

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.

475
papers

82,813
citations

152
h-index

280
g-index

498
ext. papers

93,618
ext. citations

13.4
avg, IF

8.49
L-index

#	Paper	IF	Citations
475	Redox chemistry-enabled stepwise surface dual nanoparticle engineering of 2D MXenes for tumor-sensitive and MRI-guided photonic breast-cancer hyperthermia in the NIR-II biowindow.. <i>Biomaterials Science</i> , 2022 ,	7.4	2
474	Nanoscale CaH ₂ materials for synergistic hydrogen-immune cancer therapy. <i>CheM</i> , 2022 , 8, 268-286	16.2	12
473	Nanovaccines with cell-derived components for cancer immunotherapy.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 114107	18.5	3
472	Albumin-Based Therapeutics Capable of Glutathione Consumption and Hydrogen Peroxide Generation for Synergetic Chemodynamic and Chemotherapy of Cancer.. <i>ACS Nano</i> , 2022 ,	16.7	5
471	Smart Nanomedicine to Enable Crossing Blood-Brain Barrier Delivery of Checkpoint Blockade Antibody for Immunotherapy of Glioma.. <i>ACS Nano</i> , 2022 ,	16.7	7
470	Titanium carbide nanosheets with defect structure for photothermal-enhanced sonodynamic therapy. <i>Bioactive Materials</i> , 2022 , 8, 409-419	16.7	15
469	Lipid-Coated CaCO Nanoparticles as a Versatile pH-Responsive Drug Delivery Platform to Enable Combined Chemotherapy of Breast Cancer.. <i>ACS Applied Bio Materials</i> , 2022 ,	4.1	1
468	High relaxivity Gd-based organic nanoparticles for efficient magnetic resonance angiography.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 170	9.4	0
467	Collagen-targeted tumor-specific transepithelial penetration enhancer mediated intravesical chemoimmunotherapy for non-muscle-invasive bladder cancer.. <i>Biomaterials</i> , 2022 , 283, 121422	15.6	4
466	Immunogenic nanomedicine based on GSH-responsive nanoscale covalent organic polymers for chemo-sonodynamic therapy.. <i>Biomaterials</i> , 2022 , 283, 121428	15.6	5
465	Albumin-binding lipid-aptamer conjugates for cancer immunoimaging and immunotherapy. <i>Science China Chemistry</i> , 2022 , 65, 574-583	7.9	1
464	Targeting Endogenous Hydrogen Peroxide at Bone Defects Promotes Bone Repair. <i>Advanced Functional Materials</i> , 2022 , 32, 2111208	15.6	8
463	Magnesium galvanic cells produce hydrogen and modulate the tumor microenvironment to inhibit cancer growth.. <i>Nature Communications</i> , 2022 , 13, 2336	17.4	5
462	Biomedical polymers: synthesis, properties, and applications.. <i>Science China Chemistry</i> , 2022 , 1-66	7.9	11
461	Eddy current thermal effect based on magnesium microrods for combined tumor therapy. <i>Chemical Engineering Journal</i> , 2022 , 446, 137038	14.7	0
460	Engineering bioluminescent bacteria to boost photodynamic therapy and systemic anti-tumor immunity for synergistic cancer treatment.. <i>Biomaterials</i> , 2021 , 281, 121332	15.6	4
459	Equipping Cancer Cell Membrane Vesicles with Functional DNA as a Targeted Vaccine for Cancer Immunotherapy. <i>Nano Letters</i> , 2021 , 21, 9410-9418	11.5	6

458	Injectable Immunotherapeutic Thermogel for Enhanced Immunotherapy Post Tumor Radiofrequency Ablation. <i>Small</i> , 2021 , e2104773	11	3
457	Coordination Polymer-Coated CaCO Reinforces Radiotherapy by Reprogramming the Immunosuppressive Metabolic Microenvironment. <i>Advanced Materials</i> , 2021 , 34, e2106520	24	8
456	Perfluorocarbon loaded fluorinated covalent organic polymers with effective sonosensitization and tumor hypoxia relief enable synergistic sonodynamic-immunotherapy. <i>Biomaterials</i> , 2021 , 121250	15.6	8
455	Nanoparticle-Based Phototherapy in Combination with Checkpoint Blockade for Cancer Immunotherapy. <i>Bioanalysis</i> , 2021 , 209-222	0.5	
454	Mesenchymal Stem Cell-Derived Extracellular Vesicles with High PD-L1 Expression for Autoimmune Diseases Treatment. <i>Advanced Materials</i> , 2021 , e2106265	24	9
453	Tumor microenvironment-responsive dynamic inorganic nanoassemblies for cancer imaging and treatment. <i>Advanced Drug Delivery Reviews</i> , 2021 , 179, 114004	18.5	7
452	Guiding Drug Through Interrupted Bloodstream for Potentiated Thrombolysis by C-Shaped Magnetic Actuation System In Vivo. <i>Advanced Materials</i> , 2021 , e2105351	24	7
451	ATP-Responsive Smart Hydrogel Releasing Immune Adjuvant Synchronized with Repeated Chemotherapy or Radiotherapy to Boost Antitumor Immunity. <i>Advanced Materials</i> , 2021 , 33, e2007910	24	43
450	Antitumor Agents Based on Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2021 , 133, 16901-16914	3.6	2
449	Antitumor Agents Based on Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16763-16776	16.4	46
448	Biological membrane derived nanomedicines for cancer therapy. <i>Science China Chemistry</i> , 2021 , 64, 719-733	7.3	8
447	Multifunctional MnO nanoparticles for tumor microenvironment modulation and cancer therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , 13, e1720	9.2	14
446	Immunosuppressive Nanoparticles for Management of Immune-Related Adverse Events in Liver. <i>ACS Nano</i> , 2021 , 15, 9111-9125	16.7	10
445	Aptamer-Based Logic Computing Reaction on Living Cells to Enable Non-Antibody Immune Checkpoint Blockade Therapy. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8391-8401	16.4	15
444	Fluorinated Chitosan Mediated Synthesis of Copper Selenide Nanoparticles with Enhanced Penetration for Second Near-Infrared Photothermal Therapy of Bladder Cancer. <i>Advanced Therapeutics</i> , 2021 , 4, 2100043	4.9	2
443	Reactive Oxygen Species Scavenging Sutures for Enhanced Wound Sealing and Repair. <i>Small Structures</i> , 2021 , 2, 2100002	8.7	6
442	CaCO ₃ -Encapsulated Microspheres for Enhanced Transhepatic Arterial Embolization Treatment of Hepatocellular Carcinoma. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100748	10.1	4
441	Novel Multifunctional Stimuli-Responsive Nanoparticles for Synergetic Chemo-Photothermal Therapy of Tumors. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 28802-28817	9.5	14

440	Photodynamic creation of artificial tumor microenvironments to collectively facilitate hypoxia-activated chemotherapy delivered by coagulation-targeting liposomes. <i>Chemical Engineering Journal</i> , 2021 , 414, 128731	14.7	7
439	Tumor-killing nanoreactors fueled by tumor debris can enhance radiofrequency ablation therapy and boost antitumor immune responses. <i>Nature Communications</i> , 2021 , 12, 4299	17.4	15
438	Biodegradable magnesium alloy with eddy thermal effect for effective and accurate magnetic hyperthermia ablation of tumors. <i>National Science Review</i> , 2021 , 8, nwa122	10.8	11
437	Construction of Enzyme Nanoreactors to Enable Tumor Microenvironment Modulation and Enhanced Cancer Treatment. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001167	10.1	9
436	Sonodynamic therapy with immune modulatable two-dimensional coordination nanosheets for enhanced anti-tumor immunotherapy. <i>Nano Research</i> , 2021 , 14, 212-221	10	29
435	Engineering two-dimensional silicene composite nanosheets for dual-sensitized and photonic hyperthermia-augmented cancer radiotherapy. <i>Biomaterials</i> , 2021 , 269, 120455	15.6	19
434	Controlled release of immunotherapeutics for enhanced cancer immunotherapy after local delivery. <i>Journal of Controlled Release</i> , 2021 , 329, 882-893	11.7	6
433	Bacteria-derived membrane vesicles to advance targeted photothermal tumor ablation. <i>Biomaterials</i> , 2021 , 268, 120550	15.6	22
432	Thermo-Triggered In Situ Chitosan-Based Gelation System for Repeated and Enhanced Sonodynamic Therapy Post a Single Injection. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001208	10.1	5
431	Biomaterial-mediated internal radioisotope therapy. <i>Materials Horizons</i> , 2021 , 8, 1348-1366	14.4	8
430	Nanoparticle-Mediated Delivery of Inhaled Immunotherapeutics for Treating Lung Metastasis. <i>Advanced Materials</i> , 2021 , 33, e2007557	24	28
429	Ultrasound-Mediated Remotely Controlled Nanovaccine Delivery for Tumor Vaccination and Individualized Cancer Immunotherapy. <i>Nano Letters</i> , 2021 , 21, 1228-1237	11.5	16
428	Transmucosal Delivery of Self-Assembling Photosensitizer-Nitazoxanide Nanocomplexes with Fluorinated Chitosan for Instillation-Based Photodynamic Therapy of Orthotopic Bladder Tumors. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 1485-1495	5.5	3
427	Activating Layered Metal Oxide Nanomaterials via Structural Engineering as Biodegradable Nanoagents for Photothermal Cancer Therapy. <i>Small</i> , 2021 , 17, e2007486	11	49
426	Liquid exfoliation of TiN nanodots as novel sonosensitizers for photothermal-enhanced sonodynamic therapy against cancer. <i>Nano Today</i> , 2021 , 39, 101170	17.9	32
425	Mechanically active adhesive and immune regulative dressings for wound closure. <i>Matter</i> , 2021 , 4, 2985-3000	10	15
424	Two-phase releasing immune-stimulating composite orchestrates protection against microbial infections. <i>Biomaterials</i> , 2021 , 277, 121106	15.6	0
423	A general in-situ reduction method to prepare core-shell liquid-metal / metal nanoparticles for photothermally enhanced catalytic cancer therapy. <i>Biomaterials</i> , 2021 , 277, 121125	15.6	9

4 ²²	Ultra-small natural product based coordination polymer nanodots for acute kidney injury relief. <i>Materials Horizons</i> , 2021 , 8, 1314-1322	14.4	10
4 ²¹	Bioorthogonal Coordination Polymer Nanoparticles with Aggregation-Induced Emission for Deep Tumor-Penetrating Radio- and Radiodynamic Therapy. <i>Advanced Materials</i> , 2021 , 33, e2007888	24	29
4 ²⁰	Inorganic nanomaterials with rapid clearance for biomedical applications. <i>Chemical Society Reviews</i> , 2021 , 50, 8669-8742	58.5	55
4 ¹⁹	DNA-Edited Ligand Positioning on Red Blood Cells to Enable Optimized T Cell Activation for Adoptive Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14842-14853	16.4	30
4 ¹⁸	Photoactivated H Nanogenerator for Enhanced Chemotherapy of Bladder Cancer. <i>ACS Nano</i> , 2020 , 14, 8135-8148	16.7	32
4 ¹⁷	DNA-Edited Ligand Positioning on Red Blood Cells to Enable Optimized T Cell Activation for Adoptive Immunotherapy. <i>Angewandte Chemie</i> , 2020 , 132, 14952-14963	3.6	1
4 ¹⁶	Oxaliplatin-/NLG919 prodrugs-constructed liposomes for effective chemo-immunotherapy of colorectal cancer. <i>Biomaterials</i> , 2020 , 255, 120190	15.6	29
4 ¹⁵	Perfluorocarbon nanodroplets stabilized with cisplatin-prodrug-constructed lipids enable efficient tumor oxygenation and chemo-radiotherapy of cancer. <i>Nanoscale</i> , 2020 , 12, 14764-14774	7.7	13
4 ¹⁴	Injectable Nonmagnetic Liquid Metal for Eddy-Thermal Ablation of Tumors under Alternating Magnetic Field. <i>Small Methods</i> , 2020 , 4, 2000147	12.8	17
4 ¹³	Two-dimensional silicene composite nanosheets enable exogenous/endogenous-responsive and synergistic hyperthermia-augmented catalytic tumor theranostics. <i>Biomaterials</i> , 2020 , 256, 120206	15.6	34
4 ¹²	Photosensitizer-Modified MnO Nanoparticles to Enhance Photodynamic Treatment of Abscesses and Boost Immune Protection for Treated Mice. <i>Small</i> , 2020 , 16, e2000589	11	40
4 ¹¹	Porous Pt nanoparticles loaded with doxorubicin to enable synergistic Chemo-/Electrodynamical Therapy. <i>Biomaterials</i> , 2020 , 255, 120202	15.6	37
4 ¹⁰	Ultrafine Titanium Monoxide (TiO) Nanorods for Enhanced Sonodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6527-6537	16.4	151
4 ⁰⁹	Synthesis of CaCO ₃ -Based Nanomedicine for Enhanced Sonodynamic Therapy via Amplification of Tumor Oxidative Stress. <i>Chem</i> , 2020 , 6, 1391-1407	16.2	98
4 ⁰⁸	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , 2020 , 10, 4030-4041	12.1	9
4 ⁰⁷	Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. <i>Biomaterials</i> , 2020 , 246, 119971	15.6	29
4 ⁰⁶	Localized cocktail chemoimmunotherapy after in situ gelation to trigger robust systemic antitumor immune responses. <i>Science Advances</i> , 2020 , 6, eaaz4204	14.3	70
4 ⁰⁵	Defect engineering of 2D BiOCl nanosheets for photonic tumor ablation. <i>Nanoscale Horizons</i> , 2020 , 5, 857-868	10.8	18

404	Tumor microenvironment-responsive intelligent nanoplatforms for cancer theranostics. <i>Nano Today</i> , 2020 , 32, 100851	17.9	118
403	Biodegradable Nanoscale Coordination Polymers for Targeted Tumor Combination Therapy with Oxidative Stress Amplification. <i>Advanced Functional Materials</i> , 2020 , 30, 1908865	15.6	58
402	The enhanced permeability and retention effect based nanomedicine at the site of injury. <i>Nano Research</i> , 2020 , 13, 564-569	10	28
401	Fluorinated Chitosan To Enhance Transmucosal Delivery of Sonosensitizer-Conjugated Catalase for Sonodynamic Bladder Cancer Treatment Post-intravesical Instillation. <i>ACS Nano</i> , 2020 , 14, 1586-1599	16.7	77
400	Protein-drug conjugate programmed by pH-reversible linker for tumor hypoxia relief and enhanced cancer combination therapy. <i>International Journal of Pharmaceutics</i> , 2020 , 582, 119321	6.5	10
399	Mesoporous silica decorated with platinum nanoparticles for drug delivery and synergistic electrodynamic-chemotherapy. <i>Nano Research</i> , 2020 , 13, 2209-2215	10	19
398	Calming Cytokine Storm in Pneumonia by Targeted Delivery of TPCA-1 Using Platelet-Derived Extracellular Vesicles. <i>Matter</i> , 2020 , 3, 287-301	12.7	53
397	Biodegradable CoS ₂ nanoclusters for photothermal-enhanced chemodynamic therapy. <i>Applied Materials Today</i> , 2020 , 18, 100464	6.6	27
396	Ultrasmall Pyropheophorbidea Nanodots for Nearinfrared Fluorescence/Photoacoustic Imaging-guided Photodynamic Therapy. <i>Theranostics</i> , 2020 , 10, 62-73	12.1	22
395	GSH-Depleted PtCu ₃ Nanocages for Chemodynamic- Enhanced Sonodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1907954	15.6	184
394	Effect of the Temperature on NO Release Characteristics in an O ₂ /CO ₂ Atmosphere during Coal Combustion. <i>Energy & Fuels</i> , 2020 , 34, 842-852	4.1	5
393	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> , 2020 , 30, 1906922	15.6	33
392	Advances in imaging strategies for in vivo tracking of exosomes. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1594	9.2	26
391	Chemiluminescent Nanosystems for Imaging Cancer Chemodynamic Therapy. <i>CheM</i> , 2020 , 6, 2127-2129	16.2	10
390	An implantable blood clot-based immune niche for enhanced cancer vaccination. <i>Science Advances</i> , 2020 , 6,	14.3	33
389	Surfactant-stripped J-aggregates of azaBODIPY derivatives: All-in-one phototheranostics in the second near infrared window. <i>Journal of Controlled Release</i> , 2020 , 326, 256-264	11.7	7
388	Ultrasmall Iron-Doped Titanium Oxide Nanodots for Enhanced Sonodynamic and Chemodynamic Cancer Therapy. <i>ACS Nano</i> , 2020 , 14, 15119-15130	16.7	66
387	V-TiO ₂ nanospindles with regulating tumor microenvironment performance for enhanced sonodynamic cancer therapy. <i>Applied Physics Reviews</i> , 2020 , 7, 041411	17.3	29

386	Biodegradable Fe-Doped Vanadium Disulfide Theranostic Nanosheets for Enhanced Sonodynamic/Chemodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 52370-52382	9.5	31
385	Injectable Anti-inflammatory Nanofiber Hydrogel to Achieve Systemic Immunotherapy Post Local Administration. <i>Nano Letters</i> , 2020 , 20, 6763-6773	11.5	31
384	Preparation of TiH nanodots by liquid-phase exfoliation for enhanced sonodynamic cancer therapy. <i>Nature Communications</i> , 2020 , 11, 3712	17.4	77
383	ROS-scavenging hydrogel to promote healing of bacteria infected diabetic wounds. <i>Biomaterials</i> , 2020 , 258, 120286	15.6	108
382	Recent progress of chemodynamic therapy-induced combination cancer therapy. <i>Nano Today</i> , 2020 , 35, 100946	17.9	140
381	Effect of CO ₂ on N Distribution in Pyrolysis and Oxidation of Volatile N and Char N in Oxy-Fuel Combustion at High Temperatures. <i>Energy & Fuels</i> , 2020 , 34, 9852-9861	4.1	1
380	Bacteria-triggered tumor-specific thrombosis to enable potent photothermal immunotherapy of cancer. <i>Science Advances</i> , 2020 , 6, eaba3546	14.3	54
379	Metal-polyphenol-network coated CaCO ₃ as pH-responsive nanocarriers to enable effective intratumoral penetration and reversal of multidrug resistance for augmented cancer treatments. <i>Nano Research</i> , 2020 , 13, 3057-3067	10	16
378	Injectable Reactive Oxygen Species-Responsive SN38 Prodrug Scaffold with Checkpoint Inhibitors for Combined Chemoimmunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 50248-50259	9.5	12
377	A general strategy towards personalized nanovaccines based on fluoropolymers for post-surgical cancer immunotherapy. <i>Nature Nanotechnology</i> , 2020 , 15, 1043-1052	28.7	124
376	Recent advances in functional nanomaterials for X-ray triggered cancer therapy. <i>Progress in Natural Science: Materials International</i> , 2020 , 30, 567-576	3.6	14
375	Oxygen-Deficient Bimetallic Oxide FeWO Nanosheets as Peroxidase-Like Nanozyme for Sensing Cancer via Photoacoustic Imaging. <i>Small</i> , 2020 , 16, e2003496	11	29
374	Bimetallic Oxide FeWOX Nanosheets as Multifunctional Cascade Bioreactors for Tumor Microenvironment-Modulation and Enhanced Multimodal Cancer Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 2002753	15.6	36
373	Near-infrared light and glucose dual-responsive cascading hydroxyl radical generation for in situ gelation and effective breast cancer treatment. <i>Biomaterials</i> , 2020 , 228, 119568	15.6	69
372	Smart Injectable Hydrogels for Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1902785	15.6	90
371	Polyoxomolybdate (POM) nanoclusters with radiosensitizing and scintillating properties for low dose X-ray inducible radiation-radiodynamic therapy. <i>Nanoscale Horizons</i> , 2020 , 5, 109-118	10.8	14
370	2D Nanomaterials for Cancer Theranostic Applications. <i>Advanced Materials</i> , 2020 , 32, e1902333	24	193
369	CaCO-Assisted Preparation of pH-Responsive Immune-Modulating Nanoparticles for Augmented Chemo-Immunotherapy. <i>Nano-Micro Letters</i> , 2020 , 13, 29	19.5	15

368	Red blood cell-derived nanoerythroosome for antigen delivery with enhanced cancer immunotherapy. <i>Science Advances</i> , 2019 , 5, eaaw6870	14.3	131
367	Cerenkov Luminescence-Induced NO Release from 32P-Labeled ZnFe(CN) ₅ NO Nanosheets to Enhance Radioisotope-Immunotherapy. <i>Matter</i> , 2019 , 1, 1061-1076	12.7	43
366	In situ thermal ablation of tumors in combination with nano-adjuvant and immune checkpoint blockade to inhibit cancer metastasis and recurrence. <i>Biomaterials</i> , 2019 , 224, 119490	15.6	36
365	Nanoparticle-Enhanced Radiotherapy to Trigger Robust Cancer Immunotherapy. <i>Advanced Materials</i> , 2019 , 31, e1802228	24	265
364	Nanoparticle-mediated internal radioisotope therapy to locally increase the tumor vasculature permeability for synergistically improved cancer therapies. <i>Biomaterials</i> , 2019 , 197, 368-379	15.6	37
363	High-yield synthesis of gold bipyramids for in vivo CT imaging and photothermal cancer therapy with enhanced thermal stability. <i>Chemical Engineering Journal</i> , 2019 , 378, 122025	14.7	16
362	Iron Nanoparticles for Low-Power Local Magnetic Hyperthermia in Combination with Immune Checkpoint Blockade for Systemic Antitumor Therapy. <i>Nano Letters</i> , 2019 , 19, 4287-4296	11.5	113
361	Hyaluronidase with pH-responsive Dextran Modification as an Adjuvant Nanomedicine for Enhanced Photodynamic-Immunotherapy of Cancer. <i>Advanced Functional Materials</i> , 2019 , 29, 1902440	15.6	103
360	A Hypoxia-Responsive Albumin-Based Nanosystem for Deep Tumor Penetration and Excellent Therapeutic Efficacy. <i>Advanced Materials</i> , 2019 , 31, e1901513	24	159
359	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> , 2019 , 304, 233-241	11.7	34
358	Fluorinated Polymer Mediated Transmucosal Peptide Delivery for Intravesical Instillation Therapy of Bladder Cancer. <i>Small</i> , 2019 , 15, e1900936	11	37
357	Light-Triggered In Situ Gelation to Enable Robust Photodynamic-Immunotherapy by Repeated Stimulations. <i>Advanced Materials</i> , 2019 , 31, e1900927	24	157
356	Clearable Theranostic Platform with a pH-Independent Chemodynamic Therapy Enhancement Strategy for Synergetic Photothermal Tumor Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 18133-18144	9.5	72
355	Nanovaccine based on a protein-delivering dendrimer for effective antigen cross-presentation and cancer immunotherapy. <i>Biomaterials</i> , 2019 , 207, 1-9	15.6	79
354	Take Immune Cells Back on Track: Glycopolymer-Engineered Tumor Cells for Triggering Immune Response. <i>ACS Macro Letters</i> , 2019 , 8, 337-344	6.6	19
353	Ultrasmall Oxygen-Deficient Bimetallic Oxide MnWO Nanoparticles for Depletion of Endogenous GSH and Enhanced Sonodynamic Cancer Therapy. <i>Advanced Materials</i> , 2019 , 31, e1900730	24	232
352	Platinum Nanoparticles to Enable Electrodynamics Therapy for Effective Cancer Treatment. <i>Advanced Materials</i> , 2019 , 31, e1806803	24	70
351	Fluorinated Polyethylenimine to Enable Transmucosal Delivery of Photosensitizer-Conjugated Catalase for Photodynamic Therapy of Orthotopic Bladder Tumors Postintravesical Instillation. <i>Advanced Functional Materials</i> , 2019 , 29, 1901932	15.6	64

350	Nanoscale metal-organic frameworks and coordination polymers as theranostic platforms for cancer treatment. <i>Coordination Chemistry Reviews</i> , 2019 , 398, 113009	23.2	42
349	Photonic/magnetic hyperthermia-synergistic nanocatalytic cancer therapy enabled by zero-valence iron nanocatalysts. <i>Biomaterials</i> , 2019 , 219, 119374	15.6	34
348	Cell-Penetrating Peptide Enhanced Antigen Presentation for Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , 2019 , 30, 2115-2126	6.3	9
347	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> , 2019 , 7, 5170-5181	7.3	17
346	Hollow Cu ₂ Se Nanozymes for Tumor Photothermal-Catalytic Therapy. <i>Chemistry of Materials</i> , 2019 , 31, 6174-6186	9.6	122
345	Hybrid Protein Nano-Reactors Enable Simultaneous Increments of Tumor Oxygenation and Iodine-131 Delivery for Enhanced Radionuclide Therapy. <i>Small</i> , 2019 , 15, e1903628	11	17
344	Local biomaterials-assisted cancer immunotherapy to trigger systemic antitumor responses. <i>Chemical Society Reviews</i> , 2019 , 48, 5506-5526	58.5	118
343	Ultrasound-Responsive Conversion of Microbubbles to Nanoparticles to Enable Background-Free in Vivo Photoacoustic Imaging. <i>Nano Letters</i> , 2019 , 19, 8109-8117	11.5	29
342	Nanoparticle-Embedded Electrospun Fiber-Covered Stent to Assist Intraluminal Photodynamic Treatment of Oesophageal Cancer. <i>Small</i> , 2019 , 15, e1904979	11	18
341	Renal Clearable Ru-based Coordination Polymer Nanodots for Photoacoustic Imaging Guided Cancer Therapy. <i>Theranostics</i> , 2019 , 9, 8266-8276	12.1	14
340	Nanoscale Coordination Polymer Based Nanovaccine for Tumor Immunotherapy. <i>ACS Nano</i> , 2019 , 13, 13127-13135	16.7	43
339	Reactive Oxygen Species-Activatable Liposomes Regulating Hypoxic Tumor Microenvironment for Synergistic Photo/Chemodynamic Therapies. <i>Advanced Functional Materials</i> , 2019 , 29, 1905013	15.6	82
338	Controllable growth of Au nanostructures onto MoS nanosheets for dual-modal imaging and photothermal-radiation combined therapy. <i>Nanoscale</i> , 2019 , 11, 22788-22795	7.7	11
337	Amplification of Tumor Oxidative Stresses with Liposomal Fenton Catalyst and Glutathione Inhibitor for Enhanced Cancer Chemotherapy and Radiotherapy. <i>Nano Letters</i> , 2019 , 19, 805-815	11.5	217
336	Two-dimensional metal-organic-framework as a unique theranostic nano-platform for nuclear imaging and chemo-photodynamic cancer therapy. <i>Nano Research</i> , 2019 , 12, 1307-1312	10	50
335	Multifunctional Two-Dimensional Core-Shell MXene@Gold Nanocomposites for Enhanced Photo-Radio Combined Therapy in the Second Biological Window. <i>ACS Nano</i> , 2019 , 13, 284-294	16.7	148
334	In situ formed reactive oxygen species-responsive scaffold with gemcitabine and checkpoint inhibitor for combination therapy. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	318
333	Core-shell TaOx@MnO nanoparticles as a nano-radiosensitizer for effective cancer radiotherapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2250-2257	7.3	30

- 332 2D magnetic titanium carbide MXene for cancer theranostics. *Journal of Materials Chemistry B*, **2018**, 6, 3541-3548 7.3 63
- 331 Upconversion Composite Nanoparticles for Tumor Hypoxia Modulation and Enhanced Near-Infrared-Triggered Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 15494-15503⁶⁶ 9.5 66
- 330 Conjugated Polymers for Near-Infrared Photothermal Therapy of Cancer **2018**, 295-320
- 329 pH-Responsive Nanoscale Covalent Organic Polymers as a Biodegradable Drug Carrier for Combined Photodynamic Chemotherapy of Cancer. *ACS Applied Materials & Interfaces*, **2018**, 10, 14475-14482 9.5 70
- 328 Glucose & oxygen exhausting liposomes for combined cancer starvation and hypoxia-activated therapy. *Biomaterials*, **2018**, 162, 123-131 15.6 151
- 327 Synthesis of Hollow Biomineralized CaCO₃-Polydopamine Nanoparticles for Multimodal Imaging-Guided Cancer Photodynamic Therapy with Reduced Skin Photosensitivity. *Journal of the American Chemical Society*, **2018**, 140, 2165-2178 16.4 290
- 326 Reassembly of Zr-Labeled Cancer Cell Membranes into Multicompartment Membrane-Derived Liposomes for PET-Trackable Tumor-Targeted Theranostics. *Advanced Materials*, **2018**, 30, e1704934 24 63
- 325 Biomimetic Copper Sulfide for Chemo-Radiotherapy: Enhanced Uptake and Reduced Efflux of Nanoparticles for Tumor Cells under Ionizing Radiation. *Advanced Functional Materials*, **2018**, 28, 1705161^{15.6} 15.6 55
- 324 2D MoS₂ Nanostructures for Biomedical Applications. *Advanced Healthcare Materials*, **2018**, 7, e1701158 10.1 89
- 323 Red Blood Cells as Smart Delivery Systems. *Bioconjugate Chemistry*, **2018**, 29, 852-860 6.3 96
- 322 Smart Nanoreactors for pH-Responsive Tumor Homing, Mitochondria-Targeting, and Enhanced Photodynamic-Immunotherapy of Cancer. *Nano Letters*, **2018**, 18, 2475-2484 11.5 245
- 321 Polydopamine nanoparticles for the treatment of acute inflammation-induced injury. *Nanoscale*, **2018**, 10, 6981-6991 7.7 103
- 320 The acidic tumor microenvironment: a target for smart cancer nano-theranostics. *National Science Review*, **2018**, 5, 269-286 10.8 144
- 319 Toward Biomaterials for Enhancing Immune Checkpoint Blockade Therapy. *Advanced Functional Materials*, **2018**, 28, 1802540 15.6 69
- 318 Iridium nanocrystals encapsulated liposomes as near-infrared light controllable nanozymes for enhanced cancer radiotherapy. *Biomaterials*, **2018**, 181, 81-91 15.6 89
- 317 2D Superparamagnetic Tantalum Carbide Composite MXenes for Efficient Breast-Cancer Theranostics. *Theranostics*, **2018**, 8, 1648-1664 12.1 116
- 316 Highly Effective Radioisotope Cancer Therapy with a Non-Therapeutic Isotope Delivered and Sensitized by Nanoscale Coordination Polymers. *ACS Nano*, **2018**, 12, 7519-7528 16.7 40
- 315 Photosensitizer-crosslinked in-situ polymerization on catalase for tumor hypoxia modulation & enhanced photodynamic therapy. *Biomaterials*, **2018**, 181, 310-317 15.6 118

314	Nanomedicine for tumor microenvironment modulation and cancer treatment enhancement. <i>Nano Today</i> , 2018 , 21, 55-73	17.9	169
313	Combined local immunostimulatory radioisotope therapy and systemic immune checkpoint blockade imparts potent antitumour responses. <i>Nature Biomedical Engineering</i> , 2018 , 2, 611-621	19	250
312	Platinum nanoworms for imaging-guided combined cancer therapy in the second near-infrared window. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 5069-5079	7.3	23
311	A GPC3-specific aptamer-mediated magnetic resonance probe for hepatocellular carcinoma. <i>International Journal of Nanomedicine</i> , 2018 , 13, 4433-4443	7.3	21
310	Bimetallic Oxide MnMoO Nanorods for in Vivo Photoacoustic Imaging of GSH and Tumor-Specific Photothermal Therapy. <i>Nano Letters</i> , 2018 , 18, 6037-6044	11.5	103
309	Near-Infrared-Triggered in Situ Gelation System for Repeatedly Enhanced Photothermal Brachytherapy with a Single Dose. <i>ACS Nano</i> , 2018 , 12, 9412-9422	16.7	72
308	Nanoscale covalent organic polymers as a biodegradable nanomedicine for chemotherapy-enhanced photodynamic therapy of cancer. <i>Nano Research</i> , 2018 , 11, 3244-3257	10	60
307	Albumin-Assisted Synthesis of Ultrasmall FeS Nanodots for Imaging-Guided Photothermal Enhanced Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 332-340	9.5	49
306	Functionalized graphene oxide triggers cell cycle checkpoint control through both the ATM and the ATR signaling pathways. <i>Carbon</i> , 2018 , 129, 495-503	10.4	11
305	NIR-II light activated photodynamic therapy with protein-capped gold nanoclusters. <i>Nano Research</i> , 2018 , 11, 5657-5669	10	55
304	Janus Iron Oxides @ Semiconducting Polymer Nanoparticle Tracer for Cell Tracking by Magnetic Particle Imaging. <i>Nano Letters</i> , 2018 , 18, 182-189	11.5	117
303	Manganese Dioxide Coated WS @Fe O /sSiO Nanocomposites for pH-Responsive MR Imaging and Oxygen-Elevated Synergetic Therapy. <i>Small</i> , 2018 , 14, 1702664	11	87
302	One-pot synthesis of pH-responsive charge-switchable PEGylated nanoscale coordination polymers for improved cancer therapy. <i>Biomaterials</i> , 2018 , 156, 121-133	15.6	59
301	Theranostic 2D ultrathin MnO nanosheets with fast responsibility to endogenous tumor microenvironment and exogenous NIR irradiation. <i>Biomaterials</i> , 2018 , 155, 54-63	15.6	125
300	fluorescence imaging of hepatocellular carcinoma using a novel GPC3-specific aptamer probe. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018 , 8, 151-160	3.6	24
299	NIR organic dyes based on phenazine-cyanine for photoacoustic imaging-guided photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7420-7426	7.3	24
298	Collagenase-Encapsulated pH-Responsive Nanoscale Coordination Polymers for Tumor Microenvironment Modulation and Enhanced Photodynamic Nanomedicine. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 43493-43502	9.5	36
297	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256

296	Self-Supplied Tumor Oxygenation through Separated Liposomal Delivery of HO and Catalase for Enhanced Radio-Immunotherapy of Cancer. <i>Nano Letters</i> , 2018 , 18, 6360-6368	11.5	158
295	Surfactant-Stripped Micelles of Near Infrared Dye and Paclitaxel for Photoacoustic Imaging Guided Photothermal-Chemotherapy. <i>Small</i> , 2018 , 14, e1802991	11	36
294	G-Quadruplex-Based Nanoscale Coordination Polymers to Modulate Tumor Hypoxia and Achieve Nuclear-Targeted Drug Delivery for Enhanced Photodynamic Therapy. <i>Nano Letters</i> , 2018 , 18, 6867-6875	11.5	126
293	Tumor-pH-Responsive Dissociable Albumin-Tamoxifen Nanocomplexes Enabling Efficient Tumor Penetration and Hypoxia Relief for Enhanced Cancer Photodynamic Therapy. <i>Small</i> , 2018 , 14, e1803262	11	70
292	Calcium Bisphosphonate Nanoparticles with Chelator-Free Radiolabeling to Deplete Tumor-Associated Macrophages for Enhanced Cancer Radioisotope Therapy. <i>ACS Nano</i> , 2018 , 12, 11541-11551	16.7	71
291	Bioinspired tumor-homing nanosystem for precise cancer therapy via reprogramming of tumor-associated macrophages. <i>NPG Asia Materials</i> , 2018 , 10, 1002-1015	10.3	43
290	Protein-Engineered Biomaterials for Cancer Theranostics. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800913	11.3	21
289	Covalent Organic Polymers Based on Fluorinated Porphyrin as Oxygen Nanoshuttles for Tumor Hypoxia Relief and Enhanced Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1804901	15.6	127
288	Innovative Strategien für die photodynamische Therapie hypoxischer Tumore. <i>Angewandte Chemie</i> , 2018 , 130, 11694-11704	3.6	67
287	Innovative Strategies for Hypoxic-Tumor Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11522-11531	16.4	525
286	Cancer Cell Membrane-Coated Adjuvant Nanoparticles with Mannose Modification for Effective Anticancer Vaccination. <i>ACS Nano</i> , 2018 , 12, 5121-5129	16.7	303
285	Development of a thermosensitive protein conjugated nanogel for enhanced radio-chemotherapy of cancer. <i>Nanoscale</i> , 2018 , 10, 13976-13985	7.7	33
284	Postoperative executive function in adult moyamoya disease: a preliminary study of its functional anatomy and behavioral correlates. <i>Journal of Neurosurgery</i> , 2017 , 126, 527-536	3.2	21
283	Core-shell and co-doped nanoscale metal-organic particles (NMOPs) obtained via post-synthesis cation exchange for multimodal imaging and synergistic thermo-radiotherapy. <i>NPG Asia Materials</i> , 2017 , 9, e344-e344	10.3	41
282	Nanoscale-Coordination-Polymer-Shelled Manganese Dioxide Composite Nanoparticles: A Multistage Redox/pH/H ₂ O ₂ -Responsive Cancer Theranostic Nanoplatform. <i>Advanced Functional Materials</i> , 2017 , 27, 1605926	15.6	156
281	Photosensitizer Decorated Red Blood Cells as an Ultrasensitive Light-Responsive Drug Delivery System. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5855-5863	9.5	41
280	Chelator-Free Radiolabeling of Nanographene: Breaking the Stereotype of Chelation. <i>Angewandte Chemie</i> , 2017 , 129, 2935-2938	3.6	9
279	Chelator-Free Radiolabeling of Nanographene: Breaking the Stereotype of Chelation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2889-2892	16.4	53

278	HO-responsive liposomal nanoprobe for photoacoustic inflammation imaging and tumor theranostics via in vivo chromogenic assay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 5343-5348	11.5	331
277	Albumin-Templated Manganese Dioxide Nanoparticles for Enhanced Radioisotope Therapy. <i>Small</i> , 2017 , 13, 1700640	11	59
276	Catalase-loaded cisplatin-prodrug-constructed liposomes to overcome tumor hypoxia for enhanced chemo-radiotherapy of cancer. <i>Biomaterials</i> , 2017 , 138, 13-21	15.6	152
275	Bottom-Up Preparation of Uniform Ultrathin Rhenium Disulfide Nanosheets for Image-Guided Photothermal Radiotherapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1700250	15.6	80
274	Redox-Sensitive Nanoscale Coordination Polymers for Drug Delivery and Cancer Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 23555-23563	9.5	103
273	Iodine-131-labeled, transferrin-capped polypyrrole nanoparticles for tumor-targeted synergistic photothermal-radioisotope therapy. <i>Biomaterials Science</i> , 2017 , 5, 1828-1835	7.4	31
272	Emerging Nanotechnology and Advanced Materials for Cancer Radiation Therapy. <i>Advanced Materials</i> , 2017 , 29, 1700996	24	336
271	Label-Free, Quantitative Imaging of MoS ₂ -Nanosheets in Live Cells with Simultaneous Stimulated Raman Scattering and Transient Absorption Microscopy. <i>Advanced Biology</i> , 2017 , 1, e1700013	3.5	23
270	Near-Infrared-Triggered Photodynamic Therapy with Multitasking Upconversion Nanoparticles in Combination with Checkpoint Blockade for Immunotherapy of Colorectal Cancer. <i>ACS Nano</i> , 2017 , 11, 4463-4474	16.7	442
269	Synthesis of Janus Au@periodic mesoporous organosilica (PMO) nanostructures with precisely controllable morphology: a seed-shape defined growth mechanism. <i>Nanoscale</i> , 2017 , 9, 4826-4834	7.7	36
268	Theranostic Liposomes with Hypoxia-Activated Prodrug to Effectively Destruct Hypoxic Tumors Post-Photodynamic Therapy. <i>ACS Nano</i> , 2017 , 11, 927-937	16.7	281
267	Comparison of nanomedicine-based chemotherapy, photodynamic therapy and photothermal therapy using reduced graphene oxide for the model system. <i>Biomaterials Science</i> , 2017 , 5, 331-340	7.4	56
266	Drug-Loaded Mesoporous Tantalum Oxide Nanoparticles for Enhanced Synergetic Chemoradiotherapy with Reduced Systemic Toxicity. <i>Small</i> , 2017 , 13, 1602869	11	48
265	pH-Sensitive Dissociable Nanoscale Coordination Polymers with Drug Loading for Synergistically Enhanced Chemoradiotherapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1703832	15.6	48
264	Tumor vasculature normalization by orally fed erlotinib to modulate the tumor microenvironment for enhanced cancer nanomedicine and immunotherapy. <i>Biomaterials</i> , 2017 , 148, 69-80	15.6	64
263	Hollow MnO ₂ as a tumor-microenvironment-responsive biodegradable nano-platform for combination therapy favoring antitumor immune responses. <i>Nature Communications</i> , 2017 , 8, 902	17.4	781
262	Photothermal Therapy: 1D Coordination Polymer Nanofibers for Low-Temperature Photothermal Therapy (Adv. Mater. 40/2017). <i>Advanced Materials</i> , 2017 , 29,	24	3
261	Radionuclide I-131 Labeled Albumin-Paclitaxel Nanoparticles for Synergistic Combined Chemo-radioisotope Therapy of Cancer. <i>Theranostics</i> , 2017 , 7, 614-623	12.1	66

260	1D Coordination Polymer Nanofibers for Low-Temperature Photothermal Therapy. <i>Advanced Materials</i> , 2017 , 29, 1703588	24	257
259	Two-Dimensional Graphene Augments Nanosensitized Sonocatalytic Tumor Eradication. <i>ACS Nano</i> , 2017 , 11, 9467-9480	16.7	173
258	Renal-Clearable Ultrasmall Coordination Polymer Nanodots for Chelator-Free Cu-Labeling and Imaging-Guided Enhanced Radiotherapy of Cancer. <i>ACS Nano</i> , 2017 , 11, 9103-9111	16.7	62
257	Surface-Engineering of Red Blood Cells as Artificial Antigen Presenting Cells Promising for Cancer Immunotherapy. <i>Small</i> , 2017 , 13, 1701864	11	39
256	Biocompatible 2D Titanium Carbide (MXenes) Composite Nanosheets for pH-Responsive MRI-Guided Tumor Hyperthermia. <i>Chemistry of Materials</i> , 2017 , 29, 8637-8652	9.6	193
255	Albumin-templated biomineralizing growth of composite nanoparticles as smart nano-theranostics for enhanced radiotherapy of tumors. <i>Nanoscale</i> , 2017 , 9, 14826-14835	7.7	60
254	Light-controlled drug release from singlet-oxygen sensitive nanoscale coordination polymers enabling cancer combination therapy. <i>Biomaterials</i> , 2017 , 146, 40-48	15.6	80
253	Erythrocyte-Membrane-Enveloped Perfluorocarbon as Nanoscale Artificial Red Blood Cells to Relieve Tumor Hypoxia and Enhance Cancer Radiotherapy. <i>Advanced Materials</i> , 2017 , 29, 1701429	24	315
252	Ultra-small iron-gallic acid coordination polymer nanoparticles for chelator-free labeling of Cu and multimodal imaging-guided photothermal therapy. <i>Nanoscale</i> , 2017 , 9, 12609-12617	7.7	77
251	Metallic oxide nanocrystals with near-infrared plasmon resonance for efficient, stable and biocompatible photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7393-7402	7.3	17
250	Degradable Vanadium Disulfide Nanostructures with Unique Optical and Magnetic Functions for Cancer Theranostics. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12991-12996	16.4	95
249	Degradable Vanadium Disulfide Nanostructures with Unique Optical and Magnetic Functions for Cancer Theranostics. <i>Angewandte Chemie</i> , 2017 , 129, 13171-13176	3.6	33
248	Chelator-Free Labeling of Metal Oxide Nanostructures with Zirconium-89 for Positron Emission Tomography Imaging. <i>ACS Nano</i> , 2017 , 11, 12193-12201	16.7	27
247	Two-Dimensional Tantalum Carbide (MXenes) Composite Nanosheets for Multiple Imaging-Guided Photothermal Tumor Ablation. <i>ACS Nano</i> , 2017 , 11, 12696-12712	16.7	223
246	Liposomes co-loaded with metformin and chlorin e6 modulate tumor hypoxia during enhanced photodynamic therapy. <i>Nano Research</i> , 2017 , 10, 1200-1212	10	105
245	TaOx decorated perfluorocarbon nanodroplets as oxygen reservoirs to overcome tumor hypoxia and enhance cancer radiotherapy. <i>Biomaterials</i> , 2017 , 112, 257-263	15.6	156
244	Near-infrared light activation of quenched liposomal Ce6 for synergistic cancer phototherapy with effective skin protection. <i>Biomaterials</i> , 2017 , 127, 13-24	15.6	97
243	Drug-induced co-assembly of albumin/catalase as smart nano-theranostics for deep intra-tumoral penetration, hypoxia relieve, and synergistic combination therapy. <i>Journal of Controlled Release</i> , 2017 , 263, 79-89	11.7	126

242	In Vivo Long-Term Biodistribution, Excretion, and Toxicology of PEGylated Transition-Metal Dichalcogenides MS (M = Mo, W, Ti) Nanosheets. <i>Advanced Science</i> , 2017 , 4, 1600160	13.6	147
241	Renal-Clearable PEGylated Porphyrin Nanoparticles for Image-guided Photodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1702928	15.6	90
240	Ultra-small MoS ₂ nanodots with rapid body clearance for photothermal cancer therapy. <i>Nano Research</i> , 2016 , 9, 3003-3017	10	109
239	Rhenium-188 Labeled Tungsten Disulfide Nanoflakes for Self-Sensitized, Near-Infrared Enhanced Radioisotope Therapy. <i>Small</i> , 2016 , 12, 3967-75	11	45
238	Nanographene in Biomedical Applications 2016 , 251-282		3
237	Ultrasound Triggered Tumor Oxygenation with Oxygen-Shuttle Nanoperfluorocarbon to Overcome Hypoxia-Associated Resistance in Cancer Therapies. <i>Nano Letters</i> , 2016 , 16, 6145-6153	11.5	400
236	Biomedical Applications of Carbon Nanomaterials 2016 , 131-162		2
235	Organic-Base-Driven Intercalation and Delamination for the Production of Functionalized Titanium Carbide Nanosheets with Superior Photothermal Therapeutic Performance. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14569-14574	16.4	295
234	Photothermal therapy with immune-adjuvant nanoparticles together with checkpoint blockade for effective cancer immunotherapy. <i>Nature Communications</i> , 2016 , 7, 13193	17.4	963
233	Organic-Base-Driven Intercalation and Delamination for the Production of Functionalized Titanium Carbide Nanosheets with Superior Photothermal Therapeutic Performance. <i>Angewandte Chemie</i> , 2016 , 128, 14789-14794	3.6	99
232	FeSe-Decorated BiSe Nanosheets Fabricated via Cation Exchange for Chelator-Free Cu-labeling and Multimodal Image-Guided Photothermal-Radiation Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 2185-2197	15.6	193
231	Modulation of Hypoxia in Solid Tumor Microenvironment with MnO ₂ Nanoparticles to Enhance Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 5490-5498	15.6	391
230	Perfluorocarbon-Loaded Hollow Bi ₂ Se ₃ Nanoparticles for Timely Supply of Oxygen under Near-Infrared Light to Enhance the Radiotherapy of Cancer. <i>Advanced Materials</i> , 2016 , 28, 2716-23	24	416
229	Cancer Therapy: Perfluorocarbon-Loaded Hollow Bi ₂ Se ₃ Nanoparticles for Timely Supply of Oxygen under Near-Infrared Light to Enhance the Radiotherapy of Cancer (Adv. Mater. 14/2016). <i>Advanced Materials</i> , 2016 , 28, 2654-2654	24	10
228	Degradable Molybdenum Oxide Nanosheets with Rapid Clearance and Efficient Tumor Homing Capabilities as a Therapeutic Nanoplatform. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2122-6	16.4	212
227	Accelerated Blood Clearance Phenomenon Reduces the Passive Targeting of PEGylated Nanoparticles in Peripheral Arterial Disease. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17955-63	9.5	40
226	Emerging nanomedicine approaches fighting tumor metastasis: animal models, metastasis-targeted drug delivery, phototherapy, and immunotherapy. <i>Chemical Society Reviews</i> , 2016 , 45, 6250-6269	58.5	286
225	Re-assessing the enhanced permeability and retention effect in peripheral arterial disease using radiolabeled long circulating nanoparticles. <i>Biomaterials</i> , 2016 , 100, 101-9	15.6	45

224	Recent advances in the development of nanomaterials for DC-based immunotherapy. <i>Science Bulletin</i> , 2016 , 61, 514-523	10.6	8
223	Cisplatin-Prodrug-Constructed Liposomes as a Versatile Theranostic Nanoplatfom for Bimodal Imaging Guided Combination Cancer Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 2207-2217	15.6	126
222	Degradable Molybdenum Oxide Nanosheets with Rapid Clearance and Efficient Tumor Homing Capabilities as a Therapeutic Nanoplatfom. <i>Angewandte Chemie</i> , 2016 , 128, 2162-2166	3.6	8
221	Nanoscale Metal-Organic Particles with Rapid Clearance for Magnetic Resonance Imaging-Guided Photothermal Therapy. <i>ACS Nano</i> , 2016 , 10, 2774-81	16.7	244
220	Functionalized graphene oxide serves as a novel vaccine nano-adjuvant for robust stimulation of cellular immunity. <i>Nanoscale</i> , 2016 , 8, 3785-95	7.7	62
219	Near-infrared light-activated cancer cell targeting and drug delivery with aptamer-modified nanostructures. <i>Nano Research</i> , 2016 , 9, 139-148	10	59
218	Photothermal therapy by using titanium oxide nanoparticles. <i>Nano Research</i> , 2016 , 9, 1236-1243	10	70
217	Readout-segmented echo-planar imaging in the evaluation of sinonasal lesions: A comprehensive comparison of image quality in single-shot echo-planar imaging. <i>Magnetic Resonance Imaging</i> , 2016 , 34, 166-72	3.3	38
216	Functionalized graphene oxide in microbial engineering: An effective stimulator for bacterial growth.. <i>Carbon</i> , 2016 , 103, 172-180	10.4	19
215	Polydopamine Coated Single-Walled Carbon Nanotubes as a Versatile Platform with Radionuclide Labeling for Multimodal Tumor Imaging and Therapy. <i>Theranostics</i> , 2016 , 6, 1833-43	12.1	87
214	Polydopamine Nanoparticles as a Versatile Molecular Loading Platform to Enable Imaging-guided Cancer Combination Therapy. <i>Theranostics</i> , 2016 , 6, 1031-42	12.1	196
213	Intelligent Albumin-MnO ₂ Nanoparticles as pH-/H ₂ O ₂ -Responsive Dissociable Nanocarriers to Modulate Tumor Hypoxia for Effective Combination Therapy. <i>Advanced Materials</i> , 2016 , 28, 7129-36	24	690
212	Catalase-Loaded TaOx Nanoshells as Bio-Nanoreactors Combining High-Z Element and Enzyme Delivery for Enhancing Radiotherapy. <i>Advanced Materials</i> , 2016 , 28, 7143-8	24	283
211	Light-Responsive, Singlet-Oxygen-Triggered On-Demand Drug Release from Photosensitizer-Doped Mesoporous Silica Nanorods for Cancer Combination Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 4722-4732	15.6	122
210	Albumin Carriers for Cancer Theranostics: A Conventional Platform with New Promise. <i>Advanced Materials</i> , 2016 , 28, 10557-10566	24	173
209	Hyaluronidase To Enhance Nanoparticle-Based Photodynamic Tumor Therapy. <i>Nano Letters</i> , 2016 , 16, 2512-21	11.5	216
208	Au@MnS@ZnS Core/Shell/Shell Nanoparticles for Magnetic Resonance Imaging and Enhanced Cancer Radiation Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9557-64	9.5	54
207	Stimuli responsive drug delivery systems based on nano-graphene for cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2016 , 105, 228-241	18.5	290

206	Human amniotic fluid stem cells labeled with up-conversion nanoparticles for imaging-monitored repairing of acute lung injury. <i>Biomaterials</i> , 2016 , 100, 91-100	15.6	26
205	Long circulating reduced graphene oxide-iron oxide nanoparticles for efficient tumor targeting and multimodality imaging. <i>Nanoscale</i> , 2016 , 8, 12683-92	7.7	50
204	Near-infrared-light responsive nanoscale drug delivery systems for cancer treatment. <i>Coordination Chemistry Reviews</i> , 2016 , 320-321, 100-117	23.2	123
203	Nanoscale metal-organic frameworks for combined photodynamic & radiation therapy in cancer treatment. <i>Biomaterials</i> , 2016 , 97, 1-9	15.6	300
202	Albumin-NIR dye self-assembled nanoparticles for photoacoustic pH imaging and pH-responsive photothermal therapy effective for large tumors. <i>Biomaterials</i> , 2016 , 98, 23-30	15.6	147
201	Facile Preparation of Multifunctional WS /WO Nanodots for Chelator-Free Zr-Labeling and In Vivo PET Imaging. <i>Small</i> , 2016 , 12, 5750-5758	11	27
200	All-in-One Theranostic Nanoplatform Based on Hollow TaOx for Chelator-Free Labeling Imaging, Drug Delivery, and Synergistically Enhanced Radiotherapy. <i>Advanced Functional Materials</i> , 2016 , 26, 8243-8254	15.6	72
199	Synthesis of a UCNP@SiO ₂ @gadofullerene nanocomposite and its application in UCL/MR bimodal imaging. <i>RSC Advances</i> , 2016 , 6, 98968-98974	3.7	11
198	CaCO nanoparticles as an ultra-sensitive tumor-pH-responsive nanoplatform enabling real-time drug release monitoring and cancer combination therapy. <i>Biomaterials</i> , 2016 , 110, 60-70	15.6	165
197	Cerenkov Radiation Induced Photodynamic Therapy Using Chlorin e6-Loaded Hollow Mesoporous Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26630-26637	9.5	102
196	Core-shell Au@MnO ₂ nanoparticles for enhanced radiotherapy via improving the tumor oxygenation. <i>Nano Research</i> , 2016 , 9, 3267-3278	10	124
195	Photosensitizer cross-linked nano-micelle platform for multimodal imaging guided synergistic photothermal/photodynamic therapy. <i>Nanoscale</i> , 2016 , 8, 15323-39	7.7	65
194	In vivo targeting of metastatic breast cancer via tumor vasculature-specific nano-graphene oxide. <i>Biomaterials</i> , 2016 , 104, 361-71	15.6	93
193	Two-dimensional TiS ₂ nanosheets for in vivo photoacoustic imaging and photothermal cancer therapy. <i>Nanoscale</i> , 2015 , 7, 6380-7	7.7	165
192	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> , 2015 , 25, 2386-2394	15.6	133
191	Up-Conversion Nanoparticles for Early Cancer Diagnosis. <i>Frontiers in Nanobiomedical Research</i> , 2015 , 1-19		
190	Magnetic nanomaterials with near-infrared pH-activatable fluorescence via iron-catalyzed AGET ATRP for tumor acidic microenvironment imaging. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2786-2800	7.3	29
189	Radionuclide (¹³¹ I) labeled reduced graphene oxide for nuclear imaging guided combined radio- and photothermal therapy of cancer. <i>Biomaterials</i> , 2015 , 66, 21-8	15.6	158

188	Poly-(allylamine hydrochloride)-coated but not poly(acrylic acid)-coated upconversion nanoparticles induce autophagy and apoptosis in human blood cancer cells. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 5769-5776	7.3	12
187	Nano-assemblies of J-aggregates based on a NIR dye as a multifunctional drug carrier for combination cancer therapy. <i>Biomaterials</i> , 2015 , 57, 84-92	15.6	78
186	Mn ²⁺ -doped prussian blue nanocubes for bimodal imaging and photothermal therapy with enhanced performance. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 11575-82	9.5	89
185	MoS ₂ -based nanoprobe for detection of silver ions in aqueous solutions and bacteria. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 7526-33	9.5	69
184	Drug-Induced Self-Assembly of Modified Albumins as Nano-theranostics for Tumor-Targeted Combination Therapy. <i>ACS Nano</i> , 2015 , 9, 5223-33	16.7	269
183	Simultaneous isolation and detection of circulating tumor cells with a microfluidic silicon-nanowire-array integrated with magnetic upconversion nanoprobe. <i>Biomaterials</i> , 2015 , 54, 55-62	15.6	89
182	Ultrathin MoS ₂ (1-x)Se _{2x} Alloy Nanoflakes For Electrocatalytic Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2015 , 5, 2213-2219	13.1	396
181	Stimulation of immune systems by conjugated polymers and their potential as an alternative vaccine adjuvant. <i>Nanoscale</i> , 2015 , 7, 19282-92	7.7	17
180	Bottom-Up Synthesis of Metal-Ion-Doped WS ₂ Nanoflakes for Cancer Theranostics. <i>ACS Nano</i> , 2015 , 9, 11090-101	16.7	226
179	Nanoscale theranostics for physical stimulus-responsive cancer therapies. <i>Biomaterials</i> , 2015 , 73, 214-30	15.6	154
178	Self-assembly of BODIPY based pH-sensitive near-infrared polymeric micelles for drug controlled delivery and fluorescence imaging applications. <i>Nanoscale</i> , 2015 , 7, 16399-416	7.7	46
177	Fluorescent N-Doped Carbon Dots as in Vitro and in Vivo Nanothermometer. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 27324-30	9.5	95
176	Facile preparation of uniform FeSe ₂ nanoparticles for PA/MR dual-modal imaging and photothermal cancer therapy. <i>Nanoscale</i> , 2015 , 7, 20757-68	7.7	39
175	The advancing uses of nano-graphene in drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2015 , 12, 601-128		94
174	Mesoporous Silica Coated Single-Walled Carbon Nanotubes as a Multifunctional Light-Responsive Platform for Cancer Combination Therapy. <i>Advanced Functional Materials</i> , 2015 , 25, 384-392	15.6	202
173	A versatile click chemistry route to size-restricted, robust, and functionalizable hydrophilic nanocrystals. <i>Small</i> , 2015 , 11, 1644-8	11	11
172	An imagable and photothermal "Abraxane-like" nanodrug for combination cancer therapy to treat subcutaneous and metastatic breast tumors. <i>Advanced Materials</i> , 2015 , 27, 903-10	24	340
171	Mesoporous silica nanorods intrinsically doped with photosensitizers as a multifunctional drug carrier for combination therapy of cancer. <i>Nano Research</i> , 2015 , 8, 751-764	10	98

170	Recent advances in the development of organic photothermal nano-agents. <i>Nano Research</i> , 2015 , 8, 340-354	15.6	334
169	FeS nanoplates as a multifunctional nano-theranostic for magnetic resonance imaging guided photothermal therapy. <i>Biomaterials</i> , 2015 , 38, 1-9	15.6	138
168	VEGFR targeting leads to significantly enhanced tumor uptake of nanographene oxide in vivo. <i>Biomaterials</i> , 2015 , 39, 39-46	15.6	61
167	Ferroferric oxide nanoparticles induce pro-survival autophagy in human blood cells by modulating the Beclin 1/Bcl-2/VPS34 complex. <i>International Journal of Nanomedicine</i> , 2015 , 10, 207-16	7.3	33
166	Near-infrared dye bound human serum albumin with separated imaging and therapy wavelength channels for imaging-guided photothermal therapy preventing tumor metastasis. <i>Journal of Controlled Release</i> , 2015 , 213, e89	11.7	5
165	cRGD-Functionalized AuNR-cored PEG-PCL nanoparticles for efficacious glioma chemotherapy. <i>Journal of Controlled Release</i> , 2015 , 213, e135	11.7	4
164	A Self-Assembled Albumin-Based Nanoprobe for In Vivo Ratiometric Photoacoustic pH Imaging. <i>Advanced Materials</i> , 2015 , 27, 6820-7	24	198
163	Core-Shell MnSe@Bi ₂ Se ₃ Fabricated via a Cation Exchange Method as Novel Nanotheranostics for Multimodal Imaging and Synergistic Thermoradiotherapy. <i>Advanced Materials</i> , 2015 , 27, 6110-7	24	289
162	Photosensitizer-Conjugated Albumin-Polypyrrole Nanoparticles for Imaging-Guided In Vivo Photodynamic/Photothermal Therapy. <i>Small</i> , 2015 , 11, 3932-41	11	209
161	Magnetic Field-Enhanced Photothermal Ablation of Tumor Sentinel Lymph Nodes to Inhibit Cancer Metastasis. <i>Small</i> , 2015 , 11, 4856-63	11	29
160	Imaging-Guided Combined Photothermal and Radiotherapy to Treat Subcutaneous and Metastatic Tumors Using Iodine-131-Doped Copper Sulfide Nanoparticles. <i>Advanced Functional Materials</i> , 2015 , 25, 4689-4699	15.6	184
159	Polydopamine as a Biocompatible Multifunctional Nanocarrier for Combined Radioisotope Therapy and Chemotherapy of Cancer. <i>Advanced Functional Materials</i> , 2015 , 25, 7327-7336	15.6	175
158	Graphene Oxide Selectively Enhances Thermostability of Trypsin. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12270-7	9.5	30
157	Antigen-Loaded Upconversion Nanoparticles for Dendritic Cell Stimulation, Tracking, and Vaccination in Dendritic Cell-Based Immunotherapy. <i>ACS Nano</i> , 2015 , 9, 6401-11	16.7	160
156	Two-dimensional magnetic WS ₂ @Fe ₃ O ₄ nanocomposite with mesoporous silica coating for drug delivery and imaging-guided therapy of cancer. <i>Biomaterials</i> , 2015 , 60, 62-71	15.6	226
155	Iron oxide decorated MoS ₂ nanosheets with double PEGylation for chelator-free radiolabeling and multimodal imaging guided photothermal therapy. <i>ACS Nano</i> , 2015 , 9, 950-60	16.7	406
154	Two Dimensional Transitional Metal Dichalcogenides for Biomedical Applications. <i>Acta Chimica Sinica</i> , 2015 , 73, 902	3.3	8
153	Drug delivery with PEGylated MoS ₂ nano-sheets for combined photothermal and chemotherapy of cancer. <i>Advanced Materials</i> , 2014 , 26, 3433-40	24	919

152	PEGylated WS(2) nanosheets as a multifunctional theranostic agent for in vivo dual-modal CT/photoacoustic imaging guided photothermal therapy. <i>Advanced Materials</i> , 2014 , 26, 1886-93	24	899
151	Sub-100 nm hollow Au-Ag alloy urchin-shaped nanostructure with ultrahigh density of nanotips for photothermal cancer therapy. <i>Biomaterials</i> , 2014 , 35, 4099-107	15.6	74
150	Ultra-Small Iron Oxide Doped Polypyrrole Nanoparticles for In Vivo Multimodal Imaging Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2014 , 24, 1194-1201	15.6	226
149	Multifunctional theranostic red blood cells for magnetic-field-enhanced in vivo combination therapy of cancer. <i>Advanced Materials</i> , 2014 , 26, 4794-802	24	183
148	Ultrathin WS2 nanoflakes as a high-performance electrocatalyst for the hydrogen evolution reaction. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7860-3	16.4	561
147	Synthesis of Au-Fe ₃ O ₄ heterostructured nanoparticles for in vivo computed tomography and magnetic resonance dual model imaging. <i>Nanoscale</i> , 2014 , 6, 199-202	7.7	115
146	Conjugated polymers for photothermal therapy of cancer. <i>Polymer Chemistry</i> , 2014 , 5, 1573-1580	4.9	191
145	A versatile Fe ₃ O ₄ based platform via iron-catalyzed AGET ATRP: towards various multifunctional nanomaterials. <i>Polymer Chemistry</i> , 2014 , 5, 638-645	4.9	25
144	Magnetic Targeting Enhanced Theranostic Strategy Based on Multimodal Imaging for Selective Ablation of Cancer. <i>Advanced Functional Materials</i> , 2014 , 24, 2312-2321	15.6	89
143	Imaging: PEGylated WS2 Nanosheets as a Multifunctional Theranostic Agent for in vivo Dual-Modal CT/Photoacoustic Imaging Guided Photothermal Therapy (Adv. Mater. 12/2014). <i>Advanced Materials</i> , 2014 , 26, 1794-1794	24	15
142	Aptamer-conjugated upconversion nanoprobe assisted by magnetic separation for effective isolation and sensitive detection of circulating tumor cells. <i>Nano Research</i> , 2014 , 7, 1327-1336	10	59
141	Photoacoustic Imaging Guided Near-Infrared Photothermal Therapy Using Highly Water-Dispersible Single-Walled Carbon Nanohorns as Theranostic Agents. <i>Advanced Functional Materials</i> , 2014 , 24, 6621-6628	15.6	111
140	Near-infrared light triggered photodynamic therapy in combination with gene therapy using upconversion nanoparticles for effective cancer cell killing. <i>Nanoscale</i> , 2014 , 6, 9198-205	7.7	122
139	In vitro and in vivo photothermally enhanced chemotherapy by single-walled carbon nanohorns as a drug delivery system. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 4726-4732	7.3	35
138	PEGylated Prussian blue nanocubes as a theranostic agent for simultaneous cancer imaging and photothermal therapy. <i>Biomaterials</i> , 2014 , 35, 9844-9852	15.6	176
137	Amphiphilic copolymer coated upconversion nanoparticles for near-infrared light-triggered dual anticancer treatment. <i>Nanoscale</i> , 2014 , 6, 14903-10	7.7	45
136	Supramolecular self-assembly enhanced europium(III) luminescence under visible light. <i>Soft Matter</i> , 2014 , 10, 4686-93	3.6	26
135	Graphene-based nanocomposite as an effective, multifunctional, and recyclable antibacterial agent. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 8542-8	9.5	153

134	Amplifying the red-emission of upconverting nanoparticles for biocompatible clinically used prodrug-induced photodynamic therapy. <i>ACS Nano</i> , 2014 , 8, 10621-30	16.7	230
133	Specific detection and simultaneously localized photothermal treatment of cancer cells using layer-by-layer assembled multifunctional nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 6443-52	9.5	27
132	Near-infrared dye bound albumin with separated imaging and therapy wavelength channels for imaging-guided photothermal therapy. <i>Biomaterials</i> , 2014 , 35, 8206-14	15.6	176
131	Smart pH-responsive nanocarriers based on nano-graphene oxide for combined chemo- and photothermal therapy overcoming drug resistance. <i>Advanced Healthcare Materials</i> , 2014 , 3, 1261-71	10.1	132
130	Engineering of Multifunctional Nano-Micelles for Combined Photothermal and Photodynamic Therapy Under the Guidance of Multimodal Imaging. <i>Advanced Functional Materials</i> , 2014 , 24, 6492-6502	15.6	216
129	Functional nanomaterials for phototherapies of cancer. <i>Chemical Reviews</i> , 2014 , 114, 10869-939	68.1	1771
128	Combined photothermal and photodynamic therapy delivered by PEGylated MoS ₂ nanosheets. <i>Nanoscale</i> , 2014 , 6, 11219-25	7.7	277
127	Efficient planar heterojunction perovskite solar cells employing graphene oxide as hole conductor. <i>Nanoscale</i> , 2014 , 6, 10505-10	7.7	315
126	Protein modified upconversion nanoparticles for imaging-guided combined photothermal and photodynamic therapy. <i>Biomaterials</i> , 2014 , 35, 2915-23	15.6	265
125	Patterned substrates of nano-graphene oxide mediating highly localized and efficient gene delivery. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 5900-7	9.5	31
124	An albumin-based theranostic nano-agent for dual-modal imaging guided photothermal therapy to inhibit lymphatic metastasis of cancer post surgery. <i>Biomaterials</i> , 2014 , 35, 9355-62	15.6	168
123	cRGD-directed, NIR-responsive and robust AuNR/PEG-PCL hybrid nanoparticles for targeted chemotherapy of glioblastoma in vivo. <i>Journal of Controlled Release</i> , 2014 , 195, 63-71	11.7	67
122	Bifunctional nanoparticles with magnetism and NIR fluorescence: controlled synthesis from combination of AGET ATRP and Click Reaction. <i>Nanotechnology</i> , 2014 , 25, 045602	3.4	20
121	Tumor metastasis inhibition by imaging-guided photothermal therapy with single-walled carbon nanotubes. <i>Advanced Materials</i> , 2014 , 26, 5646-52	24	383
120	J-aggregates of organic dye molecules complexed with iron oxide nanoparticles for imaging-guided photothermal therapy under 915-nm light. <i>Small</i> , 2014 , 10, 4362-70	11	74
119	Immunological responses triggered by photothermal therapy with carbon nanotubes in combination with anti-CTLA-4 therapy to inhibit cancer metastasis. <i>Advanced Materials</i> , 2014 , 26, 8154-62	24	413
118	Visualization of protease activity in vivo using an activatable photo-acoustic imaging probe based on CuS nanoparticles. <i>Theranostics</i> , 2014 , 4, 134-41	12.1	117
117	Photosensitizer loaded nano-graphene for multimodality imaging guided tumor photodynamic therapy. <i>Theranostics</i> , 2014 , 4, 229-39	12.1	183

116	Surface coating-dependent cytotoxicity and degradation of graphene derivatives: towards the design of non-toxic, degradable nano-graphene. <i>Small</i> , 2014 , 10, 1544-54	11	174
115	Carrier-free, functionalized pure drug nanorods as a novel cancer-targeted drug delivery platform. <i>Nanotechnology</i> , 2013 , 24, 015103	3.4	14
114	Iron oxide @ polypyrrole nanoparticles as a multifunctional drug carrier for remotely controlled cancer therapy with synergistic antitumor effect. <i>ACS Nano</i> , 2013 , 7, 6782-95	16.7	404
113	Upconversion nanoparticles for photodynamic therapy and other cancer therapeutics. <i>Theranostics</i> , 2013 , 3, 317-30	12.1	307
112	Near-Infrared Absorbing Polymeric Nanoparticles as a Versatile Drug Carrier for Cancer Combination Therapy. <i>Advanced Functional Materials</i> , 2013 , 23, 6059-6067	15.6	135
111	PEG-functionalized iron oxide nanoclusters loaded with chlorin e6 for targeted, NIR light induced, photodynamic therapy. <i>Biomaterials</i> , 2013 , 34, 9160-70	15.6	163
110	Stem Cell Labeling and Tracking with Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 1006-1017	3.1	26
109	Magnetic PEGylated Pt3Co nanoparticles as a novel MR contrast agent: in vivo MR imaging and long-term toxicity study. <i>Nanoscale</i> , 2013 , 5, 12464-73	7.7	18
108	Carbon nanotubes for biomedical imaging: the recent advances. <i>Advanced Drug Delivery Reviews</i> , 2013 , 65, 1951-63	18.5	253
107	Multilayer dual-polymer-coated upconversion nanoparticles for multimodal imaging and serum-enhanced gene delivery. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 10381-8	9.5	64
106	Facile fabrication of biocompatible and tunable multifunctional nanomaterials via iron-mediated atom transfer radical polymerization with activators generated by electron transfer. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 9663-9	9.5	22
105	The advantage of reversible coordination polymers in producing visible light sensitized Eu(III) emissions over EDTA via excluding water from the coordination sphere. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 16641-7	3.6	20
104	Non-blinking, highly luminescent, pH- and heavy-metal-ion-stable organic nanodots for bio-imaging. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 3144-3151	7.3	24
103	Preparation and functionalization of graphene nanocomposites for biomedical applications. <i>Nature Protocols</i> , 2013 , 8, 2392-403	18.8	242
102	Carrier-free functionalized multidrug nanorods for synergistic cancer therapy. <i>Biomaterials</i> , 2013 , 34, 8960-7	15.6	88
101	Nano-graphene in biomedicine: theranostic applications. <i>Chemical Society Reviews</i> , 2013 , 42, 530-47	58.5	1297
100	Upconversion nanoparticles and their composite nanostructures for biomedical imaging and cancer therapy. <i>Nanoscale</i> , 2013 , 5, 23-37	7.7	303
99	Imaging-Guided pH-Sensitive Photodynamic Therapy Using Charge Reversible Upconversion Nanoparticles under Near-Infrared Light. <i>Advanced Functional Materials</i> , 2013 , 23, 3077-3086	15.6	294

98	Tumor vasculature targeting and imaging in living mice with reduced graphene oxide. <i>Biomaterials</i> , 2013 , 34, 3002-9	15.6	131
97	Graphene-based magnetic plasmonic nanocomposite for dual bioimaging and photothermal therapy. <i>Biomaterials</i> , 2013 , 34, 4786-93	15.6	282
96	High-resolution, serial intravital microscopic imaging of nanoparticle delivery and targeting in a small animal tumor model. <i>Nano Today</i> , 2013 , 8, 126-126	17.9	46
95	PEGylated Micelle Nanoparticles Encapsulating a Non-Fluorescent Near-Infrared Organic Dye as a Safe and Highly-Effective Photothermal Agent for In Vivo Cancer Therapy. <i>Advanced Functional Materials</i> , 2013 , 23, 5893-5902	15.6	212
94	Biodistribution, pharmacokinetics and toxicology of Ag2S near-infrared quantum dots in mice. <i>Biomaterials</i> , 2013 , 34, 3639-46	15.6	205
93	Polyethylene glycol and polyethylenimine dual-functionalized nano-graphene oxide for photothermally enhanced gene delivery. <i>Small</i> , 2013 , 9, 1989-97	11	336
92	In vivo biodistribution and toxicology of functionalized nano-graphene oxide in mice after oral and intraperitoneal administration. <i>Biomaterials</i> , 2013 , 34, 2787-95	15.6	317
91	Gold nanorod-cored biodegradable micelles as a robust and remotely controllable doxorubicin release system for potent inhibition of drug-sensitive and -resistant cancer cells. <i>Biomacromolecules</i> , 2013 , 14, 2411-9	6.9	106
90	PEGylated FePt@Fe2O3 core-shell magnetic nanoparticles: potential theranostic applications and in vivo toxicity studies. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013 , 9, 1077-88	6	62
89	Graphene oxide-silver nanocomposite as a highly effective antibacterial agent with species-specific mechanisms. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 3867-74	9.5	348
88	Functionalization of graphene oxide generates a unique interface for selective serum protein interactions. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 1370-7	9.5	80
87	Hydrophilic hybrid materials with magnetism & NIR fluorescence via surface-initiated RAFT polymerization. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 3257-3266	7.3	2
86	Behavior and toxicity of graphene and its functionalized derivatives in biological systems. <i>Small</i> , 2013 , 9, 1492-503	11	353
85	Multifunctional Upconversion Nanoparticles for Dual-Modal Imaging-Guided Stem Cell Therapy under Remote Magnetic Control. <i>Advanced Functional Materials</i> , 2013 , 23, 272-280	15.6	125
84	Dual-Polymer-Functionalized Nanoscale Graphene Oxide as a Highly Effective Gene Transfection Agent for Insect Cells with Cell-Type-Dependent Cellular Uptake Mechanisms. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 794-803	3.1	31
83	Biomedical Applications: Imaging-Guided pH-Sensitive Photodynamic Therapy Using Charge Reversible Upconversion Nanoparticles under Near-Infrared Light (Adv. Funct. Mater. 24/2013). <i>Advanced Functional Materials</i> , 2013 , 23, 3018-3018	15.6	2
82	The influence of surface chemistry and size of nanoscale graphene oxide on photothermal therapy of cancer using ultra-low laser power. <i>Biomaterials</i> , 2012 , 33, 2206-14	15.6	625
81	Multifunctional nanoparticles for upconversion luminescence/MR multimodal imaging and magnetically targeted photothermal therapy. <i>Biomaterials</i> , 2012 , 33, 2215-22	15.6	323

80	Towards whole-body imaging at the single cell level using ultra-sensitive stem cell labeling with oligo-arginine modified upconversion nanoparticles. <i>Biomaterials</i> , 2012 , 33, 4872-81	15.6	121
79	Multimodal imaging guided photothermal therapy using functionalized graphene nanosheets anchored with magnetic nanoparticles. <i>Advanced Materials</i> , 2012 , 24, 1868-72	24	785
78	Temperature sensing and in vivo imaging by molybdenum sensitized visible upconversion luminescence of rare-earth oxides. <i>Advanced Materials</i> , 2012 , 24, 1987-93	24	626
77	Carbon nanotubes in biology and medicine: An overview. <i>Science Bulletin</i> , 2012 , 57, 167-180		22
76	Upconversion nanophosphors for small-animal imaging. <i>Chemical Society Reviews</i> , 2012 , 41, 1323-49	58.5	1352
75	In vivo targeting and imaging of tumor vasculature with radiolabeled, antibody-conjugated nanographene. <i>ACS Nano</i> , 2012 , 6, 2361-70	16.7	279
74	In vitro and in vivo near-infrared photothermal therapy of cancer using polypyrrole organic nanoparticles. <i>Advanced Materials</i> , 2012 , 24, 5586-92	24	607
73	Carrier-free, water dispersible and highly luminescent dye nanoparticles for targeted cell imaging. <i>Nanoscale</i> , 2012 , 4, 5373-7	7.7	30
72	Nano-carbons as theranostics. <i>Theranostics</i> , 2012 , 2, 235-7	12.1	104
71	Ultrabright and ultrastable near-infrared dye nanoparticles for in vitro and in vivo bioimaging. <i>Biomaterials</i> , 2012 , 33, 7803-9	15.6	69
70	In vivo NIR fluorescence imaging, biodistribution, and toxicology of photoluminescent carbon dots produced from carbon nanotubes and graphite. <i>Small</i> , 2012 , 8, 281-90	11	507
69	Noble metal coated single-walled carbon nanotubes for applications in surface enhanced Raman scattering imaging and photothermal therapy. <i>Journal of the American Chemical Society</i> , 2012 , 134, 7414-22	16.4	391
68	Carrier-free, functionalized drug nanoparticles for targeted drug delivery. <i>Chemical Communications</i> , 2012 , 48, 8120-2	5.8	54
67	Family of enhanced photoacoustic imaging agents for high-sensitivity and multiplexing studies in living mice. <i>ACS Nano</i> , 2012 , 6, 4694-701	16.7	207
66	Shape matters: intravital microscopy reveals surprising geometrical dependence for nanoparticles in tumor models of extravasation. <i>Nano Letters</i> , 2012 , 12, 3369-77	11.5	172
65	Protamine Functionalized Single-Walled Carbon Nanotubes for Stem Cell Labeling and In Vivo Raman/Magnetic Resonance/Photoacoustic Triple-Modal Imaging. <i>Advanced Functional Materials</i> , 2012 , 22, 2363-2375	15.6	106
64	In Vitro and In Vivo Uncaging and Bioluminescence Imaging by Using Photocaged Upconversion Nanoparticles. <i>Angewandte Chemie</i> , 2012 , 124, 3179-3183	3.6	70
63	In vitro and in vivo uncaging and bioluminescence imaging by using photocaged upconversion nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3125-9	16.4	398

62	Functionalized graphene oxide in enzyme engineering: a selective modulator for enzyme activity and thermostability. <i>ACS Nano</i> , 2012 , 6, 4864-75	16.7	173
61	Organic stealth nanoparticles for highly effective in vivo near-infrared photothermal therapy of cancer. <i>ACS Nano</i> , 2012 , 6, 5605-13	16.7	371
60	A functionalized graphene oxide-iron oxide nanocomposite for magnetically targeted drug delivery, photothermal therapy, and magnetic resonance imaging. <i>Nano Research</i> , 2012 , 5, 199-212	10	494
59	Size-controllable self-assembly of metal nanoparticles on carbon nanostructures in room-temperature ionic liquids by simple sputtering deposition. <i>Carbon</i> , 2012 , 50, 3008-3014	10.4	41
58	In vivo biodistribution, pharmacokinetics, and toxicology of carbon nanotubes. <i>Current Drug Metabolism</i> , 2012 , 13, 1057-67	3.5	22
57	Folate-conjugated crosslinked biodegradable micelles for receptor-mediated delivery of paclitaxel. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5786		77
56	Multicolor In Vivo Imaging of Upconversion Nanoparticles with Emissions Tuned by Luminescence Resonance Energy Transfer. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 2686-2692	3.8	161
55	Upconversion nanoparticles for potential cancer theranostics. <i>Therapeutic Delivery</i> , 2011 , 2, 1235-9	3.8	13
54	In vivo pharmacokinetics, long-term biodistribution and toxicology study of functionalized upconversion nanoparticles in mice. <i>Nanomedicine</i> , 2011 , 6, 1327-40	5.6	170
53	In vivo pharmacokinetics, long-term biodistribution, and toxicology of PEGylated graphene in mice. <i>ACS Nano</i> , 2011 , 5, 516-22	16.7	693
52	Polymer encapsulated upconversion nanoparticle/iron oxide nanocomposites for multimodal imaging and magnetic targeted drug delivery. <i>Biomaterials</i> , 2011 , 32, 9364-73	15.6	251
51	Photothermally enhanced photodynamic therapy delivered by nano-graphene oxide. <i>ACS Nano</i> , 2011 , 5, 7000-9	16.7	874
50	Graphene based gene transfection. <i>Nanoscale</i> , 2011 , 3, 1252-7	7.7	479
49	Graphene in biomedicine: opportunities and challenges. <i>Nanomedicine</i> , 2011 , 6, 317-24	5.6	572
48	Single-walled carbon nanotubes in biomedical imaging. <i>Journal of Materials Chemistry</i> , 2011 , 21, 586-598		128
47	Optimization of surface chemistry on single-walled carbon nanotubes for in vivo photothermal ablation of tumors. <i>Biomaterials</i> , 2011 , 32, 144-51	15.6	357
46	Drug delivery with upconversion nanoparticles for multi-functional targeted cancer cell imaging and therapy. <i>Biomaterials</i> , 2011 , 32, 1110-20	15.6	548
45	Carbon materials for drug delivery & cancer therapy. <i>Materials Today</i> , 2011 , 14, 316-323	21.8	466

44	Nanoplatfoms for Raman Molecular Imaging in Biological Systems 2011 , 197-216		2
43	Facile Preparation of Multifunctional Upconversion Nanoprobes for Multimodal Imaging and Dual-Targeted Photothermal Therapy. <i>Angewandte Chemie</i> , 2011 , 123, 7523-7528	3.6	172
42	Single-Band Upconversion Emission in Lanthanide-Doped KMnF ₃ Nanocrystals. <i>Angewandte Chemie</i> , 2011 , 123, 10553-10556	3.6	44
41	Facile preparation of multifunctional upconversion nanoprobes for multimodal imaging and dual-targeted photothermal therapy. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7385-90	16.4	526
40	Single-band upconversion emission in lanthanide-doped KMnF ₃ nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10369-72	16.4	389
39	Endosomal pH-activatable poly(ethylene oxide)-graft-doxorubicin prodrugs: synthesis, drug release, and biodistribution in tumor-bearing mice. <i>Biomacromolecules</i> , 2011 , 12, 1460-7	6.9	138
38	In vitro and in vivo behaviors of dextran functionalized graphene. <i>Carbon</i> , 2011 , 49, 4040-4049	10.4	273
37	Near-infrared light induced in vivo photodynamic therapy of cancer based on upconversion nanoparticles. <i>Biomaterials</i> , 2011 , 32, 6145-54	15.6	675
36	Graphene in mice: ultrahigh in vivo tumor uptake and efficient photothermal therapy. <i>Nano Letters</i> , 2010 , 10, 3318-23	11.5	1977
35	Ultrahigh sensitivity carbon nanotube agents for photoacoustic molecular imaging in living mice. <i>Nano Letters</i> , 2010 , 10, 2168-72	11.5	331
34	Inorganic nanomaterials for tumor angiogenesis imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010 , 37 Suppl 1, S147-63	8.8	38
33	Highly-sensitive multiplexed in vivo imaging using pegylated upconversion nanoparticles. <i>Nano Research</i> , 2010 , 3, 722-732	10	261
32	Multiplexed Five-Color Molecular Imaging of Cancer Cells and Tumor Tissues with Carbon Nanotube Raman Tags in the Near-Infrared. <i>Nano Research</i> , 2010 , 3, 222-233	10	118
31	Carbon nanotubes for in vivo cancer nanotechnology. <i>Science China Chemistry</i> , 2010 , 53, 2217-2225	7.9	18
30	Photoacoustic molecular imaging using single walled carbon nanotubes in living mice 2009 ,		3
29	High-contrast in vivo visualization of microvessels using novel FeCo/GC magnetic nanocrystals. <i>Magnetic Resonance in Medicine</i> , 2009 , 62, 1497-509	4.4	35
28	Supramolecular Stacking of Doxorubicin on Carbon Nanotubes for In Vivo Cancer Therapy. <i>Angewandte Chemie</i> , 2009 , 121, 7804-7808	3.6	31
27	Supramolecular stacking of doxorubicin on carbon nanotubes for in vivo cancer therapy. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7668-72	16.4	424

26	Carbon Nanotubes in Biology and Medicine: In vitro and in vivo Detection, Imaging and Drug Delivery. <i>Nano Research</i> , 2009 , 2, 85-120	10	1329
25	A route to brightly fluorescent carbon nanotubes for near-infrared imaging in mice. <i>Nature Nanotechnology</i> , 2009 , 4, 773-80	28.7	886
24	Preparation of carbon nanotube bioconjugates for biomedical applications. <i>Nature Protocols</i> , 2009 , 4, 1372-82	18.8	356
23	PEG branched polymer for functionalization of nanomaterials with ultralong blood circulation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4783-7	16.4	488
22	Protein microarrays with carbon nanotubes as multicolor Raman labels. <i>Nature Biotechnology</i> , 2008 , 26, 1285-92	44.5	297
21	Carbon nanotubes as photoacoustic molecular imaging agents in living mice. <i>Nature Nanotechnology</i> , 2008 , 3, 557-62	28.7	1065
20	A pilot toxicology study of single-walled carbon nanotubes in a small sample of mice. <i>Nature Nanotechnology</i> , 2008 , 3, 216-21	28.7	646
19	PEGylated nanographene oxide for delivery of water-insoluble cancer drugs. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10876-7	16.4	3039
18	Targeted single-wall carbon nanotube-mediated Pt(IV) prodrug delivery using folate as a homing device. <i>Journal of the American Chemical Society</i> , 2008 , 130, 11467-76	16.4	579
17	Selective probing and imaging of cells with single walled carbon nanotubes as near-infrared fluorescent molecules. <i>Nano Letters</i> , 2008 , 8, 586-90	11.5	412
16	Complement activation by PEGylated single-walled carbon nanotubes is independent of C1q and alternative pathway turnover. <i>Molecular Immunology</i> , 2008 , 45, 3797-803	4.3	112
15	Circulation and long-term fate of functionalized, biocompatible single-walled carbon nanotubes in mice probed by Raman spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 1410-5	11.5	931
14	Multiplexed multicolor Raman imaging of live cells with isotopically modified single walled carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13540-1	16.4	233
13	Nano-Graphene Oxide for Cellular Imaging and Drug Delivery. <i>Nano Research</i> , 2008 , 1, 203-212	10	2765
12	Drug delivery with carbon nanotubes for in vivo cancer treatment. <i>Cancer Research</i> , 2008 , 68, 6652-60	10.1	1084
11	siRNA delivery into human T cells and primary cells with carbon-nanotube transporters. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2023-7	16.4	585
10	siRNA Delivery into Human T Cells and Primary Cells with Carbon-Nanotube Transporters. <i>Angewandte Chemie</i> , 2007 , 119, 2069-2073	3.6	40
9	In vivo biodistribution and highly efficient tumour targeting of carbon nanotubes in mice. <i>Nature Nanotechnology</i> , 2007 , 2, 47-52	28.7	1270

8	Supramolecular chemistry on water-soluble carbon nanotubes for drug loading and delivery. <i>ACS Nano</i> , 2007 , 1, 50-6	16.7	1174
7	Carbon nanotubes as intracellular transporters for proteins and DNA: an investigation of the uptake mechanism and pathway. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 577-81	16.4	738
6	Carbon Nanotubes as Intracellular Transporters for Proteins and DNA: An Investigation of the Uptake Mechanism and Pathway. <i>Angewandte Chemie</i> , 2006 , 118, 591-595	3.6	122
5	FeCo/graphitic-shell nanocrystals as advanced magnetic-resonance-imaging and near-infrared agents. <i>Nature Materials</i> , 2006 , 5, 971-6	27	753
4	Functionalization of carbon nanotubes via cleavable disulfide bonds for efficient intracellular delivery of siRNA and potent gene silencing. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12492-3	16.4	689
3	Coordination Polymers Integrating Metalloimmunology with Immune Modulation to Elicit Robust Cancer Chemoimmunotherapy. <i>CCS Chemistry</i> , 2629-2642	7.2	3
2	Magnetic-Optical Imaging for Monitoring Chemodynamic Therapy. <i>Chemical Research in Chinese Universities</i> , 1	2.2	
1	Dual-modality magnetic resonance/optical imaging-guided sonodynamic therapy of pancreatic cancer with metal-organic nanosonosensitizer. <i>Nano Research</i> , 1	10	0