

Xian-Zheng Zhang

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.

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	Engineered Bacteria for Enhanced Radiotherapy against Breast Carcinoma.. <i>ACS Nano</i> , 2022 ,	16.7	2
407	Large EConjugated Metal-Organic Frameworks for Infrared-Light-Driven CO Reduction.. <i>Journal of the American Chemical Society</i> , 2022 , 144, 1218-1231	16.4	5
406	Neisseria Meningitidis Opca Protein/MnO Hybrid Nanoparticles for Overcoming Blood Brain Barrier to Treat Glioblastoma.. <i>Advanced Materials</i> , 2022 , e2109213	24	4
405	Engineered Bdellovibrio bacteriovorus: A countermeasure for biofilm-induced periodontitis. <i>Materials Today</i> , 2022 ,	21.8	3
404	Temulence Therapy to Orthotopic Colorectal Tumor via Oral Administration of Fungi-Based Acetaldehyde Generator.. <i>Small Methods</i> , 2022 , 6, e2100951	12.8	0
403	Carrier-free nanomedicines for cancer treatment. <i>Progress in Materials Science</i> , 2022 , 125, 100919	42.2	5
402	Multifunctional liquid metal-based nanoparticles with glycolysis and mitochondrial metabolism inhibition for tumor photothermal therapy.. <i>Biomaterials</i> , 2022 , 281, 121369	15.6	6
401	Coordination between anti-inflammation and antitumor actions for systematic tumor treatments with improved prognosis. <i>Chemical Engineering Journal</i> , 2022 , 439, 135711	14.7	0
400	Hierarchy-Assembled Dual Probiotics System Ameliorates Cholestatic Drug-Induced Liver Injury via Gut-Liver Axis Modulation.. <i>Advanced Science</i> , 2022 , e2200986	13.6	1
399	Progress of Engineered Bacteria for Tumor Therapy.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 114296	18.5	3
398	Preparation and Evaluation of Virus-Inspired Nanogenes for Host-Specific Transfection. <i>Biomaterial Engineering</i> , 2022 , 461-480	0.3	
397	Preparation and Evaluation of Boronate-Linked Nanoassembly for Efficient Gene Delivery. <i>Biomaterial Engineering</i> , 2022 , 437-459	0.3	
396	Biomedical polymers: synthesis, properties, and applications.. <i>Science China Chemistry</i> , 2022 , 1-66	7.9	11
395	Research progress in AIE-based crystalline porous materials for biomedical applications. <i>Biomaterials</i> , 2022 , 121583	15.6	1
394	A self-delivery chimeric peptide for high efficient cell membrane-targeting low-temperature photothermal/photodynamic combinational therapy and metastasis suppression of tumor. <i>Biomaterials</i> , 2022 , 286, 121593	15.6	1
393	Preparation and Evaluation of Boronate-Linked Nanoassembly for Efficient Gene Delivery. <i>Biomaterial Engineering</i> , 2021 , 1-22	0.3	
392	A Self-Driven Bioreactor Based on Bacterium-Metal-Organic Framework Biohybrids for Boosting Chemotherapy Cyclic Lactate Catabolism. <i>ACS Nano</i> , 2021 ,	16.7	8

391	Nanocatalyst-Mediated Chemodynamic Tumor Therapy. <i>Advanced Healthcare Materials</i> , 2021 , e2101971	10.1	12
390	Biomaterial-mediated modulation of oral microbiota synergizes with PD-1 blockade in mice with oral squamous cell carcinoma. <i>Nature Biomedical Engineering</i> , 2021 ,	19	11
389	Combination gut microbiota modulation and chemotherapy for orthotopic colorectal cancer therapy. <i>Nano Today</i> , 2021 , 41, 101329	17.9	1
388	Preparation and Evaluation of Virus-Inspired Nanogenes for Host-Specific Transfection. <i>Biomaterial Engineering</i> , 2021 , 1-21	0.3	
387	Harnessing in situ glutathione for effective ROS generation and tumor suppression via nano-hybrid-mediated catabolism dynamic therapy.. <i>Biomaterials</i> , 2021 , 281, 121358	15.6	4
386	Customized materials-assisted microorganisms in tumor therapeutics. <i>Chemical Society Reviews</i> , 2021 , 50, 12576-12615	58.5	6
385	Hybrid Vesicles Based on Autologous Tumor Cell Membrane and Bacterial Outer Membrane To Enhance Innate Immune Response and Personalized Tumor Immunotherapy. <i>Nano Letters</i> , 2021 , 21, 8609-8618	11.5	12
384	Bacterium-Inspired Nanoagents Armed with On-Switch of Immune Recruitment and Immune Activation. <i>Advanced Therapeutics</i> , 2021 , 4, 2000231	4.9	
383	A Strategy Based on the Enzyme-Catalyzed Polymerization Reaction of Asp-Phe-Tyr Tripeptide for Cancer Immunotherapy. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5127-5140	16.4	10
382	Platinum-Doped Prussian Blue Nanozymes for Multiwavelength Bioimaging Guided Photothermal Therapy of Tumor and Anti-Inflammation. <i>ACS Nano</i> , 2021 , 15, 5189-5200	16.7	34
381	Antibody Engineered Platelets Attracted by Bacteria-Induced Tumor-Specific Blood Coagulation for Checkpoint Inhibitor Immunotherapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2009744	15.6	13
380	Artificial Engineering of Immune Cells for Improved Immunotherapy. <i>Advanced NanoBiomed Research</i> , 2021 , 1, 2000081	0	2
379	Recent Advances in Engineered Materials for Immunotherapy-Involved Combination Cancer Therapy. <i>Advanced Materials</i> , 2021 , 33, e2007630	24	26
378	Transformable Spinose Nanodrums with Self-Supplied H ₂ O for Photothermal and Cascade Catalytic Therapy of Tumor.. <i>Small Methods</i> , 2021 , 5, e2100361	12.8	5
377	A near infrared ratiometric platform based on extended porphyrin metal-organic framework for O ₂ imaging and cancer therapy. <i>Biomaterials</i> , 2021 , 272, 120782	15.6	19
376	Photoelectric Bacteria Enhance the Production of Tetrodotoxin for Antitumor Therapy. <i>Nano Letters</i> , 2021 , 21, 4270-4279	11.5	6
375	A Singlet Oxygen Reservoir Based on Poly-Pyridone and Porphyrin Nanoscale Metal-Organic Framework for Cancer Therapy. <i>CCS Chemistry</i> , 2021 , 3, 1187-1202	7.2	7
374	Ultra-small FePt/siRNA loaded mesoporous silica nanoplatfom to deplete cysteine for enhanced ferroptosis in breast tumor therapy. <i>Nano Today</i> , 2021 , 38, 101150	17.9	9

373	Versatile Nanodrugs Containing Glutathione and Heme Oxygenase 1 Inhibitors Enable Suppression of Antioxidant Defense System in a Two-Pronged Manner for Enhanced Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100770	10.1	5
372	Cell-Based Bio-Hybrid Delivery System for Disease Treatments. <i>Advanced NanoBiomed Research</i> , 2021 , 1, 2000052	0	2
371	Advances in nanomaterials for treatment of hypoxic tumor. <i>National Science Review</i> , 2021 , 8, nwa160	10.8	16
370	Free radicals for cancer theranostics. <i>Biomaterials</i> , 2021 , 266, 120474	15.6	37
369	Cell primitive-based biomimetic functional materials for enhanced cancer therapy. <i>Chemical Society Reviews</i> , 2021 , 50, 945-985	58.5	31
368	Non-depleting reformation of immunosuppressive myeloid cells to broaden the application of anti-PD therapy. <i>Nanoscale</i> , 2021 , 13, 4420-4431	7.7	9
367	Precision photothermal therapy and photoacoustic imaging by activatable thermoplasmonics. <i>Chemical Science</i> , 2021 , 12, 10097-10105	9.4	5
366	Bio-inspired nanoenzyme for metabolic reprogramming and anti-inflammatory treatment of hyperuricemia and gout. <i>Science China Chemistry</i> , 2021 , 64, 616-628	7.9	5
365	Tumor-Specific ONOO Nanogenerator for Improved Drug Delivery and Enhanced Chemotherapy of Tumor. <i>ACS Nano</i> , 2021 ,	16.7	5
364	Bacteriophage-mediated modulation of microbiota for diseases treatment. <i>Advanced Drug Delivery Reviews</i> , 2021 , 176, 113856	18.5	6
363	A tumor-cell biomimetic nanoplatform embedding biological enzymes for enhanced metabolic therapy. <i>Chemical Communications</i> , 2021 , 57, 9398-9401	5.8	1
362	Multifunctionalized Gold Sub-Nanometer Particles for Sensitizing Radiotherapy against Glioblastoma. <i>Small</i> , 2021 , 17, e2006582	11	7
361	Tumor-Microenvironment-Triggered Ion Exchange of a Metal-Organic Framework Hybrid for Multimodal Imaging and Synergistic Therapy of Tumors. <i>Advanced Materials</i> , 2020 , 32, e2001452	24	48
360	100th Anniversary of Macromolecular Science Viewpoint: Poly(N-isopropylacrylamide)-Based Thermally Responsive Micelles. <i>ACS Macro Letters</i> , 2020 , 9, 872-881	6.6	22
359	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
358	Recent advances in photonanomedicines for enhanced cancer photodynamic therapy. <i>Progress in Materials Science</i> , 2020 , 114, 100685	42.2	60
357	A biomimetic platelet based on assembling peptides initiates artificial coagulation. <i>Science Advances</i> , 2020 , 6, eaaz4107	14.3	28
356	Vascular disrupting agent induced aggregation of gold nanoparticles for photothermally enhanced tumor vascular disruption. <i>Science Advances</i> , 2020 , 6, eabb0020	14.3	29

355	R&Ktitelbild: Covalent Organic Framework for Improving Near-Infrared Light Induced Fluorescence Imaging through Two-Photon Induction (Angew. Chem. 25/2020). <i>Angewandte Chemie</i> , 2020 , 132, 10283-10283	3.6	10283
354	A Mitochondria-Driven Metabolic Sensing Nanosystem for Oxygen Availability and Energy Blockade of Cancer. <i>Advanced Therapeutics</i> , 2020 , 3, 2000019	4.9	12
353	Biomimetic carbon monoxide nanogenerator ameliorates streptozotocin induced type 1 diabetes in mice. <i>Biomaterials</i> , 2020 , 245, 119986	15.6	12
352	Near-Infrared Light Responsive Nanoreactor for Simultaneous Tumor Photothermal Therapy and Carbon Monoxide-Mediated Anti-Inflammation. <i>ACS Central Science</i> , 2020 , 6, 555-565	16.8	20
351	Integration of a porous coordination network and black phosphorus nanosheets for improved photodynamic therapy of tumor. <i>Nanoscale</i> , 2020 , 12, 8890-8897	7.7	5
350	Advanced functional polymer materials. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 1803-1915	7.8	70
349	Nitric Oxide Release Device for Remote-Controlled Cancer Therapy by Wireless Charging. <i>Advanced Materials</i> , 2020 , 32, e2000376	24	25
348	Construction of Flexible-on-Rigid Hybrid-Phase Metal-Organic Frameworks for Controllable Multi-Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18078-18086	16.4	36
347	An orally delivered microbial cocktail for the removal of nitrogenous metabolic waste in animal models of kidney failure. <i>Nature Biomedical Engineering</i> , 2020 , 4, 853-862	19	29
346	Tumor Cell Membrane-Coated Liquid Metal Nanovaccine for Tumor Prevention. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 595-600	4.9	5
345	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
344	pH-sensitive MOF integrated with glucose oxidase for glucose-responsive insulin delivery. <i>Journal of Controlled Release</i> , 2020 , 320, 159-167	11.7	38
343	Intra-myocardial Delivery of a Novel Thermosensitive Hydrogel Inhibits Post-infarct Heart Failure After Degradation in Rat. <i>Journal of Cardiovascular Translational Research</i> , 2020 , 13, 677-685	3.3	3
342	An RGB-emitting molecular cocktail for the detection of bacterial fingerprints. <i>Chemical Science</i> , 2020 , 11, 4403-4409	9.4	9
341	Near infrared light-triggered metal ion and photodynamic therapy based on AgNPs/porphyrinic MOFs for tumors and pathogens elimination. <i>Biomaterials</i> , 2020 , 248, 120029	15.6	33
340	A vaccine-based nanosystem for initiating innate immunity and improving tumor immunotherapy. <i>Nature Communications</i> , 2020 , 11, 1985	17.4	32
339	Research Progress in Covalent Organic Frameworks for Photoluminescent Materials. <i>Chemistry - A European Journal</i> , 2020 , 26, 16568-16581	4.8	16
338	Freezing the kinase signaling of breast cancer with transformable peptide nanoparticles. <i>Science China Chemistry</i> , 2020 , 63, 1021-1022	7.9	

337	Remote-controlled multi-enzyme system for enhanced tumor therapy via dark/light relay catalysis. <i>Nanoscale Horizons</i> , 2020 , 5, 283-293	10.8	27
336	Covalent Organic Framework for Improving Near-Infrared Light Induced Fluorescence Imaging through Two-Photon Induction. <i>Angewandte Chemie</i> , 2020 , 132, 10173-10180	3.6	10
335	Covalent Organic Framework for Improving Near-Infrared Light Induced Fluorescence Imaging through Two-Photon Induction. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10087-10094	16.4	41
334	Remodeling extracellular matrix based on functional covalent organic framework to enhance tumor photodynamic therapy. <i>Biomaterials</i> , 2020 , 234, 119772	15.6	43
333	A multi-functional drug delivery system based on polyphenols for efficient tumor inhibition and metastasis prevention. <i>Biomaterials Science</i> , 2020 , 8, 702-711	7.4	14
332	Recent advances in functional mesoporous silica-based nanoplatforms for combinational photo-chemotherapy of cancer. <i>Biomaterials</i> , 2020 , 232, 119738	15.6	45
331	Enzyme Mimicking Based on the Natural Melanin Particles from Human Hair. <i>IScience</i> , 2020 , 23, 100778	6.1	12
330	A MSN-based tumor-targeted nanoplatform to interfere with lactate metabolism to induce tumor cell acidosis for tumor suppression and anti-metastasis. <i>Nanoscale</i> , 2020 , 12, 2966-2972	7.7	16
329	Biomaterials: Dual-Targeting Photosensitizer-Peptide Amphiphile Conjugate for Enzyme-Triggered Drug Delivery and Synergistic Chemo-Photodynamic Tumor Therapy (Adv. Mater. Interfaces 19/2020). <i>Advanced Materials Interfaces</i> , 2020 , 7, 2070108	4.6	
328	Multifunctional peptides for tumor therapy. <i>Advanced Drug Delivery Reviews</i> , 2020 , 160, 36-51	18.5	11
327	Controllable gelation of artificial extracellular matrix for altering mass transport and improving cancer therapies. <i>Nature Communications</i> , 2020 , 11, 4907	17.4	13
326	Nanomaterials to relieve tumor hypoxia for enhanced photodynamic therapy. <i>Nano Today</i> , 2020 , 35, 100960	17.9	48
325	Prebiotics-Encapsulated Probiotic Spores Regulate Gut Microbiota and Suppress Colon Cancer. <i>Advanced Materials</i> , 2020 , 32, e2004529	24	39
324	Highly Stable Iron Carbonyl Complex Delivery Nanosystem for Improving Cancer Therapy. <i>ACS Nano</i> , 2020 , 14, 9848-9860	16.7	14
323	Construction of Flexible-on-Rigid Hybrid-Phase Metal-Organic Frameworks for Controllable Multi-Drug Delivery. <i>Angewandte Chemie</i> , 2020 , 132, 18234-18242	3.6	2
322	Engineering Living Bacteria for Cancer Therapy.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 8136-8145	4.1	10
321	Recent Advances of Cell Membrane-Coated Nanomaterials for Biomedical Applications. <i>Advanced Functional Materials</i> , 2020 , 30, 2003559	15.6	53
320	Inhibition of Tumor Progression through the Coupling of Bacterial Respiration with Tumor Metabolism. <i>Angewandte Chemie</i> , 2020 , 132, 21746-21754	3.6	0

319	Inhibition of Tumor Progression through the Coupling of Bacterial Respiration with Tumor Metabolism. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21562-21570	16.4	35
318	Recent advances on peptide-based theranostic nanomaterials. <i>View</i> , 2020 , 1, 20200050	7.8	13
317	mHealth: A smartphone-controlled, wearable platform for tumour treatment. <i>Materials Today</i> , 2020 , 40, 91-100	21.8	5
316	Yolk-Shell Structured Nanoflowers Induced Intracellular Oxidative/Thermal Stress Damage for Cancer Treatment. <i>Advanced Functional Materials</i> , 2020 , 30, 2006098	15.6	27
315	Near-Infrared Triggered Cascade of Antitumor Immune Responses Based on the Integrated Core-Shell Nanoparticle. <i>Advanced Functional Materials</i> , 2020 , 30, 2000335	15.6	12
314	Establishment of Facile Nanomedicine Construction Methodology to Comprehensively Overcome Hurdles across Tumor-Specific Nano-Delivery. <i>Advanced Functional Materials</i> , 2020 , 30, 2002239	15.6	5
313	Elytra-Mimetic Aligned Composites with Air-Water-Responsive Self-Healing and Self-Growing Capability. <i>ACS Nano</i> , 2020 , 14, 12546-12557	16.7	5
312	Dual-Targeting Photosensitizer-Peptide Amphiphile Conjugate for Enzyme-Triggered Drug Delivery and Synergistic Chemo-Photodynamic Tumor Therapy. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000935	4.6	8
311	Bio-Orthogonal Bacterial Reactor for Remission of Heavy Metal Poisoning and ROS Elimination. <i>Advanced Science</i> , 2019 , 6, 1902500	13.6	14
310	PLA-PEG Micelles Loaded with a Classic Vasodilator for Oxidative Cataract Prevention. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 407-412	5.5	6
309	Hydrogen gas improves photothermal therapy of tumor and restrains the relapse of distant dormant tumor. <i>Biomaterials</i> , 2019 , 223, 119472	15.6	41
308	Mitochondria-Targeting Thermosensitive Initiator with Enhanced Anticancer Efficiency.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 4656-4666	4.1	1
307	Epigenetics-Based Tumor Cells Pyroptosis for Enhancing the Immunological Effect of Chemotherapeutic Nanocarriers. <i>Nano Letters</i> , 2019 , 19, 8049-8058	11.5	58
306	Multifunctional Albumin-Based Delivery System Generated by Programmed Assembly for Tumor-Targeted Multimodal Therapy and Imaging. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 38385-38394	8.5	35
305	Enzyme-Driven Membrane-Targeted Chimeric Peptide for Enhanced Tumor Photodynamic Immunotherapy. <i>ACS Nano</i> , 2019 , 13, 11249-11262	16.7	67
304	A versatile bacterial membrane-binding chimeric peptide with enhanced photodynamic antimicrobial activity. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 1087-1095	7.3	17
303	A hybrid nanomaterial with NIR-induced heat and associated hydroxyl radical generation for synergistic tumor therapy. <i>Biomaterials</i> , 2019 , 199, 1-9	15.6	33
302	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

301	A tungsten nitride-based degradable nanoplatform for dual-modal image-guided combinatorial chemo-photothermal therapy of tumors. <i>Nanoscale</i> , 2019 , 11, 2027-2036	7.7	14
300	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
299	Nanoparticles from Cuttlefish Ink Inhibit Tumor Growth by Synergizing Immunotherapy and Photothermal Therapy. <i>ACS Nano</i> , 2019 , 13, 8618-8629	16.7	81
298	A Mn(III)-Sealed Metal-Organic Framework Nanosystem for Redox-Unlocked Tumor Theranostics. <i>ACS Nano</i> , 2019 , 13, 6561-6571	16.7	125
297	Chimeric peptide nanorods for plasma membrane and nuclear targeted photosensitizer delivery and enhanced photodynamic therapy. <i>Applied Materials Today</i> , 2019 , 16, 120-131	6.6	18
296	A Versatile Carbon Monoxide Nanogenerator for Enhanced Tumor Therapy and Anti-Inflammation. <i>ACS Nano</i> , 2019 , 13, 5523-5532	16.7	53
295	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
294	Biomedical Materials: Engineered Bacterial Bioreactor for Tumor Therapy via Fenton-Like Reaction with Localized H ₂ O ₂ Generation (Adv. Mater. 16/2019). <i>Advanced Materials</i> , 2019 , 31, 1970119	24	11
293	Structural Transformation in Metal-Organic Frameworks for Reversible Binding of Oxygen. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5692-5696	16.4	28
292	Structural Transformation in Metal-Organic Frameworks for Reversible Binding of Oxygen. <i>Angewandte Chemie</i> , 2019 , 131, 5748-5752	3.6	10
291	Expandable Immunotherapeutic Nanoplatforms Engineered from Cytomembranes of Hybrid Cells Derived from Cancer and Dendritic Cells. <i>Advanced Materials</i> , 2019 , 31, e1900499	24	80
290	Artificial Super Neutrophils for Inflammation Targeting and HClO Generation against Tumors and Infections. <i>Advanced Materials</i> , 2019 , 31, e1901179	24	74
289	Super-pH-Sensitive Mesoporous Silica Nanoparticle-Based Drug Delivery System for Effective Combination Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 1878-1886	5.5	33
288	A Tungsten Nitride-Based O ₂ Self-Sufficient Nanoplatform for Enhanced Photodynamic Therapy against Hypoxic Tumors. <i>Advanced Therapeutics</i> , 2019 , 2, 1900012	4.9	10
287	A modular theranostic platform for tumor therapy and its metabolic studies. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2790-2798	7.3	2
286	Immobilized liquid metal nanoparticles with improved stability and photothermal performance for combinational therapy of tumor. <i>Biomaterials</i> , 2019 , 207, 76-88	15.6	44
285	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
284	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

283	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
282	Bacteria-Assisted Selective Photothermal Therapy for Precise Tumor Inhibition. <i>Advanced Functional Materials</i> , 2019 , 29, 1904093	15.6	42
281	Cytomembrane nanovaccines show therapeutic effects by mimicking tumor cells and antigen presenting cells. <i>Nature Communications</i> , 2019 , 10, 3199	17.4	103
280	Covalent Organic Frameworks as Favorable Constructs for Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14213-14218	16.4	98
279	Covalent Organic Frameworks as Favorable Constructs for Photodynamic Therapy. <i>Angewandte Chemie</i> , 2019 , 131, 14351-14356	3.6	32
278	Local T regulatory cells depletion by an integrated nanodrug system for efficient chem-immunotherapy of tumor. <i>Science China Chemistry</i> , 2019 , 62, 1230-1244	7.9	8
277	Cytomembrane-Mediated Transport of Metal Ions with Biological Specificity. <i>Advanced Science</i> , 2019 , 6, 1900835	13.6	8
276	Augment of Oxidative Damage with Enhanced Photodynamic Process and MTH1 Inhibition for Tumor Therapy. <i>Nano Letters</i> , 2019 , 19, 5568-5576	11.5	36
275	Artificial Natural Killer Cells for Specific Tumor Inhibition and Renegade Macrophage Re-Education. <i>Advanced Materials</i> , 2019 , 31, e1904495	24	36
274	Nanotherapeutics interfere with cellular redox homeostasis for highly improved photodynamic therapy. <i>Biomaterials</i> , 2019 , 224, 119500	15.6	33
273	A self-delivery system based on an amphiphilic proapoptotic peptide for tumor targeting therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 778-785	7.3	8
272	Controlled synthesis of a core-shell nanohybrid for effective multimodal image-guided combined photothermal/photodynamic therapy of tumors. <i>NPG Asia Materials</i> , 2019 , 11,	10.3	20
271	Platelet-Mimicking Biotaxis Targeting Vasculature-Disrupted Tumors for Cascade Amplification of Hypoxia-Sensitive Therapy. <i>ACS Nano</i> , 2019 , 13, 14230-14240	16.7	37
270	Intra/Extracellular Lactic Acid Exhaustion for Synergistic Metabolic Therapy and Immunotherapy of Tumors. <i>Advanced Materials</i> , 2019 , 31, e1904639	24	103
269	Research Progress in Functional Metal-Organic Frameworks for Tumor Therapy. <i>Acta Chimica Sinica</i> , 2019 , 77, 1156	3.3	4
268	Recent Advances in Subcellular Targeted Cancer Therapy Based on Functional Materials. <i>Advanced Materials</i> , 2019 , 31, e1802725	24	154
267	Metal-Organic Framework Mediated Multifunctional Nanoplatforms for Cancer Therapy. <i>Advanced Therapeutics</i> , 2019 , 2, 1800100	4.9	20
266	A two-photon excited O-evolving nanocomposite for efficient photodynamic therapy against hypoxic tumor. <i>Biomaterials</i> , 2019 , 194, 84-93	15.6	64

265	A biomimetic cascade nanoreactor for tumor targeted starvation therapy-amplified chemotherapy. <i>Biomaterials</i> , 2019 , 195, 75-85	15.6	93
264	An ATP-Regulated Ion Transport Nanosystem for Homeostatic Perturbation Therapy and Sensitizing Photodynamic Therapy by Autophagy Inhibition of Tumors. <i>ACS Central Science</i> , 2019 , 5, 327-340	16.8	34
263	Mitochondria and plasma membrane dual-targeted chimeric peptide for single-agent synergistic photodynamic therapy. <i>Biomaterials</i> , 2019 , 188, 1-11	15.6	97
262	Novel 2D Layered Molybdenum Ditetelluride Encapsulated in Few-Layer Graphene as High-Performance Anode for Lithium-Ion Batteries. <i>Small</i> , 2018 , 14, e1703680	11	37
261	iRGD Modified Chemo-immunotherapeutic Nanoparticles for Enhanced Immunotherapy against Glioblastoma. <i>Advanced Functional Materials</i> , 2018 , 28, 1800025	15.6	64
260	Combinational strategy for high-performance cancer chemotherapy. <i>Biomaterials</i> , 2018 , 171, 178-197	15.6	116
259	Virus-Inspired Nanogenes Free from Man-Made Materials for Host-Specific Transfection and Bio-Aided MR Imaging. <i>Advanced Materials</i> , 2018 , 30, e1707459	24	22
258	MnO Motor: A Prospective Cancer-Starving Therapy Promoter. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15030-15039	9.5	72
257	A self-delivery membrane system for enhanced anti-tumor therapy. <i>Biomaterials</i> , 2018 , 161, 81-94	15.6	38
256	A cellular/intranuclear dual-targeting nanoplatfom based on gold nanostar for accurate tumor photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 1543-1551	7.3	16
255	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
254	Dual Drug Delivery System Based on Biodegradable Organosilica Core-Shell Architectures. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 5287-5295	9.5	23
253	Porphyritic Metal-Organic Frameworks Coated Gold Nanorods as a Versatile Nanoplatfom for Combined Photodynamic/Photothermal/Chemotherapy of Tumor. <i>Advanced Functional Materials</i> , 2018 , 28, 1705451	15.6	179
252	A Transformable Chimeric Peptide for Cell Encapsulation to Overcome Multidrug Resistance. <i>Small</i> , 2018 , 14, e1703321	11	55
251	Controlled Nucleation and Controlled Growth for Size Predicable 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
250	Optically-controlled bacterial metabolite for cancer therapy. <i>Nature Communications</i> , 2018 , 9, 1680	17.4	125
249	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
248	A Universal Approach to Render Nanomedicine with Biological Identity Derived from Cell Membranes. <i>Biomacromolecules</i> , 2018 , 19, 2043-2052	6.9	15

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245	A biomimetic theranostic O-meter for cancer targeted photodynamic therapy and phosphorescence imaging. <i>Biomaterials</i> , 2018 , 151, 1-12	15.6	72
244	Biomedical applications of functional peptides in nano-systems. <i>Materials Today Chemistry</i> , 2018 , 9, 91-102		27
243	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
242	Interfering with Lactate-Fueled Respiration for Enhanced Photodynamic Tumor Therapy by a Porphyrinic MOF Nanoplatfom. <i>Advanced Functional Materials</i> , 2018 , 28, 1803498	15.6	65
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240	Aggressive Man-Made Red Blood Cells for Hypoxia-Resistant Photodynamic Therapy. <i>Advanced Materials</i> , 2018 , 30, e1802006	24	160
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235	A dual-responsive, hyaluronic acid targeted drug delivery system based on hollow mesoporous silica nanoparticles for cancer therapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 4618-4629	7.3	45
234	Recent advances in nanomaterials for enhanced photothermal therapy of tumors. <i>Nanoscale</i> , 2018 , 10, 22657-22672	7.7	190
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122	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

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114	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
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