

Mingwu Shen

List of PR Articles by Year in descending order

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217

PR articles

13,980

PR citations

6343

70

PR h-index

14077

115

g-index

223

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15654

doc citations

7912

72

h-index

14214

citing authors

#	ARTICLE	IF	PR CITATIONS
1	A polymer nanogel-based therapeutic nanovaccine for prophylaxis and direct treatment of tumors via a full-cycle immunomodulation. <i>Bioactive Materials</i> , 2025, 43, 129-144.	8.9	8
2	Dendrimer-Mediated Generation of a Metal-Phenolic Network for Antibody Delivery to Elicit Improved Tumor Chemo/Chemodynamic/Immune Therapy. <i>ACS Applied Materials & Interfaces</i> , 2025, 17, 4662-4674.	8.0	4
3	Bioactive Phosphorus Dendrimers as a Universal Protein Delivery System for Enhanced Anti-inflammation Therapy. <i>ACS Nano</i> , 2024, 18, 2195-2209.	15.3	31
4	Unsymmetrical Low-Generation Cationic Phosphorus Dendrimers as a Nonviral Vector to Deliver MicroRNA for Breast Cancer Therapy. <i>Biomacromolecules</i> , 2024, 25, 1171-1179.	5.3	12
5	Blood-brain barrier-crossing dendrimers for glioma theranostics. <i>Biomaterials Science</i> , 2024, 12, 1346-1356.	5.7	20
6	Brain Delivery of Biomimetic Phosphorus Dendrimer/Antibody Nanocomplexes for Enhanced Glioma Immunotherapy via Immune Modulation of T Cells and Natural Killer Cells. <i>ACS Nano</i> , 2024, 18, 10142-10155.	15.3	40
7	Nanoparticle-Mediated Multiple Modulation of Bone Microenvironment To Tackle Osteoarthritis. <i>ACS Nano</i> , 2024, 18, 10625-10641.	15.3	57
8	Macrophage membrane-camouflaged nanoclusters of ultrasmall iron oxide nanoparticles for precision glioma theranostics. <i>Biomaterials Science</i> , 2024, 12, 2705-2716.	5.7	12
9	Brain delivery of fibronectin through bioactive phosphorous dendrimers for Parkinson's disease treatment via cooperative modulation of microglia. <i>Bioactive Materials</i> , 2024, 38, 45-54.	8.9	11
10	Thiacalixarene Carboxylic Acid Derivatives as Inhibitors of Lysozyme Fibrillation. <i>International Journal of Molecular Sciences</i> , 2024, 25, 4721.	4.5	9
11	Biomimetic Dual-Target Theranostic Nanovaccine Enables Magnetic Resonance Imaging and Chemo/Chemodynamic/Immune Therapy of Glioma. <i>ACS Applied Materials & Interfaces</i> , 2024, 16, 27187-27201.	8.0	21
12	A functionalized cell membrane biomimetic nanoformulation based on layered double hydroxide for combined tumor chemotherapy and sonodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2024, 12, 7429-7439.	5.6	10
13	Synthesis and Characterization of Copper-Crosslinked Carbon Dot Nanoassemblies for Efficient Macrophage Manipulation. <i>Macromolecular Rapid Communications</i> , 2024, 45, .	4.1	7
14	Dendrimer nanoclusters loaded with gold nanoparticles for enhanced tumor CT imaging and chemotherapy via an amplified EPR effect. <i>Journal of Materials Chemistry B</i> , 2024, 12, 9524-9532.	5.6	12
15	Biomimetic copper-containing nanogels for imaging-guided tumor chemo-chemodynamic-immunotherapy. <i>Acta Biomaterialia</i> , 2024, 189, 491-504.	9.4	7
16	PAMAM-Calix-Dendrimers: Third Generation Synthesis and Impact of Generation and Macrocyclic Core Conformation on Hemotoxicity and Calf Thymus DNA Binding. <i>Pharmaceutics</i> , 2024, 16, 1379.	5.1	8
17	Dendrimer/Copper(II) Complex-Mediated siRNA Delivery Disrupts Lactate Metabolism to Reprogram the Local Immune Microenvironment against Tumor Growth and Metastasis. <i>Biomacromolecules</i> , 2024, 25, 7995-8005.	5.3	6
18	Non-Viral Systems Based on PAMAM-Calix-Dendrimers for Regulatory siRNA Delivery into Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2024, 25, 12614.	4.5	14

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19	Cationic phosphorus dendron nanomicelles deliver microRNA mimics and microRNA inhibitors for enhanced anti-inflammatory therapy of acute lung injury. <i>Biomaterials Science</i> , 2023, 11, 1530-1539.	5.7	11
20	Multifunctional Low-Generation Dendrimer Nanogels as an Emerging Probe for Tumor-Specific CT/MR Dual-Modal Imaging. <i>Biomacromolecules</i> , 2023, 24, 967-976.	5.3	30
21	Dendrimer-Mediated Intracellular Delivery of Fibronectin Guides Macrophage Polarization to Alleviate Acute Lung Injury. <i>Biomacromolecules</i> , 2023, 24, 886-895.	5.3	27
22	Ultrasound-enhanced theranostics of orthotopic breast cancer through a multifunctional core-shell tecto dendrimer-based nanomedicine platform. <i>Biomaterials Science</i> , 2023, 11, 4385-4396.	5.7	11
23	Diselenide-crosslinked nanogels laden with gold nanoparticles and methotrexate for immunomodulation-enhanced chemotherapy and computed tomography imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2023, 11, 4808-4818.	5.6	15
24	Redox-Responsive Dendrimer Nanogels Enable Ultrasound-Enhanced Chemoimmunotherapy of Pancreatic Cancer via Endoplasmic Reticulum Stress Amplification and Macrophage Polarization. <i>Advanced Science</i> , 2023, 10, .	12.7	39
25	Microfluidic synthesis of fibronectin-coated polydopamine nanocomplexes for self-supplementing tumor microenvironment regulation and MR imaging-guided chemo-chemodynamic-immune therapy. <i>Materials Today Bio</i> , 2023, 20, 100670.	7.2	11
26	Recent advances in PAMAM dendrimer-based CT contrast agents for molecular imaging and theranostics of cancer. <i>Sensors & Diagnostics</i> , 2023, 2, 1145-1157.	3.9	11
27	Phosphorus core-shell tecto dendrimers for enhanced tumor imaging: the rigidity of the backbone matters. <i>Biomaterials Science</i> , 2023, 11, 7387-7396.	5.7	5
28	Cancer nanomedicine based on polyethylenimine-mediated multifunctional nanosystems. <i>Progress in Materials Science</i> , 2022, 124, 100871.	35.9	46
29	Metal-Phenolic Network-Coated Dendrimer-Drug Conjugates for Tumor MR Imaging and Chemo/Chemodynamic Therapy via Amplification of Endoplasmic Reticulum Stress. <i>Advanced Materials</i> , 2022, 34, .	24.3	94
30	Fibronectin-Coated Metal-Phenolic Networks for Cooperative Tumor Chemo-/Chemodynamic/Immune Therapy via Enhanced Ferroptosis-Mediated Immunogenic Cell Death. <i>ACS Nano</i> , 2022, 16, 984-996.	15.3	181
31	Engineered cancer cell membranes: An emerging agent for efficient cancer theranostics. <i>Exploration</i> , 2022, 2, .	18.0	81
32	Tumor-Anchoring Drug-Loaded Fibrous Microspheres for MR Imaging-Guided Local Chemotherapy and Metastasis Inhibition. <i>Advanced Fiber Materials</i> , 2022, 4, 807-819.	19.1	52
33	Genetic Engineering of Dendritic Cells Using Partially Zwitterionic Dendrimer-Entrapped Gold Nanoparticles Boosts Efficient Tumor Immunotherapy. <i>Biomacromolecules</i> , 2022, 23, 1326-1336.	5.3	22
34	Dendrimer-Based Nanogels for Cancer Nanomedicine Applications. <i>Bioconjugate Chemistry</i> , 2022, 33, 87-96.	3.8	31
35	Intelligent design of polymer nanogels for full-process sensitized radiotherapy and dual-mode computed tomography/magnetic resonance imaging of tumors. <i>Theranostics</i> , 2022, 12, 3420-3437.	11.5	30
36	LAPONITE® nanodisk-based platforms for cancer diagnosis and therapy. <i>Materials Advances</i> , 2022, 3, 6742-6752.	4.7	2

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37	New insights into ruthenium(<i>scp>ii</scp></i>) metallodendrimers as anticancer drug nanocarriers: from synthesis to preclinic behaviour. <i>Journal of Materials Chemistry B</i> , 2022, 10, 8945-8959.	5.6	11
38	Efficient Capture and Separation of Cancer Cells Using Hyaluronic Acid-Modified Magnetic Beads in a Microfluidic Chip. <i>Langmuir</i> , 2022, 38, 11080-11086.	3.8	18
39	Modulation of Macrophages Using Nanoformulations with Curcumin to Treat Inflammatory Diseases: A Concise Review. <i>Pharmaceutics</i> , 2022, 14, 2239.	5.1	19
40	Nanomaterials-Boosted Tumor Immunotherapy Through Natural Killer Cells. <i>Advanced NanoBiomed Research</i> , 2022, 2, .	4.1	9
41	Ultrasound-enhanced fluorescence imaging and chemotherapy of multidrug-resistant tumors using multifunctional dendrimer/carbon dot nanohybrids. <i>Bioactive Materials</i> , 2021, 6, 729-739.	8.9	70
42	Ultrasound-enhanced precision tumor theranostics using cell membrane-coated and pH-responsive nanoclusters assembled from ultrasmall iron oxide nanoparticles. <i>Nano Today</i> , 2021, 36, 101022.	9.9	119
43	LDH-doped electrospun short fibers enable dual drug loading and multistage release for chemotherapy of drug-resistant cancer cells. <i>New Journal of Chemistry</i> , 2021, 45, 13421-13428.	2.5	19
44	Interaction of dendrimers with the immune system: An insight into cancer nanotheranostics. <i>View</i> , 2021, 2, .	9.7	33
45	Macrophage-mediated tumor homing of hyaluronic acid nanogels loaded with polypyrrole and anticancer drug for targeted combinational photothermo-chemotherapy. <i>Theranostics</i> , 2021, 11, 7057-7071.	11.5	45
46	Impact of molecular rigidity on the gene delivery efficiency of core-shell tecto dendrimers. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6149-6154.	5.6	12
47	Antifouling Dendrimer-Entrapped Copper Sulfide Nanoparticles Enable Photoacoustic Imaging-Guided Targeted Combination Therapy of Tumors and Tumor Metastasis. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6069-6080.	8.0	59
48	Construction of Poly(amidoamine) Dendrimer/Carbon Dot Nanohybrids for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2021, 21, .	4.0	23
49	Dendrimer-based nanohybrids in cancer photomedicine. <i>Materials Today Bio</i> , 2021, 10, 100111.	7.2	31
50	Gene silencing-mediated immune checkpoint blockade for tumor therapy boosted by dendrimer-entrapped gold nanoparticles. <i>Science China Materials</i> , 2021, 64, 2045-2055.	6.5	26
51	Two-dimensional LDH nanodisks modified with hyaluronidase enable enhanced tumor penetration and augmented chemotherapy. <i>Science China Chemistry</i> , 2021, 64, 817-826.	6.7	28
52	A Dual-Responsive Platform Based on Antifouling Dendrimer-CuS Nanohybrids for Enhanced Tumor Delivery and Combination Therapy. <i>Small Methods</i> , 2021, 5, .	9.0	32
53	Core-Shell Tecto Dendrimers Enable Enhanced Tumor MR Imaging through an Amplified EPR Effect. <i>Biomacromolecules</i> , 2021, 22, 2181-2188.	5.3	31
54	Physicochemical aspects of zwitterionic core-shell tecto dendrimers characterized by a thorough NMR investigation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 618, 126466.	5.2	6

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55	Intelligent Molybdenum Disulfide Complexes as a Platform for Cooperative Imaging-Guided Tri-Mode Chemo-Photothermo-Immunotherapy. <i>Advanced Science</i> , 2021, 8, .	12.7	71
56	Overcoming T Cell Exhaustion via Immune Checkpoint Modulation with a Dendrimer-Based Hybrid Nanocomplex. <i>Advanced Healthcare Materials</i> , 2021, 10, .	8.8	41
57	Facile Formation of PAMAM Dendrimer Nanoclusters for Enhanced Gene Delivery and Cancer Gene Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 7168-7175.	4.8	40
58	Intelligent Design of Ultrasmall Iron Oxide Nanoparticle-Based Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45119-45129.	8.0	20
59	Synthesis and Shaping of Core-Shell Tecto Dendrimers for Biomedical Applications. <i>Bioconjugate Chemistry</i> , 2021, 32, 225-233.	3.8	22
60	Modular design of multifunctional core-shell tecto dendrimers complexed with copper(II) for MR imaging-guided chemodynamic therapy of orthotopic glioma. <i>Nano Today</i> , 2021, 41, 101325.	9.9	36
61	Cluster Bomb-Based on Redox-Responsive Carbon Dot Nanoclusters Coated with Cell Membranes for Enhanced Tumor Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55815-55826.	8.0	44
62	Co-delivery of Dexamethasone and a MicroRNA-155 Inhibitor Using Dendrimer-Entrapped Gold Nanoparticles for Acute Lung Injury Therapy. <i>Biomacromolecules</i> , 2021, 22, 5108-5117.	5.3	29
63	Macrophage Membrane-Camouflaged Responsive Polymer Nanogels Enable Magnetic Resonance Imaging-Guided Chemotherapy/Chemodynamic Therapy of Orthotopic Glioma. <i>ACS Nano</i> , 2021, 15, 20377-20390.	15.3	199
64	Design of DNA Aptamer-Functionalized Magnetic Short Nanofibers for Efficient Capture and Release of Circulating Tumor Cells. <i>Bioconjugate Chemistry</i> , 2020, 31, 130-138.	3.8	44
65	PAMAM Dendrimer-Based Nanodevices for Nuclear Medicine Applications. <i>Macromolecular Bioscience</i> , 2020, 20, .	4.0	49
66	Functional LAPONITE Nanodisks Enable Targeted Anticancer Chemotherapy in Vivo. <i>Bioconjugate Chemistry</i> , 2020, 31, 2404-2412.	3.8	11
67	Targeted Combination of Antioxidative and Anti-Inflammatory Therapy of Rheumatoid Arthritis using Multifunctional Dendrimer-Entrapped Gold Nanoparticles as a Platform. <i>Small</i> , 2020, 16, .	11.5	107
68	Poly(amidoamine) Dendrimer-Gold Nanohybrids in Cancer Gene Therapy: A Concise Overview. <i>ACS Applied Bio Materials</i> , 2020, 3, 5590-5605.	4.8	35
69	Phosphorus dendrimer-based copper(II) complexes enable ultrasound-enhanced tumor theranostics. <i>Nano Today</i> , 2020, 33, 100899.	9.9	42
70	Colorimetric detection of Cr ³⁺ ions in aqueous solution using poly(^l -glutamic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	2.6	15
71	Polyethylenimine-Assisted Generation of Optical Nanoprobes for Biosensing Applications. <i>ACS Applied Bio Materials</i> , 2020, 3, 3935-3955.	4.8	26
72	Efficient co-delivery of microRNA 21 inhibitor and doxorubicin to cancer cells using core-shell tecto dendrimers formed via supramolecular host-guest assembly. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2768-2774.	5.6	65

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73	Multifunctional Dendrimer-Entrapped Gold Nanoparticles for Labeling and Tracking T Cells Via Dual-Modal Computed Tomography and Fluorescence Imaging. <i>Biomacromolecules</i> , 2020, 21, 1587-1595.	5.3	51
74	Superstructured poly(amidoamine) dendrimer-based nanoconstructs as platforms for cancer nanomedicine: A concise review. <i>Coordination Chemistry Reviews</i> , 2020, 421, 213463.	23.2	80
75	Characterization of zwitterion-modified poly(amidoamine) dendrimers in aqueous solution via a thorough NMR investigation. <i>European Physical Journal E</i> , 2020, 43, .	1.9	7
76	Polyethylenimine Nanogels Incorporated with Ultrasmall Iron Oxide Nanoparticles and Doxorubicin for MR Imaging-Guided Chemotherapy of Tumors. <i>Bioconjugate Chemistry</i> , 2020, 31, 907-915.	3.8	45
77	Targeted Tumor Hypoxia Dual-Mode CT/MR Imaging and Enhanced Radiation Therapy Using Dendrimer-Based Nanosensitizers. <i>Advanced Functional Materials</i> , 2020, 30, .	16.9	85
78	Gd-/CuS-Loaded Functional Nanogels for MR/PA Imaging-Guided Tumor-Targeted Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 9107-9117.	8.0	109
79	Light-Addressable Nanoclusters of Ultrasmall Iron Oxide Nanoparticles for Enhanced and Dynamic Magnetic Resonance Imaging of Arthritis. <i>Advanced Science</i> , 2019, 6, .	12.7	86
80	Design of dual drug-loaded dendrimer/carbon dot nano hybrids for fluorescence imaging and enhanced chemotherapy of cancer cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 277-285.	5.6	66
81	¹³¹ I-labeled Multifunctional Polyphosphazene Nanospheres for SPECT Imaging-Guided Radiotherapy of Tumors. <i>Advanced Healthcare Materials</i> , 2019, 8, .	8.8	20
82	Polyethylenimine-Based Nanogels for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2019, 19, .	4.0	65
83	Zwitterionic Modification of Nanomaterials for Improved Diagnosis of Cancer Cells. <i>Bioconjugate Chemistry</i> , 2019, 30, 2519-2527.	3.8	38
84	Zwitterion-functionalized dendrimer-entrapped gold nanoparticles for serum-enhanced gene delivery to inhibit cancer cell metastasis. <i>Acta Biomaterialia</i> , 2019, 99, 320-329.	9.4	84
85	Polydopamine-coated magnetic mesoporous silica nanoparticles for multimodal cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2019, 7, 368-372.	5.6	44
86	Comparative study of resazurin reduction and MTT assays for cytocompatibility evaluation of nanofibrous materials. <i>Analytical Methods</i> , 2019, 11, 483-489.	2.6	25
87	A multifunctional low-generation dendrimer-based nanoprobe for the targeted dual mode MR/CT imaging of orthotopic brain gliomas. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3639-3643.	5.6	38
88	Zwitterionic Polydopamine-Coated Manganese Oxide Nanoparticles with Ultrahigh Longitudinal Relaxivity for Tumor-Targeted MR Imaging. <i>Langmuir</i> , 2019, 35, 4336-4341.	3.8	24
89	Zwitterionic Gadolinium(III)-Complexed Dendrimer-Entrapped Gold Nanoparticles for Enhanced Computed Tomography/Magnetic Resonance Imaging of Lung Cancer Metastasis. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15212-15221.	8.0	123
90	Core-shell tecto dendrimers formed via host-guest supramolecular assembly as pH-responsive intelligent carriers for enhanced anticancer drug delivery. <i>Nanoscale</i> , 2019, 11, 22343-22350.	5.0	66

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91	Specific Capture and Release of Circulating Tumor Cells Using a Multifunctional nanofiber-integrated Microfluidic Chip. <i>Nanomedicine</i> , 2019, 14, 183-199.	3.1	24
92	Polydopamine-coated gold core/hollow mesoporous silica shell particles as a nanoplatform for multimode imaging and photothermal therapy of tumors. <i>Chemical Engineering Journal</i> , 2019, 362, 842-850.	12.0	80
93	Performing a catalysis reaction on filter paper: development of a metal palladium nanoparticle-based catalyst. <i>Nanoscale Advances</i> , 2019, 1, 342-346.	4.5	15
94	Integration of aligned polymer nanofibers within a microfluidic chip for efficient capture and rapid release of circulating tumor cells. <i>Materials Chemistry Frontiers</i> , 2018, 2, 891-900.	6.1	29
95	Design of functional electrospun nanofibers for cancer cell capture applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1420-1432.	5.6	43
96	Construction of iron oxide nanoparticle-based hybrid platforms for tumor imaging and therapy. <i>Chemical Society Reviews</i> , 2018, 47, 1874-1900.	37.7	359
97	^{99m} Tc-Labeled RGD-Polyethylenimine Conjugates with Entrapped Gold Nanoparticles in the Cavities for Dual-Mode SPECT/CT Imaging of Hepatic Carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6146-6154.	8.0	39
98	Targeted tumor dual mode CT/MR imaging using multifunctional polyethylenimine-entrapped gold nanoparticles loaded with gadolinium. <i>Drug Delivery</i> , 2018, 25, 178-186.	7.7	41
99	Radiotherapy-Sensitized Tumor Photothermal Ablation Using ¹³ Polyglutamic Acid Nanogels Loaded with Polypyrrole. <i>Biomacromolecules</i> , 2018, 19, 2034-2042.	5.3	54
100	Design of electrospun nanofibrous mats for osteogenic differentiation of mesenchymal stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2505-2520.	3.7	68
101	Dendrimer-Stabilized Gold Nanoflowers Embedded with Ultrasmall Iron Oxide Nanoparticles for Multimode Imaging-Guided Combination Therapy of Tumors. <i>Advanced Science</i> , 2018, 5, .	12.7	129
102	Polyethyleneimine-Coated Manganese Oxide Nanoparticles for Targeted Tumor PET/MR Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34954-34964.	8.0	73
103	Multifunctional Dendrimer-Entrapped Gold Nanoparticles Conjugated with Doxorubicin for pH-Responsive Drug Delivery and Targeted Computed Tomography Imaging. <i>Langmuir</i> , 2018, 34, 12428-12435.	3.8	89
104	Loading of Au/Ag bimetallic nanoparticles within electrospun PVA/PEI nanofibers for catalytic applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 552, 9-15.	5.2	44
105	Acetylated Polyethylenimine-Entrapped Gold Nanoparticles Enable Negative Computed Tomography Imaging of Orthotopic Hepatic Carcinoma. <i>Langmuir</i> , 2018, 34, 8701-8707.	3.8	24
106	Targeted dual-mode imaging and phototherapy of tumors using ICG-loaded multifunctional MWCNTs as a versatile platform. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6122-6132.	5.6	30
107	Gadolinium-Loaded Poly(<i>N</i> -vinylcaprolactam) Nanogels: Synthesis, Characterization, and Application for Enhanced Tumor MR Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3411-3418.	8.0	64
108	Formation of Gold Nanostar-Coated Hollow Mesoporous Silica for Tumor Multimodality Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5817-5827.	8.0	202

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109	A multifunctional polyethylenimine-based nanoplatform for targeted anticancer drug delivery to tumors in vivo. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1542-1550.	5.6	50
110	Hyaluronic acid-functionalized electrospun PLGA nanofibers embedded in a microfluidic chip for cancer cell capture and culture. <i>Biomaterials Science</i> , 2017, 5, 752-761.	5.7	86
111	A promising dual mode SPECT/CT imaging platform based on ^{99m} Tc-labeled multifunctional dendrimer-entrapped gold nanoparticles. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3810-3815.	5.6	43
112	Targeted CT/MR dual mode imaging of human hepatocellular carcinoma using lactobionic acid-modified polyethyleneimine-entrapped gold nanoparticles. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2395-2401.	5.6	24
113	Aqueous-phase synthesis of iron oxide nanoparticles and composites for cancer diagnosis and therapy. <i>Advances in Colloid and Interface Science</i> , 2017, 249, 374-385.	17.7	37
114	Multifunctional PEI-entrapped gold nanoparticles enable efficient delivery of therapeutic siRNA into glioblastoma cells. <i>Biomaterials Science</i> , 2017, 5, 258-266.	5.7	86
115	Construction of core-shell tecto dendrimers based on supramolecular host-guest assembly for enhanced gene delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8459-8466.	5.6	46
116	Targeted tumor SPECT/CT dual mode imaging using multifunctional RGD-modified low generation dendrimer-entrapped gold nanoparticles. <i>Biomaterials Science</i> , 2017, 5, 2393-2397.	5.7	45
117	An RGD-modified hollow silica@Au core/shell nanoplatform for tumor combination therapy. <i>Acta Biomaterialia</i> , 2017, 62, 273-283.	9.4	100
118	Polyaniline-loaded ¹³ C-polyglutamic acid nanogels as a platform for photoacoustic imaging-guided tumor photothermal therapy. <i>Nanoscale</i> , 2017, 9, 12746-12754.	5.0	72
119	Dendrimers meet zwitterions: development of a unique antifouling nanoplatform for enhanced blood pool, lymph node and tumor CT imaging. <i>Nanoscale</i> , 2017, 9, 12295-12301.	5.0	58
120	Facile Formation of Gold-Nanoparticle-Loaded ¹³ C-Polyglutamic Acid Nanogels for Tumor Computed Tomography Imaging. <i>Bioconjugate Chemistry</i> , 2017, 28, 2692-2697.	3.8	38
121	Facile Synthesis of Lactobionic Acid-Targeted Iron Oxide Nanoparticles with Ultrahigh Relaxivity for Targeted MR Imaging of an Orthotopic Model of Human Hepatocellular Carcinoma. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1600113.	2.8	13
122	Dendrimer-based magnetic iron oxide nanoparticles: their synthesis and biomedical applications. <i>Drug Discovery Today</i> , 2016, 21, 1873-1885.	6.8	96
123	Dendrimer-stabilized Gold Nanostars as a Multifunctional Theranostic Nanoplatform for CT Imaging, Photothermal Therapy, and Gene Silencing of Tumors. <i>Advanced Healthcare Materials</i> , 2016, 5, 3203-3213.	8.8	92
124	Construction of polydopamine-coated gold nanostars for CT imaging and enhanced photothermal therapy of tumors: an innovative theranostic strategy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4216-4226.	5.6	88
125	Facile preparation of hyaluronic acid-modified Fe ₃ O ₄ @Mn ₃ O ₄ nanocomposites for targeted T ₁ /T ₂ dual-mode MR imaging of cancer cells. <i>RSC Advances</i> , 2016, 6, 35295-35304.	4.4	22
126	The design of a multifunctional dendrimer-based nanoplatform for targeted dual mode SPECT/MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7220-7225.	5.6	29

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127	Immobilization of iron oxide nanoparticles within alginate nanogels for enhanced MR imaging applications. <i>Biomaterials Science</i> , 2016, 4, 1422-1430.	5.7	47
128	^{99m} Tc-Labeled Multifunctional Low-Generation Dendrimer-Entrapped Gold Nanoparticles for Targeted SPECT/CT Dual-Mode Imaging of Tumors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19883-19891.	8.0	106
129	Multifunctional Fe ₃ O ₄ @Au core/shell nanostars: a unique platform for multimode imaging and photothermal therapy of tumors. <i>Scientific Reports</i> , 2016, 6, .	3.5	114
130	Structural characterization of PEGylated polyethylenimine-entrapped gold nanoparticles: an NMR study. <i>Analyst</i> , The, 2016, 141, 5390-5397.	3.1	21
131	PEGylated Polyethylenimine-Entrapped Gold Nanoparticles Loaded With Gadolinium For Dual-Mode Ct/Mr Imaging Applications. <i>Nanomedicine</i> , 2016, 11, 1639-1652.	3.1	46
132	PEGylated polyethylenimine-entrapped gold nanoparticles modified with folic acid for targeted tumor CT imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 489-496.	5.4	96
133	Branched polyethylenimine modified with hyaluronic acid via a PEG spacer for targeted anticancer drug delivery. <i>RSC Advances</i> , 2016, 6, 9232-9239.	4.4	15
134	Dendrimer-Assisted Formation of Fe ₃ O ₄ /Au Nanocomposite Particles for Targeted Dual Mode CT/MR Imaging of Tumors. <i>Small</i> , 2015, 11, 4584-4593.	11.5	121
135	Hyaluronic Acid-Functionalized Electrospun Polyvinyl Alcohol/Polyethyleneimine Nanofibers for Cancer Cell Capture Applications. <i>Advanced Materials Interfaces</i> , 2015, 2, .	4.1	57
136	Facile Synthesis of Gd(OH) ₃ -Doped Fe ₃ O ₄ Nanoparticles for Dual-Mode T ₁ - and T ₂ -Weighted Magnetic Resonance Imaging Applications. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 934-943.	2.8	18
137	Facile synthesis of folic acid-functionalized iron oxide nanoparticles with ultrahigh relaxivity for targeted tumor MR imaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5720-5730.	5.6	48
138	The assembly of polyethylenimine-entrapped gold nanoparticles onto filter paper for catalytic applications. <i>RSC Advances</i> , 2015, 5, 104239-104244.	4.4	16
139	Targeted CT imaging of human hepatocellular carcinoma using low-generation dendrimer-entrapped gold nanoparticles modified with lactobionic acid. <i>Journal of Materials Chemistry B</i> , 2015, 3, 286-295.	5.6	59
140	Dendrimer-entrapped gold nanoparticles modified with RGD peptide and alpha-tocopheryl succinate enable targeted theranostics of cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 133, 36-42.	5.4	74
141	Facile synthesis of RGD peptide-modified iron oxide nanoparticles with ultrahigh relaxivity for targeted MR imaging of tumors. <i>Biomaterials Science</i> , 2015, 3, 721-732.	5.7	66
142	Encapsulation of doxorubicin within multifunctional gadolinium-loaded dendrimer nanocomplexes for targeted theranostics of cancer cells. <i>RSC Advances</i> , 2015, 5, 30286-30296.	4.4	66
143	Multifunctional Dendrimer-Entrapped Gold Nanoparticles Modified with RGD Peptide for Targeted Computed Tomography/Magnetic Resonance Dual-Modal Imaging of Tumors. <i>Analytical Chemistry</i> , 2015, 87, 3949-3956.	6.6	129
144	Conjugation of Iron Oxide Nanoparticles with RGD-Modified Dendrimers for Targeted Tumor MR Imaging. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 5420-5428.	8.0	97

#	ARTICLE	IF	PR CITATIONS
145	Formation of iron oxide nanoparticle-loaded \hat{I}^3 -polyglutamic acid nanogels for MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8684-8693.	5.6	37
146	Facile synthesis and functionalization of manganese oxide nanoparticles for targeted T ₁ -weighted tumor MR imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 506-513.	5.4	32
147	Facile synthesis of hyaluronic acid-modified Fe ₃ O ₄ /Au composite nanoparticles for targeted dual mode MR/CT imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9098-9108.	5.6	50
148	RGD-functionalized ultrasmall iron oxide nanoparticles for targeted T ₁ -weighted MR imaging of gliomas. <i>Nanoscale</i> , 2015, 7, 14538-14546.	5.0	147
149	Capturing hepatocellular carcinoma cells using lactobionic acid-functionalized electrospun polyvinyl alcohol/polyethyleneimine nanofibers. <i>RSC Advances</i> , 2015, 5, 70439-70447.	4.4	25
150	Radionuclide ¹³¹ I-labeled multifunctional dendrimers for targeted SPECT imaging and radiotherapy of tumors. <i>Nanoscale</i> , 2015, 7, 18169-18178.	5.0	67
151	Poly(\hat{I}^3 -glutamic acid)-stabilized iron oxide nanoparticles: synthesis, characterization and applications for MR imaging of tumors. <i>RSC Advances</i> , 2015, 5, 76700-76707.	4.4	18
152	Hyaluronic acid-modified Fe ₃ O ₄ @Au core/shell nanostars for multimodal imaging and photothermal therapy of tumors. <i>Biomaterials</i> , 2015, 38, 10-21.	12.2	401
153	Multifunctional PEGylated Multiwalled Carbon Nanotubes for Enhanced Blood Pool and Tumor MR Imaging. <i>Advanced Healthcare Materials</i> , 2014, 3, 1568-1577.	8.8	37
154	Hyaluronic acid-modified hydrothermally synthesized iron oxide nanoparticles for targeted tumor MR imaging. <i>Biomaterials</i> , 2014, 35, 3666-3677.	12.2	258
155	Antitumor efficacy of doxorubicin encapsulated within PEGylated poly(amidoamine) dendrimers. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.7	33
156	Folic acid-modified laponite nanodisks for targeted anticancer drug delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7410-7418.	5.6	74
157	The assembly of dendrimer-stabilized gold nanoparticles onto electrospun polymer nanofibers for catalytic applications. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2323.	9.3	62
158	Multifunctional dendrimers modified with alpha-tocopheryl succinate for targeted cancer therapy. <i>MedChemComm</i> , 2014, 5, 879-885.	4.6	44
159	Synthesis of PEGylated low generation dendrimer-entrapped gold nanoparticles for CT imaging applications. <i>Nanoscale</i> , 2014, 6, 4521-4526.	5.0	77
160	Multifunctional Lactobionic Acid-Modified Dendrimers for Targeted Drug Delivery to Liver Cancer Cells: Investigating the Role Played by PEG Spacer. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16416-16425.	8.0	146
161	Dendrimer-functionalized electrospun cellulose acetate nanofibers for targeted cancer cell capture applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7384-7393.	5.6	50
162	Targeted cancer theranostics using alpha-tocopheryl succinate-conjugated multifunctional dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , 2014, 35, 7635-7646.	12.2	189

#	ARTICLE	IF	PR CITATIONS
163	Lactobionic Acid-Modified Dendrimer-Entrapped Gold Nanoparticles for Targeted Computed Tomography Imaging of Human Hepatocellular Carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6944-6953.	8.0	130
164	Selective removal of mercury ions using thymine-grafted electrospun polymer nanofibers. <i>New Journal of Chemistry</i> , 2014, 38, 1533-1539.	2.5	27
165	Poly(amidoamine) Dendrimer-Enabled Simultaneous Stabilization and Functionalization of Electrospun Poly(L-glutamic acid) Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2153-2161.	8.0	29
166	Synthesis and Characterization of PEGylated Polyethylenimine-Entrapped Gold Nanoparticles for Blood Pool and Tumor CT Imaging. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17190-17199.	8.0	120
167	Hemocompatibility of electrospun halloysite nanotube and carbon nanotube doped composite poly(lactic-co-glycolic acid) nanofibers. <i>Journal of Applied Polymer Science</i> , 2013, 127, 4825-4832.	2.7	87
168	Polyethylenimine-mediated synthesis of folic acid-targeted iron oxide nanoparticles for in vivo tumor MR imaging. <i>Biomaterials</i> , 2013, 34, 8382-8392.	12.2	272
169	Targeted tumor CT imaging using folic acid-modified PEGylated dendrimer-entrapped gold nanoparticles. <i>Polymer Chemistry</i> , 2013, 4, 4412.	3.9	97
170	Dendrimer-entrapped gold nanoparticles modified with folic acid for targeted gene delivery applications. <i>Biomaterials Science</i> , 2013, 1, 1172.	5.7	59
171	Facile hydrothermal synthesis of low generation dendrimer-stabilized gold nanoparticles for in vivo computed tomography imaging applications. <i>Polymer Chemistry</i> , 2013, 4, 1788.	3.9	56
172	Facile One-Pot Synthesis of Fe ₃ O ₄ @Au Composite Nanoparticles for Dual-Mode MR/CT Imaging Applications. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10357-10366.	8.0	139
173	Enhanced decoloration efficacy of electrospun polymer nanofibers immobilized with Fe/Ni bimetallic nanoparticles. <i>RSC Advances</i> , 2013, 3, 6455.	4.4	33
174	Antitumor efficacy of doxorubicin-loaded electrospun nano-hydroxyapatite/poly(lactic-co-glycolic acid) nanofibers. <i>Journal of Biomedical Materials Research Part B: Applied Biomaterials</i> , 2013, 97, 1281-1288.	3.9	128
175	Dendrimer-stabilized silver nanoparticles enable efficient colorimetric sensing of mercury ions in aqueous solution. <i>Analytical Methods</i> , 2013, 5, 5486.	2.6	39
176	Multifunctional dendrimer-entrapped gold nanoparticles for dual mode CT/MR imaging applications. <i>Biomaterials</i> , 2013, 34, 1570-1580.	12.2	254
177	Synthesis of polyethylenimine-stabilized gold nanoparticles for colorimetric sensing of heparin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 419, 80-86.	5.2	70
178	Targeted CT/MR dual mode imaging of tumors using multifunctional dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , 2013, 34, 5200-5209.	12.2	215
179	Facile Hydrothermal Synthesis and Surface Functionalization of Polyethylenimine-Coated Iron Oxide Nanoparticles for Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1722-1731.	8.0	295
180	Laponite Nanodisks as an Efficient Platform for Doxorubicin Delivery to Cancer Cells. <i>Langmuir</i> , 2013, 29, 5030-5036.	3.8	185

#	ARTICLE	IF	PR CITATIONS
181	Targeted Tumor Computed Tomography Imaging Using Low-Generation Dendrimer-Stabilized Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 6409-6416.	3.3	96
182	Targeted and pH-Responsive Delivery of Doxorubicin to Cancer Cells Using Multifunctional Dendrimer-Modified Multi-Walled Carbon Nanotubes. <i>Advanced Healthcare Materials</i> , 2013, 2, 1267-1276.	8.8	117
183	Folic acid-modified dendrimer-entrapped gold nanoparticles as nanoprobes for targeted CT imaging of human lung adenocarcinoma. <i>Biomaterials</i> , 2013, 34, 470-480.	12.2	218
184	Characterization and antibacterial activity of amoxicillin-loaded electrospun nano-hydroxyapatite/poly(lactic-co-glycolic acid) composite nanofibers. <i>Biomaterials</i> , 2013, 34, 1402-1412.	12.2	255
185	Surface modification and PEGylation of branched polyethyleneimine for improved biocompatibility. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3807-3813.	2.7	82
186	Facile one-pot preparation, surface functionalization, and toxicity assay of APTS-coated iron oxide nanoparticles. <i>Nanotechnology</i> , 2012, 23, 105601.	2.7	120
187	Facile assembly of Fe ₃ O ₄ @Au nanocomposite particles for dual mode magnetic resonance and computed tomography imaging applications. <i>Journal of Materials Chemistry</i> , 2012, 22, 15110.	7.7	132
188	Encapsulation of Amoxicillin within Laponite-Doped Poly(lactic-co-glycolic acid) Nanofibers: Preparation, Characterization, and Antibacterial Activity. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 6393-6401.	8.0	192
189	Efficient Catalytic Reduction of Hexavalent Chromium Using Palladium Nanoparticle-Immobilized Electrospun Polymer Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3054-3061.	8.0	186
190	Facile formation of dendrimer-stabilized gold nanoparticles modified with diatrizoic acid for enhanced computed tomography imaging applications. <i>Nanoscale</i> , 2012, 4, 6768.	5.0	90
191	Biocompatibility of Electrospun Halloysite Nanotube-Doped Poly(Lactic-co-Glycolic Acid) Composite Nanofibers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 299-313.	3.4	93
192	Electrospun laponite-doped poly(lactic-co-glycolic acid) nanofibers for osteogenic differentiation of human mesenchymal stem cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 23357.	7.7	99
193	Tunable synthesis and acetylation of dendrimer-entrapped or dendrimer-stabilized gold-silver alloy nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 94, 58-67.	5.4	58
194	PEGylated dendrimer-entrapped gold nanoparticles for in vivo blood pool and tumor imaging by computed tomography. <i>Biomaterials</i> , 2012, 33, 1107-1119.	12.2	392
195	Gene delivery using dendrimer-entrapped gold nanoparticles as nonviral vectors. <i>Biomaterials</i> , 2012, 33, 3025-3035.	12.2	241
196	Enhanced dechlorination of trichloroethylene using electrospun polymer nanofibrous mats immobilized with iron/palladium bimetallic nanoparticles. <i>Journal of Hazardous Materials</i> , 2012, 211-212, 349-356.	12.5	67
197	Enhanced X-ray attenuation property of dendrimer-entrapped gold nanoparticles complexed with diatrizoic acid. <i>Journal of Materials Chemistry</i> , 2011, 21, 5120.	7.7	79
198	Effect of surface charge of polyethyleneimine-modified multiwalled carbon nanotubes on the improvement of polymerase chain reaction. <i>Nanoscale</i> , 2011, 3, 1741.	5.0	62

#	ARTICLE	IF	PR CITATIONS
199	Targeted delivery of doxorubicin into cancer cells using a folic acid-dendrimer conjugate. <i>Polymer Chemistry</i> , 2011, 2, 1754.	3.9	148
200	Exploring the dark side of MTT viability assay of cells cultured onto electrospun PLGA-based composite nanofibrous scaffolding materials. <i>Analyst, The</i> , 2011, 136, 2897.	3.1	47
201	Facile immobilization of gold nanoparticles into electrospun polyethyleneimine/polyvinyl alcohol nanofibers for catalytic applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 4493.	7.7	185
202	Multifunctional dendrimer/combretastatin A4 inclusion complexes enable in vitro targeted cancer therapy. <i>International Journal of Nanomedicine</i> , 2011, , 2337.	5.4	42
203	Encapsulation of 2-methoxyestradiol within multifunctional poly(amidoamine) dendrimers for targeted cancer therapy. <i>Biomaterials</i> , 2011, 32, 3322-3329.	12.2	188
204	Acetylation of dendrimer-entrapped gold nanoparticles: Synthesis, stability, and X-ray attenuation properties. <i>Journal of Applied Polymer Science</i> , 2011, 119, 1673-1682.	2.7	67
205	Excellent copper(II) removal using zero-valent iron nanoparticle-immobilized hybrid electrospun polymer nanofibrous mats. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 381, 48-54.	5.2	136
206	Improved cellular response on multiwalled carbon nanotube-incorporated electrospun polyvinyl alcohol/chitosan nanofibrous scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 84, 528-535.	5.4	150
207	Computed tomography imaging of cancer cells using acetylated dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , 2011, 32, 2979-2988.	12.2	222
208	Fabrication of multiwalled carbon nanotube-reinforced electrospun polymer nanofibers containing zero-valent iron nanoparticles for environmental applications. <i>Journal of Materials Chemistry</i> , 2010, 20, 5700.	7.7	116
209	Electrospun poly(lactic-co-glycolic acid)/halloysite nanotube composite nanofibers for drug encapsulation and sustained release. <i>Journal of Materials Chemistry</i> , 2010, 20, 10622.	7.7	270
210	Effect of the Porous Microstructures of Poly(lactic-co-glycolic acid)/Carbon Nanotube Composites on the Growth of Fibroblast Cells. <i>Soft Materials</i> , 2010, 8, 239-253.	1.6	37
211	Influence of dendrimer surface charge on the bioactivity of 2-methoxyestradiol complexed with dendrimers. <i>Soft Matter</i> , 2010, 6, 2539.	2.7	86
212	Dendrimer-based organic/inorganic hybrid nanoparticles in biomedical applications. <i>Nanoscale</i> , 2010, 2, 1596.	5.0	168
213	Effect of Processing Variables on the Morphology of Electrospun Poly[(lactic acid)-co-(glycolic acid)] Nanofibers. <i>Journal of Applied Polymer Science</i> , 2010, 117, 1074-1082.	4.1	92
214	Multifunctional Dendrimer-Modified Multiwalled Carbon Nanotubes: Synthesis, Characterization, and In Vitro Cancer Cell Targeting and Imaging. <i>Biomacromolecules</i> , 2009, 10, 1744-1750.	5.3	152
215	Polyelectrolyte Multilayer-Assisted Immobilization of Zero-Valent Iron Nanoparticles onto Polymer Nanofibers for Potential Environmental Applications. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2848-2855.	8.0	74
216	Electrospun short fibers: a new platform for cancer nanomedicine applications. <i>Journal of Applied Polymer Science</i> , 2009, 111, 454-467.		4

#	ARTICLE	IF	PR CITATIONS
217	Electrospun short fibers: a new platform for cancer nanomedicine applications. , 0, , 454-467.		0