapy. <i>Biomaterials</i> , <b>2020</b> , 255, 120202	15.6	37
424	Ultrafine Titanium Monoxide (TiO) Nanorods for Enhanced Sonodynamic Therapy. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 6527-6537	16.4	151
423	Synthesis of CaCO <sub>3</sub> -Based Nanomedicine for Enhanced Sonodynamic Therapy via Amplification of Tumor Oxidative Stress. <i>Chem</i> , <b>2020</b> , 6, 1391-1407	16.2	98
422	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , <b>2020</b> , 10, 4030-4041	12.1	9
421	Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. <i>Biomaterials</i> , <b>2020</b> , 246, 119971	15.6	29
420	Localized cocktail chemoimmunotherapy after in situ gelation to trigger robust systemic antitumor immune responses. <i>Science Advances</i> , <b>2020</b> , 6, eaaz4204	14.3	70
419	Tumor microenvironment-responsive intelligent nanoplatfoms for cancer theranostics. <i>Nano Today</i> , <b>2020</b> , 32, 100851	17.9	118
418	Biodegradable Nanoscale Coordination Polymers for Targeted Tumor Combination Therapy with Oxidative Stress Amplification. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1908865	15.6	58
417	The enhanced permeability and retention effect based nanomedicine at the site of injury. <i>Nano Research</i> , <b>2020</b> , 13, 564-569	10	28
416	Fluorinated Chitosan To Enhance Transmucosal Delivery of Sonosensitizer-Conjugated Catalase for Sonodynamic Bladder Cancer Treatment Post-intravesical Instillation. <i>ACS Nano</i> , <b>2020</b> , 14, 1586-1599	16.7	77
415	Protein-drug conjugate programmed by pH-reversible linker for tumor hypoxia relief and enhanced cancer combination therapy. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 582, 119321	6.5	10

414	Mesoporous silica decorated with platinum nanoparticles for drug delivery and synergistic electrodynamic-chemotherapy. <i>Nano Research</i> , <b>2020</b> , 13, 2209-2215	10	19
413	Calming Cytokine Storm in Pneumonia by Targeted Delivery of TPCA-1 Using Platelet-Derived Extracellular Vesicles. <i>Matter</i> , <b>2020</b> , 3, 287-301	12.7	53
412	GSH-Depleted PtCu <sub>3</sub> Nanocages for Chemodynamic- Enhanced Sonodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1907954	15.6	184
411	In Situ Formed Fibrin Scaffold with Cyclophosphamide to Synergize with Immune Checkpoint Blockade for Inhibition of Cancer Recurrence after Surgery. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1906922	15.6	33
410	Advances in imaging strategies for in vivo tracking of exosomes. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2020</b> , 12, e1594	9.2	26
409	Chemiluminescent Nanosystems for Imaging Cancer Chemodynamic Therapy. <i>CheM</i> , <b>2020</b> , 6, 2127-2129	16.2	10
408	An implantable blood clot-based immune niche for enhanced cancer vaccination. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	33
407	Simple and Continuous Fabrication of Self-Propelled Micromotors with Photocatalytic Metal-Organic Frameworks for Enhanced Synergistic Environmental Remediation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 35120-35131	9.5	29
406	Synthesis of CaCO <sub>3</sub> -Based Nanomedicine for Enhanced Sonodynamic Therapy via Amplification of Tumor Oxidative Stress. <i>CheM</i> , <b>2020</b> , 6, 1495-1497	16.2	12
405	Surfactant-stripped J-aggregates of azaBODIPY derivatives: All-in-one phototheranostics in the second near infrared window. <i>Journal of Controlled Release</i> , <b>2020</b> , 326, 256-264	11.7	7
404	Ultras-small Iron-Doped Titanium Oxide Nanodots for Enhanced Sonodynamic and Chemodynamic Cancer Therapy. <i>ACS Nano</i> , <b>2020</b> , 14, 15119-15130	16.7	66
403	A Novel Strategy to Fabricate Cation-Cross-linked Graphene Oxide Membrane with High Aqueous Stability and High Separation Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56269-56280	9.5	14
402	V-TiO <sub>2</sub> nanospindles with regulating tumor microenvironment performance for enhanced sonodynamic cancer therapy. <i>Applied Physics Reviews</i> , <b>2020</b> , 7, 041411	17.3	29
401	Biodegradable Fe-Doped Vanadium Disulfide Theranostic Nanosheets for Enhanced Sonodynamic/Chemodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 52370-52382	9.5	31
400	Injectable Anti-inflammatory Nanofiber Hydrogel to Achieve Systemic Immunotherapy Post Local Administration. <i>Nano Letters</i> , <b>2020</b> , 20, 6763-6773	11.5	31
399	Preparation of TiH nanodots by liquid-phase exfoliation for enhanced sonodynamic cancer therapy. <i>Nature Communications</i> , <b>2020</b> , 11, 3712	17.4	77
398	Capsule membranes encapsulated with smart nanogels for facile detection of trace lead(II) ions in water. <i>Journal of Membrane Science</i> , <b>2020</b> , 613, 118523	9.6	8
397	ROS-scavenging hydrogel to promote healing of bacteria infected diabetic wounds. <i>Biomaterials</i> , <b>2020</b> , 258, 120286	15.6	108

396	Recent progress of chemodynamic therapy-induced combination cancer therapy. <i>Nano Today</i> , <b>2020</b> , 35, 100946	17.9	140
395	Bacteria-triggered tumor-specific thrombosis to enable potent photothermal immunotherapy of cancer. <i>Science Advances</i> , <b>2020</b> , 6, eaba3546	14.3	54
394	Metal-polyphenol-network coated CaCO <sub>3</sub> as pH-responsive nanocarriers to enable effective intratumoral penetration and reversal of multidrug resistance for augmented cancer treatments. <i>Nano Research</i> , <b>2020</b> , 13, 3057-3067	10	16
393	Injectable Reactive Oxygen Species-Responsive SN38 Prodrug Scaffold with Checkpoint Inhibitors for Combined Chemoimmunotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 50248-50259	9.5	12
392	A general strategy towards personalized nanovaccines based on fluoropolymers for post-surgical cancer immunotherapy. <i>Nature Nanotechnology</i> , <b>2020</b> , 15, 1043-1052	28.7	124
391	Recent advances in functional nanomaterials for X-ray triggered cancer therapy. <i>Progress in Natural Science: Materials International</i> , <b>2020</b> , 30, 567-576	3.6	14
390	Oxygen-Deficient Bimetallic Oxide FeWO Nanosheets as Peroxidase-Like Nanozyme for Sensing Cancer via Photoacoustic Imaging. <i>Small</i> , <b>2020</b> , 16, e2003496	11	29
389	Bimetallic Oxide FeWOX Nanosheets as Multifunctional Cascade Bioreactors for Tumor Microenvironment-Modulation and Enhanced Multimodal Cancer Therapy. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2002753	15.6	36
388	βCyclodextrin-modified graphene oxide membranes with large adsorption capacity and high flux for efficient removal of bisphenol A from water. <i>Journal of Membrane Science</i> , <b>2020</b> , 595, 117510	9.6	33
387	Near-infrared light and glucose dual-responsive cascading hydroxyl radical generation for in situ gelation and effective breast cancer treatment. <i>Biomaterials</i> , <b>2020</b> , 228, 119568	15.6	69
386	Smart Injectable Hydrogels for Cancer Immunotherapy. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1902785	5.6	90
385	Polyoxomolybdate (POM) nanoclusters with radiosensitizing and scintillating properties for low dose X-ray inducible radiation-radiodynamic therapy. <i>Nanoscale Horizons</i> , <b>2020</b> , 5, 109-118	10.8	14
384	2D Nanomaterials for Cancer Theranostic Applications. <i>Advanced Materials</i> , <b>2020</b> , 32, e1902333	24	193
383	CaCO-Assisted Preparation of pH-Responsive Immune-Modulating Nanoparticles for Augmented Chemo-Immunotherapy. <i>Nano-Micro Letters</i> , <b>2020</b> , 13, 29	19.5	15
382	Red blood cell-derived nanoerythroosome for antigen delivery with enhanced cancer immunotherapy. <i>Science Advances</i> , <b>2019</b> , 5, eaaw6870	14.3	131
381	Smart Hydrogel Gratings for Sensitive, Facile, and Rapid Detection of Ethanol Concentration. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 17833-17841	3.9	10
380	Cerenkov Luminescence-Induced NO Release from <sup>32</sup> P-Labeled ZnFe(CN) <sub>5</sub> NO Nanosheets to Enhance Radioisotope-Immunotherapy. <i>Matter</i> , <b>2019</b> , 1, 1061-1076	12.7	43
379	In situ thermal ablation of tumors in combination with nano-adjuvant and immune checkpoint blockade to inhibit cancer metastasis and recurrence. <i>Biomaterials</i> , <b>2019</b> , 224, 119490	15.6	36

378	Nanoparticle-Enhanced Radiotherapy to Trigger Robust Cancer Immunotherapy. <i>Advanced Materials</i> , <b>2019</b> , 31, e1802228	24	265
377	Nanoparticle-mediated internal radioisotope therapy to locally increase the tumor vasculature permeability for synergistically improved cancer therapies. <i>Biomaterials</i> , <b>2019</b> , 197, 368-379	15.6	37
376	Iron Nanoparticles for Low-Power Local Magnetic Hyperthermia in Combination with Immune Checkpoint Blockade for Systemic Antitumor Therapy. <i>Nano Letters</i> , <b>2019</b> , 19, 4287-4296	11.5	113
375	Transparent thermo-responsive poly(N-isopropylacrylamide)-l-poly(ethylene glycol)acrylamide conetwork hydrogels with rapid deswelling response. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 9507-9515	3.6	10
374	Hyaluronidase with pH-responsive Dextran Modification as an Adjuvant Nanomedicine for Enhanced Photodynamic-Immunotherapy of Cancer. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1902440	15.6	103
373	A Hypoxia-Responsive Albumin-Based Nanosystem for Deep Tumor Penetration and Excellent Therapeutic Efficacy. <i>Advanced Materials</i> , <b>2019</b> , 31, e1901513	24	159
372	Platelets as platforms for inhibition of tumor recurrence post-physical therapy by delivery of anti-PD-L1 checkpoint antibody. <i>Journal of Controlled Release</i> , <b>2019</b> , 304, 233-241	11.7	34
371	Fluorinated Polymer Mediated Transmucosal Peptide Delivery for Intravesical Instillation Therapy of Bladder Cancer. <i>Small</i> , <b>2019</b> , 15, e1900936	11	37
370	Nanocomposite Hydrogels with Optic-Sonic Transparency and Hydroacoustic-Sensitive Conductivity for Potential Antiscouting Sonar. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 20386-20393	9.5	9
369	Light-Triggered In Situ Gelation to Enable Robust Photodynamic-Immunotherapy by Repeated Stimulations. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900927	24	157
368	Preparation and Characterization of Novel Low-Temperature/pH Dual-Responsive Poly(N-isopropylacrylamide-co-1H-benzimidazolyl-ethyl acrylate) Copolymers. <i>Macromolecular Chemistry and Physics</i> , <b>2019</b> , 220, 1900123	2.6	1
367	Nanovaccine based on a protein-delivering dendrimer for effective antigen cross-presentation and cancer immunotherapy. <i>Biomaterials</i> , <b>2019</b> , 207, 1-9	15.6	79
366	Ultrasmall Oxygen-Deficient Bimetallic Oxide MnWO Nanoparticles for Depletion of Endogenous GSH and Enhanced Sonodynamic Cancer Therapy. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900730	24	232
365	Platinum Nanoparticles to Enable Electrodynamical Therapy for Effective Cancer Treatment. <i>Advanced Materials</i> , <b>2019</b> , 31, e1806803	24	70
364	Fluorinated Polyethylenimine to Enable Transmucosal Delivery of Photosensitizer-Conjugated Catalase for Photodynamic Therapy of Orthotopic Bladder Tumors Postintravesical Instillation. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1901932	15.6	64
363	Nanoscale metal-organic frameworks and coordination polymers as theranostic platforms for cancer treatment. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 398, 113009	23.2	42
362	A novel membrane with ion-recognizable copolymers in graphene-based nanochannels for facilitated transport of potassium ions. <i>Journal of Membrane Science</i> , <b>2019</b> , 591, 117345	9.6	10
361	Chitosan microcapsule membranes with nanoscale thickness for controlled release of drugs. <i>Journal of Membrane Science</i> , <b>2019</b> , 590, 117275	9.6	25

360	Cell-Penetrating Peptide Enhanced Antigen Presentation for Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 2115-2126	6.3	9
359	Intelligent protein-coated bismuth sulfide and manganese oxide nanocomposites obtained by biomineralization for multimodal imaging-guided enhanced tumor therapy. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 5170-5181	7.3	17
358	Hollow Cu <sub>2</sub> Se Nanozymes for Tumor Photothermal-Catalytic Therapy. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 6174-6186	9.6	122
357	Hybrid Protein Nano-Reactors Enable Simultaneous Increments of Tumor Oxygenation and Iodine-131 Delivery for Enhanced Radionuclide Therapy. <i>Small</i> , <b>2019</b> , 15, e1903628	11	17
356	Local biomaterials-assisted cancer immunotherapy to trigger systemic antitumor responses. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 5506-5526	58.5	118
355	Ultrasound-Responsive Conversion of Microbubbles to Nanoparticles to Enable Background-Free in Vivo Photoacoustic Imaging. <i>Nano Letters</i> , <b>2019</b> , 19, 8109-8117	11.5	29
354	Nanoparticle-Embedded Electrospun Fiber-Covered Stent to Assist Intraluminal Photodynamic Treatment of Oesophageal Cancer. <i>Small</i> , <b>2019</b> , 15, e1904979	11	18
353	Renal Clearable Ru-based Coordination Polymer Nanodots for Photoacoustic Imaging Guided Cancer Therapy. <i>Theranostics</i> , <b>2019</b> , 9, 8266-8276	12.1	14
352	Nanoscale Coordination Polymer Based Nanovaccine for Tumor Immunotherapy. <i>ACS Nano</i> , <b>2019</b> , 13, 13127-13135	16.7	43
351	Reactive Oxygen Species-Activatable Liposomes Regulating Hypoxic Tumor Microenvironment for Synergistic Photo/Chemodynamic Therapies. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1905013	15.6	82
350	Designable Polymeric Microparticles from Droplet Microfluidics for Controlled Drug Release. <i>Advanced Materials Technologies</i> , <b>2019</b> , 4, 1800687	6.8	41
349	Controllable Fabrication of Functional Microhelices with Droplet Microfluidics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 46241-46250	9.5	9
348	Controllable growth of Au nanostructures onto MoS nanosheets for dual-modal imaging and photothermal-radiation combined therapy. <i>Nanoscale</i> , <b>2019</b> , 11, 22788-22795	7.7	11
347	Amplification of Tumor Oxidative Stresses with Liposomal Fenton Catalyst and Glutathione Inhibitor for Enhanced Cancer Chemotherapy and Radiotherapy. <i>Nano Letters</i> , <b>2019</b> , 19, 805-815	11.5	217
346	Two-dimensional metal-organic-framework as a unique theranostic nano-platform for nuclear imaging and chemo-photodynamic cancer therapy. <i>Nano Research</i> , <b>2019</b> , 12, 1307-1312	10	50
345	Bubble-Propelled Hierarchical Porous Micromotors from Evolved Double Emulsions. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 1590-1600	3.9	17
344	Therapeutic Protein PEPylation: The Helix of Nonfouling Synthetic Polypeptides Minimizes Antidrug Antibody Generation. <i>ACS Central Science</i> , <b>2019</b> , 5, 229-236	16.8	37
343	Multifunctional Two-Dimensional Core-Shell MXene@Gold Nanocomposites for Enhanced Photo-Radio Combined Therapy in the Second Biological Window. <i>ACS Nano</i> , <b>2019</b> , 13, 284-294	16.7	148

342	Effect of adding a smart potassium ion-responsive copolymer into polysulfone support membrane on the performance of thin-film composite nanofiltration membrane. <i>Frontiers of Chemical Science and Engineering</i> , <b>2019</b> , 13, 400-414	4.5	3
341	In situ formed reactive oxygen species-responsive scaffold with gemcitabine and checkpoint inhibitor for combination therapy. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	318
340	Core-shell TaOx@MnO nanoparticles as a nano-radiosensitizer for effective cancer radiotherapy. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 2250-2257	7.3	30
339	Upconversion Composite Nanoparticles for Tumor Hypoxia Modulation and Enhanced Near-Infrared-Triggered Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 15494-15503 <sup>66</sup>	9.5	15503
338	A Novel Thermoresponsive Catalytic Membrane with Multiscale Pores Prepared via Vapor-Induced Phase Separation. <i>Small</i> , <b>2018</b> , 14, e1703650	11	17
337	A Simple Device Based on Smart Hollow Microgels for Facile Detection of Trace Lead(II) Ions. <i>ChemPhysChem</i> , <b>2018</b> , 19, 2025-2036	3.2	6
336	pH-Responsive Nanoscale Covalent Organic Polymers as a Biodegradable Drug Carrier for Combined Photodynamic Chemotherapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 14475-14482	9.5	70
335	Glucose & oxygen exhausting liposomes for combined cancer starvation and hypoxia-activated therapy. <i>Biomaterials</i> , <b>2018</b> , 162, 123-131	15.6	151
334	Synthesis of Hollow Biomineralized CaCO <sub>3</sub> -Polydopamine Nanoparticles for Multimodal Imaging-Guided Cancer Photodynamic Therapy with Reduced Skin Photosensitivity. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2165-2178	16.4	290
333	Reassembly of Zr-Labeled Cancer Cell Membranes into Multicompartment Membrane-Derived Liposomes for PET-Trackable Tumor-Targeted Theranostics. <i>Advanced Materials</i> , <b>2018</b> , 30, e1704934	24	63
332	Biomimetic Copper Sulfide for Chemo-Radiotherapy: Enhanced Uptake and Reduced Efflux of Nanoparticles for Tumor Cells under Ionizing Radiation. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705161 <sup>15.6</sup>	15.6	55
331	2D MoS <sub>2</sub> Nanostructures for Biomedical Applications. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, e1701158	10.1	89
330	Graphene-based membranes with uniform 2D nanochannels for precise sieving of mono-/multi-valent metal ions. <i>Journal of Membrane Science</i> , <b>2018</b> , 550, 208-218	9.6	65
329	Red Blood Cells as Smart Delivery Systems. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 852-860	6.3	96
328	Smart Nanoreactors for pH-Responsive Tumor Homing, Mitochondria-Targeting, and Enhanced Photodynamic-Immunotherapy of Cancer. <i>Nano Letters</i> , <b>2018</b> , 18, 2475-2484	11.5	245
327	Facile Fabrication of Bubble-Propelled Micromotors Carrying Nanocatalysts for Water Remediation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 4562-4570	3.9	21
326	Polydopamine nanoparticles for the treatment of acute inflammation-induced injury. <i>Nanoscale</i> , <b>2018</b> , 10, 6981-6991	7.7	103
325	Trojan-Horse-Like Stimuli-Responsive Microcapsules. <i>Advanced Science</i> , <b>2018</b> , 5, 1700960	13.6	57



324	The acidic tumor microenvironment: a target for smart cancer nano-theranostics. <i>National Science Review</i> , <b>2018</b> , 5, 269-286	10.8	144
323	Effect of Oxidized-Group-Supported Lamellar Distance on Stability of Graphene-Based Membranes in Aqueous Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 9439-9447	3.9	17
322	Toward Biomaterials for Enhancing Immune Checkpoint Blockade Therapy. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1802540	15.6	69
321	Iridium nanocrystals encapsulated liposomes as near-infrared light controllable nanozymes for enhanced cancer radiotherapy. <i>Biomaterials</i> , <b>2018</b> , 181, 81-91	15.6	89
320	Highly Effective Radioisotope Cancer Therapy with a Non-Therapeutic Isotope Delivered and Sensitized by Nanoscale Coordination Polymers. <i>ACS Nano</i> , <b>2018</b> , 12, 7519-7528	16.7	40
319	Photosensitizer-crosslinked in-situ polymerization on catalase for tumor hypoxia modulation & enhanced photodynamic therapy. <i>Biomaterials</i> , <b>2018</b> , 181, 310-317	15.6	118
318	Nanomedicine for tumor microenvironment modulation and cancer treatment enhancement. <i>Nano Today</i> , <b>2018</b> , 21, 55-73	17.9	169
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186	Photosensitizer cross-linked nano-micelle platform for multimodal imaging guided synergistic photothermal/photodynamic therapy. <i>Nanoscale</i> , <b>2016</b> , 8, 15323-39	7.7	65
185	In vivo targeting of metastatic breast cancer via tumor vasculature-specific nano-graphene oxide. <i>Biomaterials</i> , <b>2016</b> , 104, 361-71	15.6	93
184	Two-dimensional TiS <sub>2</sub> nanosheets for in vivo photoacoustic imaging and photothermal cancer therapy. <i>Nanoscale</i> , <b>2015</b> , 7, 6380-7	7.7	165
183	Remotely Controlled Red Blood Cell Carriers for Cancer Targeting and Near-Infrared Light-Triggered Drug Release in Combined Photothermal Chemotherapy. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2386-2394	15.6	133
182	Radionuclide ( <sup>131</sup> I) labeled reduced graphene oxide for nuclear imaging guided combined radio- and photothermal therapy of cancer. <i>Biomaterials</i> , <b>2015</b> , 66, 21-8	15.6	158
181	Microfluidic Fabrication of Bio-Inspired Microfibers with Controllable Magnetic Spindle-Knots for 3D Assembly and Water Collection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 17471-81	9.5	76



180	Nano-assemblies of J-aggregates based on a NIR dye as a multifunctional drug carrier for combination cancer therapy. <i>Biomaterials</i> , <b>2015</b> , 57, 84-92	15.6	78
179	Monodisperse erythrocyte-sized and acid-soluble chitosan microspheres prepared via electrospraying. <i>RSC Advances</i> , <b>2015</b> , 5, 34243-34250	3.7	21
178	Mn <sup>2+</sup> -doped prussian blue nanocubes for bimodal imaging and photothermal therapy with enhanced performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 11575-82	9.5	89
177	MoS <sub>2</sub> -based nanoprobe for detection of silver ions in aqueous solutions and bacteria. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 7526-33	9.5	69
176	Uniform Microparticles with Controllable Highly Interconnected Hierarchical Porous Structures. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 13758-67	9.5	43
175	Drug-Induced Self-Assembly of Modified Albumins as Nano-theranostics for Tumor-Targeted Combination Therapy. <i>ACS Nano</i> , <b>2015</b> , 9, 5223-33	16.7	269
174	Simultaneous isolation and detection of circulating tumor cells with a microfluidic silicon-nanowire-array integrated with magnetic upconversion nanoprobe. <i>Biomaterials</i> , <b>2015</b> , 54, 55-62	15.6	89
173	Ultrathin MoS <sub>2</sub> (1-x)Se <sub>2x</sub> Alloy Nanoflakes For Electrocatalytic Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , <b>2015</b> , 5, 2213-2219	13.1	396
172	Poly(N-isopropylacrylamide)-Clay Nanocomposite Hydrogels with Responsive Bending Property as Temperature-Controlled Manipulators. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 2980-2991	15.6	251
171	Stimulation of immune systems by conjugated polymers and their potential as an alternative vaccine adjuvant. <i>Nanoscale</i> , <b>2015</b> , 7, 19282-92	7.7	17
170	Bottom-Up Synthesis of Metal-Ion-Doped WS <sub>2</sub> Nanoflakes for Cancer Theranostics. <i>ACS Nano</i> , <b>2015</b> , 9, 11090-101	16.7	226
169	Near-Infrared Light-Responsive Poly(N-isopropylacrylamide)/Graphene Oxide Nanocomposite Hydrogels with Ultrahigh Tensibility. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 27289-98	9.5	148
168	Facile preparation of uniform FeSe <sub>2</sub> nanoparticles for PA/MR dual-modal imaging and photothermal cancer therapy. <i>Nanoscale</i> , <b>2015</b> , 7, 20757-68	7.7	39
167	Fabrication of glass-based microfluidic devices with dry film photoresists as pattern transfer masks for wet etching. <i>RSC Advances</i> , <b>2015</b> , 5, 5638-5646	3.7	42
166	The advancing uses of nano-graphene in drug delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 601-128		94
165	Mesoporous Silica Coated Single-Walled Carbon Nanotubes as a Multifunctional Light-Responsive Platform for Cancer Combination Therapy. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 384-392	15.6	202
164	A versatile 'click chemistry' route to size-restricted, robust, and functionalizable hydrophilic nanocrystals. <i>Small</i> , <b>2015</b> , 11, 1644-8	11	11
163	An imagable and photothermal "Abraxane-like" nanodrug for combination cancer therapy to treat subcutaneous and metastatic breast tumors. <i>Advanced Materials</i> , <b>2015</b> , 27, 903-10	24	340

162	Mesoporous silica nanorods intrinsically doped with photosensitizers as a multifunctional drug carrier for combination therapy of cancer. <i>Nano Research</i> , <b>2015</b> , 8, 751-764	10	98
161	Recent advances in the development of organic photothermal nano-agents. <i>Nano Research</i> , <b>2015</b> , 8, 340-354	354	334
160	FeS nanoplates as a multifunctional nano-theranostic for magnetic resonance imaging guided photothermal therapy. <i>Biomaterials</i> , <b>2015</b> , 38, 1-9	15.6	138
159	VEGFR targeting leads to significantly enhanced tumor uptake of nanographene oxide in vivo. <i>Biomaterials</i> , <b>2015</b> , 39, 39-46	15.6	61
158	Smart gating membranes with in situ self-assembled responsive nanogels as functional gates. <i>Scientific Reports</i> , <b>2015</b> , 5, 14708	4.9	34
157	Hydrogel Walkers with Electro-Driven Motility for Cargo Transport. <i>Scientific Reports</i> , <b>2015</b> , 5, 13622	4.9	81
156	A Self-Assembled Albumin-Based Nanoprobe for In Vivo Ratiometric Photoacoustic pH Imaging. <i>Advanced Materials</i> , <b>2015</b> , 27, 6820-7	24	198
155	Core-Shell MnSe@Bi <sub>2</sub> Se <sub>3</sub> Fabricated via a Cation Exchange Method as Novel Nanotheranostics for Multimodal Imaging and Synergistic Thermoradiotherapy. <i>Advanced Materials</i> , <b>2015</b> , 27, 6110-7	24	289
154	Photosensitizer-Conjugated Albumin-Polypyrrole Nanoparticles for Imaging-Guided In Vivo Photodynamic/Photothermal Therapy. <i>Small</i> , <b>2015</b> , 11, 3932-41	11	209
153	Magnetic Field-Enhanced Photothermal Ablation of Tumor Sentinel Lymph Nodes to Inhibit Cancer Metastasis. <i>Small</i> , <b>2015</b> , 11, 4856-63	11	29
152	Imaging-Guided Combined Photothermal and Radiotherapy to Treat Subcutaneous and Metastatic Tumors Using Iodine-131-Doped Copper Sulfide Nanoparticles. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 4689-4699	15.6	184
151	Polydopamine as a Biocompatible Multifunctional Nanocarrier for Combined Radioisotope Therapy and Chemotherapy of Cancer. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 7327-7336	15.6	175
150	Graphene Oxide Selectively Enhances Thermostability of Trypsin. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 12270-7	9.5	30
149	Antigen-Loaded Upconversion Nanoparticles for Dendritic Cell Stimulation, Tracking, and Vaccination in Dendritic Cell-Based Immunotherapy. <i>ACS Nano</i> , <b>2015</b> , 9, 6401-11	16.7	160
148	Fabrication of nanofibers with phase-change core and hydrophobic shell, via coaxial electrospinning using nontoxic solvent. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 5729-5738	4.3	37
147	Two-dimensional magnetic WS <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> nanocomposite with mesoporous silica coating for drug delivery and imaging-guided therapy of cancer. <i>Biomaterials</i> , <b>2015</b> , 60, 62-71	15.6	226
146	Microfluidic fabrication of chitosan microfibers with controllable internals from tubular to peapod-like structures. <i>RSC Advances</i> , <b>2015</b> , 5, 928-936	3.7	46
145	Iron oxide decorated MoS <sub>2</sub> nanosheets with double PEGylation for chelator-free radiolabeling and multimodal imaging guided photothermal therapy. <i>ACS Nano</i> , <b>2015</b> , 9, 950-60	16.7	406

144	Drug delivery with PEGylated MoS <sub>2</sub> nano-sheets for combined photothermal and chemotherapy of cancer. <i>Advanced Materials</i> , <b>2014</b> , 26, 3433-40	24	919
143	PEGylated WS <sub>2</sub> nanosheets as a multifunctional theranostic agent for in vivo dual-modal CT/photoacoustic imaging guided photothermal therapy. <i>Advanced Materials</i> , <b>2014</b> , 26, 1886-93	24	899
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141	Ultra-Small Iron Oxide Doped Polypyrrole Nanoparticles for In Vivo Multimodal Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 1194-1201	15.6	226
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139	Multifunctional theranostic red blood cells for magnetic-field-enhanced in vivo combination therapy of cancer. <i>Advanced Materials</i> , <b>2014</b> , 26, 4794-802	24	183
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136	Conjugated polymers for photothermal therapy of cancer. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 1573-1580	4.9	191
135	Magnetic Targeting Enhanced Theranostic Strategy Based on Multimodal Imaging for Selective Ablation of Cancer. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 2312-2321	15.6	89
134	Aptamer-conjugated upconversion nanoprobe assisted by magnetic separation for effective isolation and sensitive detection of circulating tumor cells. <i>Nano Research</i> , <b>2014</b> , 7, 1327-1336	10	59
133	A novel, smart microsphere with K <sup>(+)</sup> -induced shrinking and aggregating properties based on a responsive host-guest system. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 19405-15	9.5	16
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131	Near-infrared light triggered photodynamic therapy in combination with gene therapy using upconversion nanoparticles for effective cancer cell killing. <i>Nanoscale</i> , <b>2014</b> , 6, 9198-205	7.7	122
130	PEGylated Prussian blue nanocubes as a theranostic agent for simultaneous cancer imaging and photothermal therapy. <i>Biomaterials</i> , <b>2014</b> , 35, 9844-9852	15.6	176
129	Smart microcapsules for direction-specific burst release of hydrophobic drugs. <i>RSC Advances</i> , <b>2014</b> , 4, 46568-46575	3.7	19
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125	Near-infrared dye bound albumin with separated imaging and therapy wavelength channels for imaging-guided photothermal therapy. <i>Biomaterials</i> , <b>2014</b> , 35, 8206-14	15.6	176
124	Smart pH-responsive nanocarriers based on nano-graphene oxide for combined chemo- and photothermal therapy overcoming drug resistance. <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 1261-71	10.1	132
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120	Protein modified upconversion nanoparticles for imaging-guided combined photothermal and photodynamic therapy. <i>Biomaterials</i> , <b>2014</b> , 35, 2915-23	15.6	265
119	Patterned substrates of nano-graphene oxide mediating highly localized and efficient gene delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 5900-7	9.5	31
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64	In vivo NIR fluorescence imaging, biodistribution, and toxicology of photoluminescent carbon dots produced from carbon nanotubes and graphite. <i>Small</i> , <b>2012</b> , 8, 281-90	11	507
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45	Graphene based gene transfection. <i>Nanoscale</i> , <b>2011</b> , 3, 1252-7	7.7	479
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