Mingwu Shen

List of Publications by Year in Descending Order

288 papers	16,547 citations	72 h-index	114 g-index
297 ext. papers	18,680 ext. citations	8.5 avg, IF	7.01 L-index

#	Paper	IF	Citations
288	Fibronectin-Coated Metal-Phenolic Networks for Cooperative Tumor Chemo-/Chemodynamic/Immune Therapy via Enhanced Ferroptosis-Mediated Immunogenic Cell Death.. *ACS Nano*, **2022**,	16.7	13
287	Safe and efficient 2D molybdenum disulfide platform for cooperative imaging-guided photothermal-selective chemotherapy: A preclinical study.. *Journal of Advanced Research*, **2022**, 37, 255-266	12	9
286	Ga-labeled dendrimer-entrapped gold nanoparticles for PET/CT dual-modality imaging and immunotherapy of tumors.. *Journal of Materials Chemistry B*, **2022**,	7.3	6
285	Intelligent design of polymer nanogels for full-process sensitized radiotherapy and dual-mode computed tomography/magnetic resonance imaging of tumors.. *Theranostics*, **2022**, 12, 3420-3437	12.1	1
284	Preparation and investigation of a novel iodine-based visible polyvinyl alcohol embolization material. *Journal of Interventional Medicine*, **2022**, 5, 72-78	0.2	
283	"Cluster Bomb" Based on Redox-Responsive Carbon Dot Nanoclusters Coated with Cell Membranes for Enhanced Tumor Theranostics. *ACS Applied Materials & Interfaces*, **2021**, 13, 55815-55826	9.5	8
282	Metal-Phenolic Network-Coated Dendrimer-Drug Conjugates for Tumor MR Imaging and Chemo/Chemodynamic Therapy via Amplification of Endoplasmic Reticulum Stress. *Advanced Materials*, **2021**, e2107009	24	12
281	Macrophage Membrane-Camouflaged Responsive Polymer Nanogels Enable Magnetic Resonance Imaging-Guided Chemotherapy/Chemodynamic Therapy of Orthotopic Glioma. *ACS Nano*, **2021**,	16.7	16
280	Modular design of multifunctional core-shell tecto dendrimers complexed with copper(II) for MR imaging-guided chemodynamic therapy of orthotopic glioma. *Nano Today*, **2021**, 41, 101325	17.9	3
279	Multi-Responsive Biodegradable Cationic Nanogels for Highly Efficient Treatment of Tumors. *Advanced Functional Materials*, **2021**, 31, 2100227	15.6	20
278	Gene silencing-mediated immune checkpoint blockade for tumor therapy boosted by dendrimer-entrapped gold nanoparticles. *Science China Materials*, **2021**, 64, 2045-2055	7.1	8
277	Two-dimensional LDH nanodisks modified with hyaluronidase enable enhanced tumor penetration and augmented chemotherapy. *Science China Chemistry*, **2021**, 64, 817-826	7.9	6
276	A Dual-Responsive Platform Based on Antifouling Dendrimer-CuS Nanohybrids for Enhanced Tumor Delivery and Combination Therapy.. *Small Methods*, **2021**, 5, e2100204	12.8	7
275	Engineered non-invasive functionalized dendrimer/dendron-entrapped/complexed gold nanoparticles as a novel class of theranostic (radio)pharmaceuticals in cancer therapy. *Journal of Controlled Release*, **2021**, 332, 346-366	11.7	10
274	Core-Shell Tecto Dendrimers Enable Enhanced Tumor MR Imaging through an Amplified EPR Effect. *Biomacromolecules*, **2021**, 22, 2181-2188	6.9	8
273	Negative Isolation of Circulating Tumor Cells Using a Microfluidic Platform Integrated with Streptavidin-Functionalized PLGA Nanofibers. *Advanced Fiber Materials*, **2021**, 3, 192-202	10.9	24
272	Multifunctional PLGA microfibrous rings enable MR imaging-guided tumor chemotherapy and metastasis inhibition through prevention of circulating tumor cell shedding. *Nano Today*, **2021**, 38, 101123	17.9	10

271	Physicochemical aspects of zwitterionic core-shell tecto dendrimers characterized by a thorough NMR investigation. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 618, 126466	5.1	1
270	Intelligent Molybdenum Disulfide Complexes as a Platform for Cooperative Imaging-Guided Tri-Mode Chemo-Photothermo-Immunotherapy. *Advanced Science*, **2021**, 8, e2100165	13.6	14
269	Macrophage-Laden Gold Nanoflowers Embedded with Ultrasmall Iron Oxide Nanoparticles for Enhanced Dual-Mode CT/MR Imaging of Tumors. *Pharmaceutics*, **2021**, 13,	6.4	1
268	Low-Molecular-Weight Poly(ethylenimine) Nanogels Loaded with Ultrasmall Iron Oxide Nanoparticles for -Weighted MR Imaging-Guided Gene Therapy of Sarcoma. *ACS Applied Materials & Interfaces*, **2021**, 13, 27806-27813	9.5	5
267	Ultrasound-enhanced fluorescence imaging and chemotherapy of multidrug-resistant tumors using multifunctional dendrimer/carbon dot nanohybrids. *Bioactive Materials*, **2021**, 6, 729-739	16.7	35
266	Non-invasive intranasal administration route directly to the brain using dendrimer nanoplatforms: An opportunity to develop new CNS drugs. *European Journal of Medicinal Chemistry*, **2021**, 209, 112905	6.8	15
265	Ultrasound-enhanced precision tumor theranostics using cell membrane-coated and pH-responsive nanoclusters assembled from ultrasmall iron oxide nanoparticles. *Nano Today*, **2021**, 36, 101022	17.9	29
264	Dual-mode endogenous and exogenous sensitization of tumor radiotherapy through antifouling dendrimer-entrapped gold nanoparticles. *Theranostics*, **2021**, 11, 1721-1731	12.1	10
263	LDH-doped electrospun short fibers enable dual drug loading and multistage release for chemotherapy of drug-resistant cancer cells. *New Journal of Chemistry*, **2021**, 45, 13421-13428	3.6	6
262	Interaction of dendrimers with the immune system: An insight into cancer nanotheranostics. *View*, **2021**, 2, 20200120	7.8	7
261	Macrophage-mediated tumor homing of hyaluronic acid nanogels loaded with polypyrrole and anticancer drug for targeted combinational photothermo-chemotherapy. *Theranostics*, **2021**, 11, 7057-7071	12.1	7
260	Impact of molecular rigidity on the gene delivery efficiency of core-shell tecto dendrimers. *Journal of Materials Chemistry B*, **2021**, 9, 6149-6154	7.3	0
259	Antifouling Dendrimer-Entrapped Copper Sulfide Nanoparticles Enable Photoacoustic Imaging-Guided Targeted Combination Therapy of Tumors and Tumor Metastasis. *ACS Applied Materials & Interfaces*, **2021**, 13, 6069-6080	9.5	17
258	Construction of Poly(amidoamine) Dendrimer/Carbon Dot Nanohybrids for Biomedical Applications. *Macromolecular Bioscience*, **2021**, 21, e2100007	5.5	6
257	Polydopamine-Coated Laponite Nanoplatforms for Photoacoustic Imaging-Guided Chemo-Phototherapy of Breast Cancer. *Nanomaterials*, **2021**, 11,	5.4	9
256	Dendrimer-based nanohybrids in cancer photomedicine. *Materials Today Bio*, **2021**, 10, 100111	9.9	9
255	Overcoming T Cell Exhaustion via Immune Checkpoint Modulation with a Dendrimer-Based Hybrid Nanocomplex. *Advanced Healthcare Materials*, **2021**, 10, e2100833	10.1	7
254	Facile Formation of PAMAM Dendrimer Nanoclusters for Enhanced Gene Delivery and Cancer Gene Therapy.. *ACS Applied Bio Materials*, **2021**, 4, 7168-7175	4.1	3

253	Intelligent Design of Ultrasmall Iron Oxide Nanoparticle-Based Theranostics. *ACS Applied Materials & Interfaces*, **2021**, 13, 45119-45129	9.5	2
252	Cancer nanomedicine based on polyethylenimine-mediated multifunctional nanosystems. *Progress in Materials Science*, **2021**, 100871	42.2	4
251	Dendrimer-decorated nanogels: Efficient nanocarriers for biodistribution and chemotherapy of ovarian carcinoma. *Bioactive Materials*, **2021**, 6, 3244-3253	16.7	15
250	Multifunctional Core-Shell Tecto Dendrimers Incorporated with Gold Nanoparticles for Targeted Dual Mode CT/MR Imaging of Tumors.. *ACS Applied Bio Materials*, **2021**, 4, 1803-1812	4.1	7
249	Synthesis and Shaping of Core-Shell Tecto Dendrimers for Biomedical Applications. *Bioconjugate Chemistry*, **2021**, 32, 225-233	6.3	7
248	Facile Synthesis of Amphiphilic Fluorescent Phosphorus Dendron-Based Micelles as Antiproliferative Agents: First Investigations. *Bioconjugate Chemistry*, **2021**, 32, 339-349	6.3	8
247	Dendrimer-Based Nanogels for Cancer Nanomedicine Applications.. *Bioconjugate Chemistry*, **2021**,	6.3	3
246	Revisiting Cationic Phosphorus Dendrimers as a Nonviral Vector for Optimized Gene Delivery Toward Cancer Therapy Applications. *Biomacromolecules*, **2020**, 21, 2502-2511	6.9	24
245	Adoptive cellular immunotherapy of tumors via effective CpG delivery to dendritic cells using dendrimer-entrapped gold nanoparticles as a gene vector. *Journal of Materials Chemistry B*, **2020**, 8, 5052-5063	7.3	20
244	Phosphorus dendrimer-based copper(II) complexes enable ultrasound-enhanced tumor theranostics. *Nano Today*, **2020**, 33, 100899	17.9	23
243	Colorimetric detection of Cr ions in aqueous solution using poly(Eglutamic acid)-stabilized gold nanoparticles. *Analytical Methods*, **2020**, 12, 3145-3150	3.2	5
242	Polyethylenimine-Assisted Generation of Optical Nanoprobes for Biosensing Applications.. *ACS Applied Bio Materials*, **2020**, 3, 3935-3955	4.1	9
241	A Dendrimer-Based Dual Radiodense Element-Containing Nanoplatform for Targeted Enhanced Tumor Computed Tomography Imaging. *Langmuir*, **2020**, 36, 3096-3103	4	10
240	Multifunctional PVCL nanogels with redox-responsiveness enable enhanced MR imaging and ultrasound-promoted tumor chemotherapy. *Theranostics*, **2020**, 10, 4349-4358	12.1	30
239	Efficient co-delivery of microRNA 21 inhibitor and doxorubicin to cancer cells using core-shell tecto dendrimers formed via supramolecular host-guest assembly. *Journal of Materials Chemistry B*, **2020**, 8, 2768-2774	7.3	34
238	Multifunctional Dendrimer-Entrapped Gold Nanoparticles for Labeling and Tracking T Cells Via Dual-Modal Computed Tomography and Fluorescence Imaging. *Biomacromolecules*, **2020**, 21, 1587-1595	6.9	18
237	Hybrid nanogels for photoacoustic imaging and photothermal therapy **2020**, 23-43		2
236	Superstructured poly(amidoamine) dendrimer-based nanoconstructs as platforms for cancer nanomedicine: A concise review. *Coordination Chemistry Reviews*, **2020**, 421, 213463	23.2	41

235	Characterization of zwitterion-modified poly(amidoamine) dendrimers in aqueous solution via a thorough NMR investigation. *European Physical Journal E*, **2020**, 43, 7	1.5	4
234	Polyethylenimine Nanogels Incorporated with Ultrasmall Iron Oxide Nanoparticles and Doxorubicin for MR Imaging-Guided Chemotherapy of Tumors. *Bioconjugate Chemistry*, **2020**, 31, 907-915	6.3	28
233	LDH-stabilized ultrasmall iron oxide nanoparticles as a platform for hyaluronidase-promoted MR imaging and chemotherapy of tumors. *Theranostics*, **2020**, 10, 2791-2802	12.1	25
232	Folic acid-modified Laponite -stabilized Fe3O4 nanoparticles for targeted T2-weighted MR imaging of tumor. *Applied Clay Science*, **2020**, 186, 105447	5.2	9
231	Targeted Tumor Hypoxia Dual-Mode CT/MR Imaging and Enhanced Radiation Therapy Using Dendrimer-Based Nanosensitizers. *Advanced Functional Materials*, **2020**, 30, 1909285	15.6	40
230	Gd-/CuS-Loaded Functional Nanogels for MR/PA Imaging-Guided Tumor-Targeted Photothermal Therapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 9107-9117	9.5	53
229	Doxorubicin Encapsulated in TPGS-Modified 2D-Nanodisks Overcomes Multidrug Resistance. *Chemistry - A European Journal*, **2020**, 26, 2470-2477	4.8	17
228	Design of DNA Aptamer-Functionalized Magnetic Short Nanofibers for Efficient Capture and Release of Circulating Tumor Cells. *Bioconjugate Chemistry*, **2020**, 31, 130-138	6.3	24
227	PAMAM Dendrimer-Based Nanodevices for Nuclear Medicine Applications. *Macromolecular Bioscience*, **2020**, 20, e1900282	5.5	26
226	Redox-Sensitive Clustered Ultrasmall Iron Oxide Nanoparticles for Switchable T/T-Weighted Magnetic Resonance Imaging Applications. *Bioconjugate Chemistry*, **2020**, 31, 352-359	6.3	26
225	Functional LAPONITE Nanodisks Enable Targeted Anticancer Chemotherapy. *Bioconjugate Chemistry*, **2020**, 31, 2404-2412	6.3	3
224	Targeted Combination of Antioxidative and Anti-Inflammatory Therapy of Rheumatoid Arthritis using Multifunctional Dendrimer-Entrapped Gold Nanoparticles as a Platform. *Small*, **2020**, 16, e2005661	11	23
223	Phosphorus dendrimers as powerful nanoplatforms for drug delivery, as fluorescent probes and for liposome interaction studies: A concise overview. *European Journal of Medicinal Chemistry*, **2020**, 208, 112788	6.8	7
222	Poly(amidoamine) Dendrimer-Gold Nanohybrids in Cancer Gene Therapy: A Concise Overview.. *ACS Applied Bio Materials*, **2020**, 3, 5590-5605	4.1	14
221	Dendrimers toward Translational Nanotherapeutics: Concise Key Step Analysis. *Bioconjugate Chemistry*, **2020**, 31, 2060-2071	6.3	25
220	The gene transfection and endocytic uptake pathways mediated by PEGylated PEI-entrapped gold nanoparticles. *Arabian Journal of Chemistry*, **2020**, 13, 2558-2567	5.9	11
219	Polyethylenimine-Based Nanogels for Biomedical Applications. *Macromolecular Bioscience*, **2019**, 19, e1900272	5.5	31
218	Catalytic Reduction of Hexavalent Chromium Using Iron/Palladium Bimetallic Nanoparticle-Assembled Filter Paper. *Nanomaterials*, **2019**, 9,	5.4	8

217	Magnetic Resonance Imaging of the Human Ferritin Heavy Chain Reporter Gene Carried by Dendrimer-Entrapped Gold Nanoparticles. *Journal of Biomedical Nanotechnology*, **2019**, 15, 518-530	4	9
216	Zwitterionic Modification of Nanomaterials for Improved Diagnosis of Cancer Cells. *Bioconjugate Chemistry*, **2019**, 30, 2519-2527	6.3	17
215	Influence of size, crosslinking degree and surface structure of poly(N-vinylcaprolactam)-based microgels on their penetration into multicellular tumor spheroids. *Biomaterials Science*, **2019**, 7, 4738-4747	7.4	13
214	Capturing cancer cells using hyaluronic acid-immobilized electrospun random or aligned PLA nanofibers. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 583, 123978	5.1	16
213	Zwitterion-functionalized dendrimer-entrapped gold nanoparticles for serum-enhanced gene delivery to inhibit cancer cell metastasis. *Acta Biomaterialia*, **2019**, 99, 320-329	10.8	45
212	Tc-Labeled Polyethylenimine-Entrapped Gold Nanoparticles with pH-Responsive Charge Conversion Property for Enhanced Dual Mode SPECT/CT Imaging of Cancer Cells. *Langmuir*, **2019**, 35, 13405-13412	4	12
211	Polydopamine-coated magnetic mesoporous silica nanoparticles for multimodal cancer theranostics. *Journal of Materials Chemistry B*, **2019**, 7, 368-372	7.3	24
210	Poly(amidoamine) Dendrimer-Coordinated Copper(II) Complexes as a Theranostic Nanoplatform for the Radiotherapy-Enhanced Magnetic Resonance Imaging and Chemotherapy of Tumors and Tumor Metastasis. *Nano Letters*, **2019**, 19, 1216-1226	11.5	62
209	Comparative study of resazurin reduction and MTT assays for cytocompatibility evaluation of nanofibrous materials. *Analytical Methods*, **2019**, 11, 483-489	3.2	11
208	Dendrimer-Enabled Therapeutic Antisense Delivery Systems as Innovation in Medicine. *Bioconjugate Chemistry*, **2019**, 30, 1938-1950	6.3	23
207	A polydopamine-coated LAPONITE -stabilized iron oxide nanoplatform for targeted multimodal imaging-guided photothermal cancer therapy. *Journal of Materials Chemistry B*, **2019**, 7, 3856-3864	7.3	10
206	A multifunctional low-generation dendrimer-based nanoprobe for the targeted dual mode MR/CT imaging of orthotopic brain gliomas. *Journal of Materials Chemistry B*, **2019**, 7, 3639-3643	7.3	21
205	Zwitterionic Polydopamine-Coated Manganese Oxide Nanoparticles with Ultrahigh Longitudinal Relaxivity for Tumor-Targeted MR Imaging. *Langmuir*, **2019**, 35, 4336-4341	4	13
204	Exploration of biomedical dendrimer space based on in-vitro physicochemical parameters: key factor analysis (Part 1). *Drug Discovery Today*, **2019**, 24, 1176-1183	8.8	23
203	Exploration of biomedical dendrimer space based on in-vivo physicochemical parameters: Key factor analysis (Part 2). *Drug Discovery Today*, **2019**, 24, 1184-1192	8.8	22
202	Immobilization of polyethyleneimine-templated silver nanoparticles onto filter paper for catalytic applications. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 571, 44-49	5.1	13
201	Zwitterionic Gadolinium(III)-Complexed Dendrimer-Entrapped Gold Nanoparticles for Enhanced Computed Tomography/Magnetic Resonance Imaging of Lung Cancer Metastasis. *ACS Applied Materials & Interfaces*, **2019**, 11, 15212-15221	9.5	66
200	Stem cell-mediated delivery of nanogels loaded with ultrasmall iron oxide nanoparticles for enhanced tumor MR imaging. *Nanoscale*, **2019**, 11, 4904-4910	7.7	22

199	Hyaluronic Acid-Decorated Laponite Nanocomposites for Targeted Anticancer Drug Delivery. *Polymers*, **2019**, 11,	4.5	13
198	Light-Addressable Nanoclusters of Ultrasmall Iron Oxide Nanoparticles for Enhanced and Dynamic Magnetic Resonance Imaging of Arthritis. *Advanced Science*, **2019**, 6, 1901800	13.6	34
197	Construction of Electrospun Organic/Inorganic Hybrid Nanofibers for Drug Delivery and Tissue Engineering Applications. *Advanced Fiber Materials*, **2019**, 1, 32-45	10.9	56
196	Design of dual drug-loaded dendrimer/carbon dot nanohybrids for fluorescence imaging and enhanced chemotherapy of cancer cells. *Journal of Materials Chemistry B*, **2019**, 7, 277-285	7.3	38
195	I-Labeled Multifunctional Polyphosphazene Nanospheres for SPECT Imaging-Guided Radiotherapy of Tumors. *Advanced Healthcare Materials*, **2019**, 8, e1901299	10.1	9
194	Core-shell tecto dendrimers formed via host-guest supramolecular assembly as pH-responsive intelligent carriers for enhanced anticancer drug delivery. *Nanoscale*, **2019**, 11, 22343-22350	7.7	29
193	Specific capture and release of circulating tumor cells using a multifunctional nanofiber-integrated microfluidic chip. *Nanomedicine*, **2019**, 14, 183-199	5.6	14
192	Polydopamine-coated gold core/hollow mesoporous silica shell particles as a nanoplatform for multimode imaging and photothermal therapy of tumors. *Chemical Engineering Journal*, **2019**, 362, 842-850	14.7	46
191	Ultrasmall iron oxide nanoparticles: synthesis, surface modification, assembly, and biomedical applications. *Drug Discovery Today*, **2019**, 24, 835-844	8.8	49
190	Performing a catalysis reaction on filter paper: development of a metal palladium nanoparticle-based catalyst. *Nanoscale Advances*, **2019**, 1, 342-346	5.1	10
189	Cu-Labeled multifunctional dendrimers for targeted tumor PET imaging. *Nanoscale*, **2018**, 10, 6113-6124	7.7	30
188	Recent therapeutic applications of the theranostic principle with dendrimers in oncology. *Science China Materials*, **2018**, 61, 1367-1386	7.1	21
187	Integration of aligned polymer nanofibers within a microfluidic chip for efficient capture and rapid release of circulating tumor cells. *Materials Chemistry Frontiers*, **2018**, 2, 891-900	7.8	20
186	Design of functional electrospun nanofibers for cancer cell capture applications. *Journal of Materials Chemistry B*, **2018**, 6, 1420-1432	7.3	31
185	Construction of iron oxide nanoparticle-based hybrid platforms for tumor imaging and therapy. *Chemical Society Reviews*, **2018**, 47, 1874-1900	58.5	214
184	Tc-Labeled RGD-Polyethylenimine Conjugates with Entrapped Gold Nanoparticles in the Cavities for Dual-Mode SPECT/CT Imaging of Hepatic Carcinoma. *ACS Applied Materials & Interfaces*, **2018**, 10, 6146-6154	9.5	21
183	PEGylated dendrimer-entrapped gold nanoparticles with low immunogenicity for targeted gene delivery.. *RSC Advances*, **2018**, 8, 1265-1273	3.7	20
182	A Microfluidic Chip Integrated with Hyaluronic Acid-Functionalized Electrospun Chitosan Nanofibers for Specific Capture and Nondestructive Release of CD44-Overexpressing Circulating Tumor Cells. *Bioconjugate Chemistry*, **2018**, 29, 1081-1090	6.3	35

181	Targeted tumor dual mode CT/MR imaging using multifunctional polyethylenimine-entrapped gold nanoparticles loaded with gadolinium. *Drug Delivery*, **2018**, 25, 178-186	7	29
180	Radiotherapy-Sensitized Tumor Photothermal Ablation Using Polyglutamic Acid Nanogels Loaded with Polypyrrole. *Biomacromolecules*, **2018**, 19, 2034-2042	6.9	36
179	Design of electrospun nanofibrous mats for osteogenic differentiation of mesenchymal stem cells. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2018**, 14, 2505-2520	6	54
178	Acetylated Polyethylenimine-Entrapped Gold Nanoparticles Enable Negative Computed Tomography Imaging of Orthotopic Hepatic Carcinoma. *Langmuir*, **2018**, 34, 8701-8707	4	13
177	New Ways to Treat Tuberculosis Using Dendrimers as Nanocarriers. *Pharmaceutics*, **2018**, 10,	6.4	19
176	Enhanced Delivery of Therapeutic siRNA into Glioblastoma Cells Using Dendrimer-Entrapped Gold Nanoparticles Conjugated with Cyclodextrin. *Nanomaterials*, **2018**, 8,	5.4	45
175	Dendrimer-based strategies for cancer therapy: Recent advances and future perspectives. *Science China Materials*, **2018**, 61, 1387-1403	7.1	44
174	One-Step Loading of Gold and GdO Nanoparticles within PEGylated Polyethylenimine for Dual Mode Computed Tomography/Magnetic Resonance Imaging of Tumors.. *ACS Applied Bio Materials*, **2018**, 1, 221-225	4.1	7
173	UTMD-Promoted Co-Delivery of Gemcitabine and miR-21 Inhibitor by Dendrimer-Entrapped Gold Nanoparticles for Pancreatic Cancer Therapy. *Theranostics*, **2018**, 8, 1923-1939	12.1	92
172	Targeted dual-mode imaging and phototherapy of tumors using ICG-loaded multifunctional MWCNTs as a versatile platform. *Journal of Materials Chemistry B*, **2018**, 6, 6122-6132	7.3	16
171	SPECT/CT imaging of chemotherapy-induced tumor apoptosis using Tc-labeled dendrimer-entrapped gold nanoparticles. *Drug Delivery*, **2018**, 25, 1384-1393	7	33
170	A unique nanogel-based platform for enhanced dual mode tumor MR/CT imaging. *Journal of Materials Chemistry B*, **2018**, 6, 4835-4842	7.3	16
169	Dendrimers in combination with natural products and analogues as anti-cancer agents. *Chemical Society Reviews*, **2018**, 47, 514-532	58.5	122
168	Bench-to-bedside translation of dendrimers: Reality or utopia? A concise analysis. *Advanced Drug Delivery Reviews*, **2018**, 136-137, 73-81	18.5	37
167	Dendrimer-Stabilized Gold Nanoflowers Embedded with Ultrasmall Iron Oxide Nanoparticles for Multimode Imaging-Guided Combination Therapy of Tumors. *Advanced Science*, **2018**, 5, 1801612	13.6	73
166	Polyethyleneimine-Coated Manganese Oxide Nanoparticles for Targeted Tumor PET/MR Imaging. *ACS Applied Materials & Interfaces*, **2018**, 10, 34954-34964	9.5	36
165	Doxorubicin-Conjugated PAMAM Dendrimers for pH-Responsive Drug Release and Folic Acid-Targeted Cancer Therapy. *Pharmaceutics*, **2018**, 10,	6.4	51
164	Multifunctional Dendrimer-Entrapped Gold Nanoparticles Conjugated with Doxorubicin for pH-Responsive Drug Delivery and Targeted Computed Tomography Imaging. *Langmuir*, **2018**, 34, 12428-12435	4	60

163	Loading of Au/Ag bimetallic nanoparticles within electrospun PVA/PEI nanofibers for catalytic applications. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 552, 9-15	5.1	32
162	Gadolinium-Loaded Poly(N-vinylcaprolactam) Nanogels: Synthesis, Characterization, and Application for Enhanced Tumor MR Imaging. *ACS Applied Materials & Interfaces*, **2017**, 9, 3411-3418	9.5	48
161	Formation of Gold Nanostar-Coated Hollow Mesoporous Silica for Tumor Multimodality Imaging and Photothermal Therapy. *ACS Applied Materials & Interfaces*, **2017**, 9, 5817-5827	9.5	140
160	A multifunctional polyethylenimine-based nanoplatform for targeted anticancer drug delivery to tumors in vivo. *Journal of Materials Chemistry B*, **2017**, 5, 1542-1550	7.3	37
159	Hyaluronic acid-functionalized electrospun PLGA nanofibers embedded in a microfluidic chip for cancer cell capture and culture. *Biomaterials Science*, **2017**, 5, 752-761	7.4	58
158	Alpha-Tocopheryl Succinate-Conjugated G5 PAMAM Dendrimer Enables Effective Inhibition of Ulcerative Colitis. *Advanced Healthcare Materials*, **2017**, 6, 1700276	10.1	18
157	Dendrimer-Modified MoS Nanoflakes as a Platform for Combinational Gene Silencing and Photothermal Therapy of Tumors. *ACS Applied Materials & Interfaces*, **2017**, 9, 15995-16005	9.5	80
156	A promising dual mode SPECT/CT imaging platform based on Tc-labeled multifunctional dendrimer-entrapped gold nanoparticles. *Journal of Materials Chemistry B*, **2017**, 5, 3810-3815	7.3	34
155	Targeted CT/MR dual mode imaging of human hepatocellular carcinoma using lactobionic acid-modified polyethyleneimine-entrapped gold nanoparticles. *Journal of Materials Chemistry B*, **2017**, 5, 2395-2401	7.3	18
154	Aqueous-phase synthesis of iron oxide nanoparticles and composites for cancer diagnosis and therapy. *Advances in Colloid and Interface Science*, **2017**, 249, 374-385	14.3	23
153	Multifunctional PEI-entrapped gold nanoparticles enable efficient delivery of therapeutic siRNA into glioblastoma cells. *Biomaterials Science*, **2017**, 5, 258-266	7.4	55
152	Antifouling Manganese Oxide Nanoparticles: Synthesis, Characterization, and Applications for Enhanced MR Imaging of Tumors. *ACS Applied Materials & Interfaces*, **2017**, 9, 47-53	9.5	42
151	LAPONITE-Polyethylenimine Based Theranostic Nanoplatform for Tumor-Targeting CT Imaging and Chemotherapy. *ACS Biomaterials Science and Engineering*, **2017**, 3, 431-442	5.5	32
150	Construction of core-shell tecto dendrimers based on supramolecular host-guest assembly for enhanced gene delivery. *Journal of Materials Chemistry B*, **2017**, 5, 8459-8466	7.3	29
149	Targeted tumor SPECT/CT dual mode imaging using multifunctional RGD-modified low generation dendrimer-entrapped gold nanoparticles. *Biomaterials Science*, **2017**, 5, 2393-2397	7.4	39
148	An RGD-modified hollow silica@Au core/shell nanoplatform for tumor combination therapy. *Acta Biomaterialia*, **2017**, 62, 273-283	10.8	55
147	Polyaniline-loaded polyglutamic acid nanogels as a platform for photoacoustic imaging-guided tumor photothermal therapy. *Nanoscale*, **2017**, 9, 12746-12754	7.7	53
146	Dendrimers meet zwitterions: development of a unique antifouling nanoplatform for enhanced blood pool, lymph node and tumor CT imaging. *Nanoscale*, **2017**, 9, 12295-12301	7.7	40

145	Zwitterion-coated ultrasmall iron oxide nanoparticles for enhanced T-weighted magnetic resonance imaging applications. *Journal of Materials Chemistry B*, **2017**, 5, 7267-7273	7.3	47
144	Design and Biomedical Applications of Poly(amidoamine)-Dendrimer-Based Hybrid Nanoarchitectures. *Small Methods*, **2017**, 1, 1700224	12.8	38
143	Facile Formation of Gold-Nanoparticle-Loaded Polyglutamic Acid Nanogels for Tumor Computed Tomography Imaging. *Bioconjugate Chemistry*, **2017**, 28, 2692-2697	6.3	25
142	Facile Synthesis of Lactobionic Acid-Targeted Iron Oxide Nanoparticles with Ultrahigh Relaxivity for Targeted MR Imaging of an Orthotopic Model of Human Hepatocellular Carcinoma. *Particle and Particle Systems Characterization*, **2017**, 34, 1600113	3.1	11
141	Immobilization of iron oxide nanoparticles within alginate nanogels for enhanced MR imaging applications. *Biomaterials Science*, **2016**, 4, 1422-30	7.4	34
140	Gd-Chelated poly(propylene imine) dendrimers with densely organized maltose shells for enhanced MR imaging applications. *Biomaterials Science*, **2016**, 4, 1622-1629	7.4	25
139	(99m)Tc-Labeled Multifunctional Low-Generation Dendrimer-Entrapped Gold Nanoparticles for Targeted SPECT/CT Dual-Mode Imaging of Tumors. *ACS Applied Materials & Interfaces*, **2016**, 8, 19883-91	8.5	75
138	Efficient delivery of therapeutic siRNA into glioblastoma cells using multifunctional dendrimer-entrapped gold nanoparticles. *Nanomedicine*, **2016**, 11, 3103-3115	5.6	45
137	Multifunctional Fe3O4 @ Au core/shell nanostars: a unique platform for multimode imaging and photothermal therapy of tumors. *Scientific Reports*, **2016**, 6, 28325	4.9	89
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