

Xian-Zheng Zhang

List of Publications by Citations

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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.

408
papers

22,358
citations

81
h-index

127
g-index

419
ext. papers

26,776
ext. citations

11.3
avg, IF

7.5
L-index

#	Paper	IF	Citations
408	Thermo-sensitive polymeric micelles based on poly(N-isopropylacrylamide) as drug carriers. <i>Progress in Polymer Science</i> , 2009 , 34, 893-910	29.6	588
407	Cancer Cell Membrane Camouflaged Cascade Bioreactor for Cancer Targeted Starvation and Photodynamic Therapy. <i>ACS Nano</i> , 2017 , 11, 7006-7018	16.7	492
406	Carbon-Dot-Decorated Carbon Nitride Nanoparticles for Enhanced Photodynamic Therapy against Hypoxic Tumor via Water Splitting. <i>ACS Nano</i> , 2016 , 10, 8715-22	16.7	442
405	Multifunctional envelope-type mesoporous silica nanoparticles for tumor-triggered targeting drug delivery. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5068-73	16.4	432
404	Design and development of polymeric micelles with cleavable links for intracellular drug delivery. <i>Progress in Polymer Science</i> , 2013 , 38, 503-535	29.6	419
403	Drug self-delivery systems for cancer therapy. <i>Biomaterials</i> , 2017 , 112, 234-247	15.6	341
402	An Adenosine Triphosphate-Responsive Autocatalytic Fenton Nanoparticle for Tumor Ablation with Self-Supplied HO and Acceleration of Fe(III)/Fe(II) Conversion. <i>Nano Letters</i> , 2018 , 18, 7609-7618	11.5	287
401	An O ₂ Self-Sufficient Biomimetic Nanoplatform for Highly Specific and Efficient Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 7847-7860	15.6	256
400	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256
399	Switching Apoptosis to Ferroptosis: Metal-Organic Network for High-Efficiency Anticancer Therapy. <i>Nano Letters</i> , 2017 , 17, 284-291	11.5	247
398	Preferential Cancer Cell Self-Recognition and Tumor Self-Targeting by Coating Nanoparticles with Homotypic Cancer Cell Membranes. <i>Nano Letters</i> , 2016 , 16, 5895-901	11.5	241
397	Self-assembled thermoresponsive micelles of poly(N-isopropylacrylamide-b-methyl methacrylate). <i>Biomaterials</i> , 2006 , 27, 2028-34	15.6	221
396	Ferrous-Supply-Regeneration Nanoengineering for Cancer-Cell-Specific Ferroptosis in Combination with Imaging-Guided Photodynamic Therapy. <i>ACS Nano</i> , 2018 , 12, 12181-12192	16.7	209
395	Dual-pH Sensitive Charge-Reversal Polypeptide Micelles for Tumor-Triggered Targeting Uptake and Nuclear Drug Delivery. <i>Small</i> , 2015 , 11, 2543-54	11	208
394	A multifunctional metal-organic framework based tumor targeting drug delivery system for cancer therapy. <i>Nanoscale</i> , 2015 , 7, 16061-70	7.7	202
393	Overcoming the Heat Endurance of Tumor Cells by Interfering with the Anaerobic Glycolysis Metabolism for Improved Photothermal Therapy. <i>ACS Nano</i> , 2017 , 11, 1419-1431	16.7	197
392	Self-assembled, thermosensitive micelles of a star block copolymer based on PMMA and PNIPAAm for controlled drug delivery. <i>Biomaterials</i> , 2007 , 28, 99-107	15.6	193

391	Enhanced Immunotherapy Based on Photodynamic Therapy for Both Primary and Lung Metastasis Tumor Eradication. <i>ACS Nano</i> , 2018 , 12, 1978-1989	16.7	190
390	Recent advances in nanomaterials for enhanced photothermal therapy of tumors. <i>Nanoscale</i> , 2018 , 10, 22657-22672	7.7	190
389	Metal Ion/Tannic Acid Assembly as a Versatile Photothermal Platform in Engineering Multimodal Nanotheranostics for Advanced Applications. <i>ACS Nano</i> , 2018 , 12, 3917-3927	16.7	185
388	Enzyme-induced and tumor-targeted drug delivery system based on multifunctional mesoporous silica nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 9078-87	9.5	180
387	Porphyritic Metal-Organic Frameworks Coated Gold Nanorods as a Versatile Nanoplatform for Combined Photodynamic/Photothermal/Chemotherapy of Tumor. <i>Advanced Functional Materials</i> , 2018 , 28, 1705451	15.6	179
386	Ratiometric Biosensor for Aggregation-Induced Emission-Guided Precise Photodynamic Therapy. <i>ACS Nano</i> , 2015 , 9, 10268-77	16.7	174
385	A dual-responsive mesoporous silica nanoparticle for tumor-triggered targeting drug delivery. <i>Small</i> , 2014 , 10, 591-8	11	174
384	Dual-Stage-Light-Guided Tumor Inhibition by Mitochondria-Targeted Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2015 , 25, 2961-2971	15.6	173
383	Core-shell nanosized assemblies mediated by the alpha-beta cyclodextrin dimer with a tumor-triggered targeting property. <i>ACS Nano</i> , 2010 , 4, 4211-9	16.7	162
382	Dynamic Properties of Temperature-Sensitive Poly(N-isopropylacrylamide) Gel Cross-Linked through Siloxane Linkage. <i>Langmuir</i> , 2001 , 17, 12-16	4	161
381	Aggressive Man-Made Red Blood Cells for Hypoxia-Resistant Photodynamic Therapy. <i>Advanced Materials</i> , 2018 , 30, e1802006	24	160
380	Multivariate Metal-Organic Frameworks for Dialing-in the Binding and Programming the Release of Drug Molecules. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14209-14216	16.4	160
379	Mesoporous silica-based versatile theranostic nanoplatform constructed by layer-by-layer assembly for excellent photodynamic/chemo therapy. <i>Biomaterials</i> , 2017 , 117, 54-65	15.6	157
378	Engineered Bacterial Bioreactor for Tumor Therapy via Fenton-Like Reaction with Localized H ₂ O ₂ Generation. <i>Advanced Materials</i> , 2019 , 31, e1808278	24	156
377	Cancer cell membrane-coated biomimetic platform for tumor targeted photodynamic therapy and hypoxia-amplified bioreductive therapy. <i>Biomaterials</i> , 2017 , 142, 149-161	15.6	156
376	Recent Advances in Subcellular Targeted Cancer Therapy Based on Functional Materials. <i>Advanced Materials</i> , 2019 , 31, e1802725	24	154
375	Dual-Stage Light Amplified Photodynamic Therapy against Hypoxic Tumor Based on an O ₂ Self-Sufficient Nanoplatform. <i>Small</i> , 2017 , 13, 1701621	11	139
374	An O ₂ Self-Supplementing and Reactive-Oxygen-Species-Circulating Amplified Nanoplatform via H ₂ O/H ₂ O ₂ Splitting for Tumor Imaging and Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1700626	15.6	135

373	Strategies to improve the response rate of thermosensitive hydrogels. <i>Soft Matter</i> , 2008 , 4, 385-391	3.6	135
372	Biotinylated thermo-responsive micelle self-assembled from double-hydrophilic block copolymer for drug delivery and tumor target. <i>Biomaterials</i> , 2008 , 29, 497-505	15.6	134
371	A novel thermo-responsive drug delivery system with positive controlled release. <i>International Journal of Pharmaceutics</i> , 2002 , 235, 43-50	6.5	133
370	A Triple-Collaborative Strategy for High-Performance Tumor Therapy by Multifunctional Mesoporous Silica-Coated Gold Nanorods. <i>Advanced Functional Materials</i> , 2016 , 26, 4339-4350	15.6	130
369	Multifunctional Mesoporous Silica Nanoparticles with Thermal-Responsive Gatekeeper for NIR Light-Triggered Chemo/Photothermal-Therapy. <i>Small</i> , 2016 , 12, 4286-98	11	129
368	Self-assembled thermo- and pH responsive micelles of poly(10-undecenoic acid-b-N-isopropylacrylamide) for drug delivery. <i>Journal of Controlled Release</i> , 2006 , 116, 266-74	11.7	129
367	A Mn(III)-Sealed Metal-Organic Framework Nanosystem for Redox-Unlocked Tumor Theranostics. <i>ACS Nano</i> , 2019 , 13, 6561-6571	16.7	125
366	Optically-controlled bacterial metabolite for cancer therapy. <i>Nature Communications</i> , 2018 , 9, 1680	17.4	125
365	ROS-induced NO generation for gas therapy and sensitizing photodynamic therapy of tumor. <i>Biomaterials</i> , 2018 , 185, 51-62	15.6	120
364	Stimuli-Responsive "Cluster Bomb" for Programmed Tumor Therapy. <i>ACS Nano</i> , 2017 , 11, 7201-7214	16.7	118
363	Initiator-Loaded Gold Nanocages as a Light-Induced Free-Radical Generator for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9029-9033	16.4	117
362	Combinational strategy for high-performance cancer chemotherapy. <i>Biomaterials</i> , 2018 , 171, 178-197	15.6	116
361	Mitochondria-targeting "Nanoheater" for enhanced photothermal/chemo-therapy. <i>Biomaterials</i> , 2017 , 117, 92-104	15.6	111
360	Multifunctional enveloped mesoporous silica nanoparticles for subcellular co-delivery of drug and therapeutic peptide. <i>Scientific Reports</i> , 2014 , 4, 6064	4.9	111
359	Bacteria-Mediated Tumor Therapy Utilizing Photothermally-Controlled TNF- α Expression via Oral Administration. <i>Nano Letters</i> , 2018 , 18, 2373-2380	11.5	111
358	Construction of cell penetrating peptide vectors with N-terminal stearylated nuclear localization signal for targeted delivery of DNA into the cell nuclei. <i>Journal of Controlled Release</i> , 2011 , 155, 26-33	11.7	111
357	Acidity-Triggered Tumor-Targeted Chimeric Peptide for Enhanced Intra-Nuclear Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 4351-4361	15.6	108
356	A Red Light Activatable Multifunctional Prodrug for Image-Guided Photodynamic Therapy and Cascaded Chemotherapy. <i>Advanced Functional Materials</i> , 2016 , 26, 6257-6269	15.6	107

355	Rational design of multifunctional magnetic mesoporous silica nanoparticle for tumor-targeted magnetic resonance imaging and precise therapy. <i>Biomaterials</i> , 2016 , 76, 87-101	15.6	107
354	Therapeutic nanomedicine based on dual-intelligent functionalized gold nanoparticles for cancer imaging and therapy in vivo. <i>Biomaterials</i> , 2013 , 34, 8798-807	15.6	106
353	Redox-sensitive shell cross-linked PEG-polypeptide hybrid micelles for controlled drug release. <i>Polymer Chemistry</i> , 2012 , 3, 1084	4.9	106
352	Using mixed solvent to synthesize temperature sensitive poly(N-isopropylacrylamide) gel with rapid dynamics properties. <i>Biomaterials</i> , 2002 , 23, 1313-8	15.6	105
351	Extended Benzoporphyrin-Based Metal-Organic Framework for Inhibition of Tumor Metastasis. <i>ACS Nano</i> , 2018 , 12, 4630-4640	16.7	103
350	Cytoplasmic membrane nanovaccines show therapeutic effects by mimicking tumor cells and antigen presenting cells. <i>Nature Communications</i> , 2019 , 10, 3199	17.4	103
349	Intra/Extracellular Lactic Acid Exhaustion for Synergistic Metabolic Therapy and Immunotherapy of Tumors. <i>Advanced Materials</i> , 2019 , 31, e1904639	24	103
348	Temperature and pH Double Responsive Hybrid Cross-Linked Micelles Based on P(NIPAAm-co-MPMA)-b-P(DEA): RAFT Synthesis and Schizophrenic Micellization. <i>Macromolecules</i> , 2009 , 42, 4838-4844	5.5	103
347	Phage-guided modulation of the gut microbiota of mouse models of colorectal cancer augments their responses to chemotherapy. <i>Nature Biomedical Engineering</i> , 2019 , 3, 717-728	19	101
346	Switch on/off microcapsules for controllable photosensitive drug release in a Release-cease-recommence mode. <i>Polymer Chemistry</i> , 2014 , 5, 4396	4.9	101
345	Covalent Organic Frameworks as Favorable Constructs for Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14213-14218	16.4	98
344	Mitochondria and plasma membrane dual-targeted chimeric peptide for single-agent synergistic photodynamic therapy. <i>Biomaterials</i> , 2019 , 188, 1-11	15.6	97
343	A Tumor Targeted Chimeric Peptide for Synergistic Endosomal Escape and Therapy by Dual-Stage Light Manipulation. <i>Advanced Functional Materials</i> , 2015 , 25, 1248-1257	15.6	94
342	A biomimetic cascade nanoreactor for tumor targeted starvation therapy-amplified chemotherapy. <i>Biomaterials</i> , 2019 , 195, 75-85	15.6	93
341	Synthesis and applications of shell cross-linked thermoresponsive hybrid micelles based on poly(N-isopropylacrylamide-co-3-(trimethoxysilyl)propyl methacrylate)-b-poly(methyl methacrylate). <i>Langmuir</i> , 2008 , 24, 4564-70	4	92
340	Fabrication of thermosensitive PCL-PNIPAAm-PCL triblock copolymeric micelles for drug delivery. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 3048-3057	2.5	91
339	Tumor-Triggered Geometrical Shape Switch of Chimeric Peptide for Enhanced in Vivo Tumor Internalization and Photodynamic Therapy. <i>ACS Nano</i> , 2017 , 11, 3178-3188	16.7	90
338	Controlled Nucleation and Controlled Growth for Size Predictable Synthesis of Nanoscale Metal-Organic Frameworks (MOFs): A General and Scalable Approach. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7836-7840	16.4	90

337	MMP-2 responsive polymeric micelles for cancer-targeted intracellular drug delivery. <i>Chemical Communications</i> , 2015 , 51, 465-8	5.8	89
336	A positive feedback strategy for enhanced chemotherapy based on ROS-triggered self-accelerating drug release nanosystem. <i>Biomaterials</i> , 2017 , 128, 136-146	15.6	88
335	Preparation of fast responsive, temperature-sensitive poly(N-isopropylacrylamide) hydrogel. <i>Macromolecular Chemistry and Physics</i> , 1999 , 200, 2602-2605	2.6	88
334	A Multifunctional Biomimetic Nanoplatform for Relieving Hypoxia to Enhance Chemotherapy and Inhibit the PD-1/PD-L1 Axis. <i>Small</i> , 2018 , 14, e1801120	11	87
333	Design of a cellular-uptake-shielding "plug and play" template for photo controllable drug release. <i>Advanced Materials</i> , 2011 , 23, 3526-30	24	86
332	O Economizer for Inhibiting Cell Respiration To Combat the Hypoxia Obstacle in Tumor Treatments. <i>ACS Nano</i> , 2019 , 13, 1784-1794	16.7	85
331	Encapsulation of an adamantane-doxorubicin prodrug in pH-responsive polysaccharide capsules for controlled release. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 5317-24	9.5	85
330	A Charge Reversible Self-Delivery Chimeric Peptide with Cell Membrane-Targeting Properties for Enhanced Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1700220	15.6	84
329	Photocatalyzing CO to CO for Enhanced Cancer Therapy. <i>Advanced Materials</i> , 2017 , 29, 1703822	24	83
328	Thermosensitive Y-shaped micelles of poly(oleic acid-Y-N-isopropylacrylamide) for drug delivery. <i>Small</i> , 2006 , 2, 917-23	11	82
327	Nanoparticles from Cuttlefish Ink Inhibit Tumor Growth by Synergizing Immunotherapy and Photothermal Therapy. <i>ACS Nano</i> , 2019 , 13, 8618-8629	16.7	81
326	Advances in Peptide Functionalization on Mesoporous Silica Nanoparticles for Controlled Drug Release. <i>Small</i> , 2016 , 12, 3344-59	11	81
325	Expandable Immunotherapeutic Nanoplatforms Engineered from Cytomembranes of Hybrid Cells Derived from Cancer and Dendritic Cells. <i>Advanced Materials</i> , 2019 , 31, e1900499	24	80
324	Highly Integrated Nano-Platform for Breaking the Barrier between Chemotherapy and Immunotherapy. <i>Nano Letters</i> , 2016 , 16, 4341-7	11.5	79
323	Dual-targeting pro-apoptotic peptide for programmed cancer cell death via specific mitochondria damage. <i>Scientific Reports</i> , 2013 , 3, 3468	4.9	79
322	A Versatile Pt-Based CoreShell Nanoplatform as a Nanofactory for Enhanced Tumor Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1801783	15.6	78
321	Construction of surfactant-like tetra-tail amphiphilic peptide with RGD ligand for encapsulation of porphyrin for photodynamic therapy. <i>Biomaterials</i> , 2011 , 32, 1678-84	15.6	77
320	Dual stimuli-responsive multi-drug delivery system for the individually controlled release of anti-cancer drugs. <i>Chemical Communications</i> , 2015 , 51, 1475-8	5.8	76

3 ¹⁹	A Self-Transformable pH-Driven Membrane-Anchoring Photosensitizer for Effective Photodynamic Therapy to Inhibit Tumor Growth and Metastasis. <i>Advanced Functional Materials</i> , 2017 , 27, 1702122	15.6	76
3 ¹⁸	Smart and hyper-fast responsive polyprodrug nanoplatfor for targeted cancer therapy. <i>Biomaterials</i> , 2016 , 76, 238-49	15.6	75
3 ¹⁷	Artificial Super Neutrophils for Inflammation Targeting and HClO Generation against Tumors and Infections. <i>Advanced Materials</i> , 2019 , 31, e1901179	24	74
3 ¹⁶	Artificially Reprogrammed Macrophages as Tumor-Tropic Immunosuppression-Resistant Biologics to Realize Therapeutics Production and Immune Activation. <i>Advanced Materials</i> , 2019 , 31, e1807211	24	73
3 ¹⁵	A surface charge-switchable and folate modified system for co-delivery of proapoptosis peptide and p53 plasmid in cancer therapy. <i>Biomaterials</i> , 2016 , 77, 149-63	15.6	73
3 ¹⁴	MnO Motor: A Prospective Cancer-Starving Therapy Promoter. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15030-15039	9.5	72
3 ¹³	A biomimetic theranostic O-meter for cancer targeted photodynamic therapy and phosphorescence imaging. <i>Biomaterials</i> , 2018 , 151, 1-12	15.6	72
3 ¹²	Fabrication of star-shaped, thermo-sensitive poly(N-isopropylacrylamide)ϕholic acidϕoly(e-caprolactone) copolymers and their self-assembled micelles as drug carriers. <i>Polymer</i> , 2008 , 49, 3965-3972	3.9	72
3 ¹¹	pH responsive micelle self-assembled from a new amphiphilic peptide as anti-tumor drug carrier. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 114, 398-403	6	71
3 ¹⁰	Protease-Activable Cell-Penetrating Peptide-Protoporphyrin Conjugate for Targeted Photodynamic Therapy in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 28319-29	9.5	71
3 ⁰⁹	Advanced functional polymer materials. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 1803-1915	7.8	70
3 ⁰⁸	A pH-responsive prodrug for real-time drug release monitoring and targeted cancer therapy. <i>Chemical Communications</i> , 2014 , 50, 11852-5	5.8	69
3 ⁰⁷	Photoresponsive Smart Templateϕia Hostϕuest Interaction for Reversible Cell Adhesion. <i>Macromolecules</i> , 2011 , 44, 7499-7502	5.5	69
3 ⁰⁶	Hyperbranched-hyperbranched polymeric nanoassembly to mediate controllable co-delivery of siRNA and drug for synergistic tumor therapy. <i>Journal of Controlled Release</i> , 2015 , 216, 9-17	11.7	68
3 ⁰⁵	Novel stimuli-responsive micelle self-assembled from Y-shaped P(UA-Y-NIPAAm) copolymer for drug delivery. <i>Biomacromolecules</i> , 2006 , 7, 2956-60	6.9	68
3 ⁰⁴	Enzyme-Driven Membrane-Targeted Chimeric Peptide for Enhanced Tumor Photodynamic Immunotherapy. <i>ACS Nano</i> , 2019 , 13, 11249-11262	16.7	67
3 ⁰³	One-pot construction of functional mesoporous silica nanoparticles for the tumor-acidity-activated synergistic chemotherapy of glioblastoma. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 7995-8001	9.5	67
3 ⁰²	Synthesis of (Dex-HMDI)-g-PEIs as effective and low cytotoxic nonviral gene vectors. <i>Journal of Controlled Release</i> , 2008 , 128, 171-8	11.7	67

301	Activable Cell-Penetrating Peptide Conjugated Prodrug for Tumor Targeted Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 16061-9	9.5	66
300	A dual-FRET-based fluorescence probe for the sequential detection of MMP-2 and caspase-3. <i>Chemical Communications</i> , 2015 , 51, 14520-3	5.8	65
299	Interfering with Lactate-Fueled Respiration for Enhanced Photodynamic Tumor Therapy by a Porphyrinic MOF Nanoplatform. <i>Advanced Functional Materials</i> , 2018 , 28, 1803498	15.6	65
298	Charge-reversal plug gate nanovalves on peptide-functionalized mesoporous silica nanoparticles for targeted drug delivery. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5723-5732	7.3	65
297	Recent Advances in Targeted Tumor Chemotherapy Based on Smart Nanomedicines. <i>Small</i> , 2018 , 14, e1802417	11	65
296	Multifunctional Nanosystem for Synergistic Tumor Therapy Delivered by Two-Dimensional MoS ₂ . <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 13965-13975	9.5	64
295	iRGD Modified Chemo-immunotherapeutic Nanoparticles for Enhanced Immunotherapy against Glioblastoma. <i>Advanced Functional Materials</i> , 2018 , 28, 1800025	15.6	64
294	A two-photon excited O ₂ -evolving nanocomposite for efficient photodynamic therapy against hypoxic tumor. <i>Biomaterials</i> , 2019 , 194, 84-93	15.6	64
293	Photo-controlled liquid metal nanoparticle-enzyme for starvation/photothermal therapy of tumor by win-win cooperation. <i>Biomaterials</i> , 2019 , 217, 119303	15.6	63
292	MMP-responsive theranostic nanoplatform based on mesoporous silica nanoparticles for tumor imaging and targeted drug delivery. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 1932-1940	7.3	63
291	A Dual-FRET-Based Versatile Prodrug for Real-Time Drug Release Monitoring and In Situ Therapeutic Efficacy Evaluation. <i>Advanced Functional Materials</i> , 2015 , 25, 7317-7326	15.6	61
290	Novel polycationic micelles for drug delivery and gene transfer. <i>Journal of Materials Chemistry</i> , 2008 , 18, 4433		61
289	Peptide-Based Multifunctional Nanomaterials for Tumor Imaging and Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1804492	15.6	61
288	Recent advances in photonanomedicines for enhanced cancer photodynamic therapy. <i>Progress in Materials Science</i> , 2020 , 114, 100685	42.2	60
287	Self-Mineralized Photothermal Bacteria Hybridizing with Mitochondria-Targeted Metal-Organic Frameworks for Augmenting Photothermal Tumor Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1909806	15.6	60
286	Host-Guest Assembly of pH-Responsive Degradable Microcapsules with Controlled Drug Release Behavior. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 17651-17659	3.8	60
285	Synthesis and characterization of well-defined, amphiphilic poly(N-isopropylacrylamide)-b-[2-hydroxyethyl methacrylate-poly(ϵ -caprolactone)]n graft copolymers by RAFT polymerization and macromonomer method. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 5354-5364	2.5	60
284	Multifunctional Peptide-Amphiphile End-Capped Mesoporous Silica Nanoparticles for Tumor Targeting Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 2093-2103	9.5	59

283	Self-delivery of a peptide-based prodrug for tumor-targeting therapy. <i>Nano Research</i> , 2016 , 9, 663-673	10	59
282	Multifunctional theranostic nanoplatform for cancer combined therapy based on gold nanorods. <i>Advanced Healthcare Materials</i> , 2015 , 4, 2247-59	10.1	59
281	Cucurbit[8]uril Regulated Activatable Supramolecular Photosensitizer for Targeted Cancer Imaging and Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 22892-9	9.5	59
280	Epigenetics-Based Tumor Cells Pyroptosis for Enhancing the Immunological Effect of Chemotherapeutic Nanocarriers. <i>Nano Letters</i> , 2019 , 19, 8049-8058	11.5	58
279	Tumor-Triggered Drug Release with Tumor-Targeted Accumulation and Elevated Drug Retention To Overcome Multidrug Resistance. <i>Chemistry of Materials</i> , 2016 , 28, 6742-6752	9.6	57
278	NIR Light-Triggered Degradable MoTe ₂ Nanosheets for Combined Photothermal and Chemotherapy of Cancer. <i>Advanced Functional Materials</i> , 2018 , 28, 1801139	15.6	57
277	Chimeric peptide engineered exosomes for dual-stage light guided plasma membrane and nucleus targeted photodynamic therapy. <i>Biomaterials</i> , 2019 , 211, 14-24	15.6	56
276	Efficient nuclear drug translocation and improved drug efficacy mediated by acidity-responsive boronate-linked dextran/cholesterol nanoassembly. <i>Biomaterials</i> , 2015 , 52, 281-90	15.6	56
275	Preparation of Shell Cross-Linked Thermoresponsive Micelles as well as Hollow Spheres Based on P(NIPAAm-co-HMAAm-co-MPMA)-b-PCL. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 15329-15334	3.8	56
274	A Transformable Chimeric Peptide for Cell Encapsulation to Overcome Multidrug Resistance. <i>Small</i> , 2018 , 14, e1703321	11	55
273	Host-Guest Interaction-Based Self-Engineering of Nano-Sized Vesicles for Co-Delivery of Genes and Anticancer Drugs. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 22084-94	9.5	54
272	Bioinorganic hybrid bacteriophage for modulation of intestinal microbiota to remodel tumor-immune microenvironment against colorectal cancer. <i>Science Advances</i> , 2020 , 6, eaba1590	14.3	54
271	Mitochondria-Targeted Chimeric Peptide for Trinitarian Overcoming of Drug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 25060-8	9.5	54
270	ACPI Conjugated Gold Nanorods as Nanoplatform for Dual Image Guided Activatable Photodynamic and Photothermal Combined Therapy In Vivo. <i>Small</i> , 2017 , 13, 1603956	11	53
269	A Versatile Carbon Monoxide Nanogenerator for Enhanced Tumor Therapy and Anti-Inflammation. <i>ACS Nano</i> , 2019 , 13, 5523-5532	16.7	53
268	A pH-responsive drug nanovehicle constructed by reversible attachment of cholesterol to PEGylated poly(l-lysine) via catechol-boronic acid ester formation. <i>Acta Biomaterialia</i> , 2014 , 10, 3686-95	10.8	53
267	Synthesis of Star Block, Thermosensitive Poly(l-lactide)-star block-poly(N-isopropylacrylamide-co-N-hydroxymethylacrylamide) Copolymers and Their Self-Assembled Micelles for Controlled Release. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 2888-2894	3.8	53
266	Recent Advances of Cell Membrane-Coated Nanomaterials for Biomedical Applications. <i>Advanced Functional Materials</i> , 2020 , 30, 2003559	15.6	53

265	Theranostic GO-based nanohybrid for tumor induced imaging and potential combinational tumor therapy. <i>Small</i> , 2014 , 10, 599-608	11	52
264	Self-Assembled, Thermosensitive PCL-g-P(NIPAAm-co-HEMA) Micelles for Drug Delivery. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1913-1919	4.8	52
263	Click Chemistry for in situ formation of thermoresponsive P(NIPAAm-co-HEMA)-based hydrogels. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 5263-5277	2.5	51
262	Tumor Starvation Induced Spatiotemporal Control over Chemotherapy for Synergistic Therapy. <i>Small</i> , 2018 , 14, e1803602	11	51
261	Stepwise-acid-active multifunctional mesoporous silica nanoparticles for tumor-specific nucleus-targeted drug delivery. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 14568-75	9.5	50
260	Normalizing Tumor Microenvironment Based on Photosynthetic Abiotic/Biotic Nanoparticles. <i>ACS Nano</i> , 2018 , 12, 6218-6227	16.7	50
259	A two-photon fluorescent probe for exogenous and endogenous superoxide anion imaging in vitro and in vivo. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 73-80	11.8	49
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