

Mingwu Shen

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288
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16,547
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297
ext. papers

18,680
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
288	PEGylated dendrimer-entrapped gold nanoparticles for in vivo blood pool and tumor imaging by computed tomography. <i>Biomaterials</i> , 2012 , 33, 1107-19	15.6	335
287	Biodegradable Polymer Nanogels for Drug/Nucleic Acid Delivery. <i>Chemical Reviews</i> , 2015 , 115, 8564-60868.1	68.1	330
286	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	15.6	314
285	Dendrimer-entrapped gold nanoparticles as a platform for cancer-cell targeting and imaging. <i>Small</i> , 2007 , 3, 1245-52	11	291
284	Dendrimer-Functionalized Shell-crosslinked Iron Oxide Nanoparticles for In-Vivo Magnetic Resonance Imaging of Tumors. <i>Advanced Materials</i> , 2008 , 20, 1671-1678	24	258
283	Enhanced proliferation and osteogenic differentiation of mesenchymal stem cells on graphene oxide-incorporated electrospun poly(lactic-co-glycolic acid) nanofibrous mats. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 6331-9	9.5	246
282	Facile hydrothermal synthesis and surface functionalization of polyethyleneimine-coated iron oxide nanoparticles for biomedical applications. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 1722-31	9.5	237
281	Targeted dual-contrast T1- and T2-weighted magnetic resonance imaging of tumors using multifunctional gadolinium-labeled superparamagnetic iron oxide nanoparticles. <i>Biomaterials</i> , 2011 , 32, 4584-93	15.6	232
280	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		223
279	Multifunctional dendrimer-entrapped gold nanoparticles for dual mode CT/MR imaging applications. <i>Biomaterials</i> , 2013 , 34, 1570-80	15.6	222
278	Polyethyleneimine-mediated synthesis of folic acid-targeted iron oxide nanoparticles for in vivo tumor MR imaging. <i>Biomaterials</i> , 2013 , 34, 8382-92	15.6	215
277	A Facile Hydrothermal Synthesis of Iron Oxide Nanoparticles with Tunable Magnetic Properties. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 13593-13599	3.8	215
276	Water-soluble superparamagnetic manganese ferrite nanoparticles for magnetic resonance imaging. <i>Biomaterials</i> , 2010 , 31, 3667-73	15.6	215
275	Construction of iron oxide nanoparticle-based hybrid platforms for tumor imaging and therapy. <i>Chemical Society Reviews</i> , 2018 , 47, 1874-1900	58.5	214
274	Characterization and antibacterial activity of amoxicillin-loaded electrospun nano-hydroxyapatite/poly(lactic-co-glycolic acid) composite nanofibers. <i>Biomaterials</i> , 2013 , 34, 1402-12	15.6	207
273	Hyaluronic acid-modified hydrothermally synthesized iron oxide nanoparticles for targeted tumor MR imaging. <i>Biomaterials</i> , 2014 , 35, 3666-77	15.6	206
272	Gene delivery using dendrimer-entrapped gold nanoparticles as nonviral vectors. <i>Biomaterials</i> , 2012 , 33, 3025-35	15.6	200

271	Targeted CT/MR dual mode imaging of tumors using multifunctional dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , 2013 , 34, 5200-9	15.6	194
270	Computed tomography imaging of cancer cells using acetylated dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , 2011 , 32, 2979-88	15.6	191
269	Silica-Coated Manganese Oxide Nanoparticles as a Platform for Targeted Magnetic Resonance and Fluorescence Imaging of Cancer Cells. <i>Advanced Functional Materials</i> , 2010 , 20, 1733-1741	15.6	186
268	Folic acid-modified dendrimer-entrapped gold nanoparticles as nanoprobes for targeted CT imaging of human lung adenocarcinoma. <i>Biomaterials</i> , 2013 , 34, 470-80	15.6	178
267	Encapsulation of 2-methoxyestradiol within multifunctional poly(amidoamine) dendrimers for targeted cancer therapy. <i>Biomaterials</i> , 2011 , 32, 3322-9	15.6	170
266	Facile immobilization of gold nanoparticles into electrospun polyethyleneimine/polyvinyl alcohol nanofibers for catalytic applications. <i>Journal of Materials Chemistry</i> , 2011 , 21, 4493		164
265	Targeted cancer theranostics using alpha-tocopheryl succinate-conjugated multifunctional dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , 2014 , 35, 7635-46	15.6	158
264	Efficient catalytic reduction of hexavalent chromium using palladium nanoparticle-immobilized electrospun polymer nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 3054-61	9.5	157
263	Dendrimer-based organic/inorganic hybrid nanoparticles in biomedical applications. <i>Nanoscale</i> , 2010 , 2, 1596-610	7.7	154
262	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, 6393-401	9.5	151
261	Synthesis, characterization, and intracellular uptake of carboxyl-terminated poly(amidoamine) dendrimer-stabilized iron oxide nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 5712-20	3.6	149
260	Tungsten oxide nanorods: an efficient nanoplatform for tumor CT imaging and photothermal therapy. <i>Scientific Reports</i> , 2014 , 4, 3653	4.9	145
259	Laponite nanodisks as an efficient platform for Doxorubicin delivery to cancer cells. <i>Langmuir</i> , 2013 , 29, 5030-6	4	145
258	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	9.5	140
257	Multifunctional dendrimer-modified multiwalled carbon nanotubes: synthesis, characterization, and in vitro cancer cell targeting and imaging. <i>Biomacromolecules</i> , 2009 , 10, 1744-50	6.9	135
256	Dendrimer-based nanodevices for targeted drug delivery applications. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 4199-4211	7.3	134
255	Redox-responsive alginate nanogels with enhanced anticancer cytotoxicity. <i>Biomacromolecules</i> , 2013 , 14, 3140-6	6.9	134
254	Targeted delivery of doxorubicin into cancer cells using a folic acid-dendrimer conjugate. <i>Polymer Chemistry</i> , 2011 , 2, 1754	4.9	126

253	Improved biocompatibility of surface functionalized dendrimer-entrapped gold nanoparticles. <i>Soft Matter</i> , 2006 , 3, 71-74	3.6	125
252	Dendrimer-based molecular imaging contrast agents. <i>Progress in Polymer Science</i> , 2015 , 44, 1-27	29.6	122
251	Dendrimers in combination with natural products and analogues as anti-cancer agents. <i>Chemical Society Reviews</i> , 2018 , 47, 514-532	58.5	122
250	RGD peptide-modified dendrimer-entrapped gold nanoparticles enable highly efficient and specific gene delivery to stem cells. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4833-43	9.5	121
249	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		120
248	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	5.1	120
247	Improved cellular response on multiwalled carbon nanotube-incorporated electrospun polyvinyl alcohol/chitosan nanofibrous scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 84, 528-35	6	118
246	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, 16416-25	9.5	116
245	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, 10357-66	9.5	116
244	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, 3949-56	7.8	111
243	Lactobionic acid-modified dendrimer-entrapped gold nanoparticles for targeted computed tomography imaging of human hepatocellular carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 6944-53	9.5	107
242	Antitumor efficacy of doxorubicin-loaded electrospun nano-hydroxyapatite/poly(lactic-co-glycolic acid) composite nanofibers. <i>Polymer Chemistry</i> , 2013 , 4, 933-941	4.9	107
241	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, 4584-93	11	107
240	Characterization of crystalline dendrimer-stabilized gold nanoparticles. <i>Nanotechnology</i> , 2006 , 17, 1072-1078	3.4	106
239	Spontaneous Formation of Functionalized Dendrimer-Stabilized Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2009 , 112, 8251-8258	3.8	105
238	Facile one-pot preparation, surface functionalization, and toxicity assay of APTS-coated iron oxide nanoparticles. <i>Nanotechnology</i> , 2012 , 23, 105601	3.4	104
237	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		104
236	RGD-functionalized ultrasmall iron oxide nanoparticles for targeted T ₂ -weighted MR imaging of gliomas. <i>Nanoscale</i> , 2015 , 7, 14538-46	7.7	95

235	Synthesis and characterization of PEGylated polyethylenimine-entrapped gold nanoparticles for blood pool and tumor CT imaging. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 17190-9	9.5	94
234	UTMD-Promoted Co-Delivery of Gemcitabine and miR-21 Inhibitor by Dendrimer-Entrapped Gold Nanoparticles for Pancreatic Cancer Therapy. <i>Theranostics</i> , 2018 , 8, 1923-1939	12.1	92
233	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, 28325	4.9	89
232	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, 1267-76	10.1	89
231	Chlorotoxin-Conjugated Multifunctional Dendrimers Labeled with Radionuclide ¹³¹ I for Single Photon Emission Computed Tomography Imaging and Radiotherapy of Gliomas. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 19798-808	9.5	86
230	Targeted tumor computed tomography imaging using low-generation dendrimer-stabilized gold nanoparticles. <i>Chemistry - A European Journal</i> , 2013 , 19, 6409-16	4.8	86
229	Targeted tumor CT imaging using folic acid-modified PEGylated dendrimer-entrapped gold nanoparticles. <i>Polymer Chemistry</i> , 2013 , 4, 4412	4.9	85
228	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		82
227	Influence of dendrimer surface charge on the bioactivity of 2-methoxyestradiol complexed with dendrimers. <i>Soft Matter</i> , 2010 , 6, 2539-2545	3.6	81
226	Acetylation of dendrimer-entrapped gold and silver nanoparticles. <i>Journal of Materials Chemistry</i> , 2008 , 18, 586-593		81
225	Dendrimer-Modified MoS Nanoflakes as a Platform for Combinational Gene Silencing and Photothermal Therapy of Tumors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15995-16005	9.5	80
224	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	3.5	79
223	Hyaluronic acid-modified multiwalled carbon nanotubes for targeted delivery of doxorubicin into cancer cells. <i>Carbohydrate Research</i> , 2015 , 405, 70-7	2.9	78
222	Facile formation of dendrimer-stabilized gold nanoparticles modified with diatrizoic acid for enhanced computed tomography imaging applications. <i>Nanoscale</i> , 2012 , 4, 6768-78	7.7	76
221	(^{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, 19883-91	9.5	75
220	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	6	75
219	Dendrimer-based magnetic iron oxide nanoparticles: their synthesis and biomedical applications. <i>Drug Discovery Today</i> , 2016 , 21, 1873-1885	8.8	74
218	Amphiphilic polymer-mediated formation of laponite-based nanohybrids with robust stability and pH sensitivity for anticancer drug delivery. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 16687-95	9.5	73

217	Dendrimer-Stabilized Gold Nanoflowers Embedded with Ultrasmall Iron Oxide Nanoparticles for Multimode Imaging-Guided Combination Therapy of Tumors. <i>Advanced Science</i> , 2018 , 5, 1801612	13.6	73
216	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	2.9	72
215	Effect of Processing Variables on the Morphology of Electrospun Poly[(lactic acid)-co-(glycolic acid)] Nanofibers. <i>Macromolecular Materials and Engineering</i> , 2009 , 294, 666-672	3.9	72
214	Conjugation of iron oxide nanoparticles with RGD-modified dendrimers for targeted tumor MR imaging. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 5420-8	9.5	71
213	Synthesis of PEGylated low generation dendrimer-entrapped gold nanoparticles for CT imaging applications. <i>Nanoscale</i> , 2014 , 6, 4521-6	7.7	70
212	Enhanced X-ray attenuation property of dendrimer-entrapped gold nanoparticles complexed with diatrizoic acid. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5120		70
211	Polyelectrolyte multilayer-assisted immobilization of zero-valent iron nanoparticles onto polymer nanofibers for potential environmental applications. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 2848-55	9.5	69
210	pH sensitive Laponite/alginate hybrid hydrogels: swelling behaviour and release mechanism. <i>Soft Matter</i> , 2011 , 7, 6231	3.6	68
209	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	10.1	68
208	Dendrimer-assisted formation of fluorescent nanogels for drug delivery and intracellular imaging. <i>Biomacromolecules</i> , 2014 , 15, 492-9	6.9	67
207	Hydrothermal Synthesis and Functionalization of Iron Oxide Nanoparticles for MR Imaging Applications. <i>Particle and Particle Systems Characterization</i> , 2014 , 31, 1223-1237	3.1	67
206	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	9.5	66
205	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	7.3	64
204	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. <i>Nano Letters</i> , 2019 , 19, 1216-1226	11.5	62
203	Folic acid-modified laponite nanodisks for targeted anticancer drug delivery. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 7410-7418	7.3	61
202	Enhanced dechlorination of trichloroethylene using electrospun polymer nanofibrous mats immobilized with iron/palladium bimetallic nanoparticles. <i>Journal of Hazardous Materials</i> , 2012 , 211-212, 349-56	12.8	61
201	Synthesis of polyethyleneimine-stabilized gold nanoparticles for colorimetric sensing of heparin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013 , 419, 80-86	5.1	60
200	Surface modification and PEGylation of branched polyethyleneimine for improved biocompatibility. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 3807-3813	2.9	60

199	Acetylation of dendrimer-entrapped gold nanoparticles: Synthesis, stability, and X-ray attenuation properties. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 1673-1682	2.9	60
198	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 ⁶⁰	4	60
197	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	7.4	58
196	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	6	58
195	Construction of Electrospun Organic/Inorganic Hybrid Nanofibers for Drug Delivery and Tissue Engineering Applications. <i>Advanced Fiber Materials</i> , 2019 , 1, 32-45	10.9	56
194	Multifunctional PEI-entrapped gold nanoparticles enable efficient delivery of therapeutic siRNA into glioblastoma cells. <i>Biomaterials Science</i> , 2017 , 5, 258-266	7.4	55
193	Facile synthesis of RGD peptide-modified iron oxide nanoparticles with ultrahigh relaxivity for targeted MR imaging of tumors. <i>Biomaterials Science</i> , 2015 , 3, 721-32	7.4	55
192	An RGD-modified hollow silica@Au core/shell nanoplatfor for tumor combination therapy. <i>Acta Biomaterialia</i> , 2017 , 62, 273-283	10.8	55
191	Radionuclide (131)I-labeled multifunctional dendrimers for targeted SPECT imaging and radiotherapy of tumors. <i>Nanoscale</i> , 2015 , 7, 18169-78	7.7	54
190	Design of electrospun nanofibrous mats for osteogenic differentiation of mesenchymal stem cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 2505-2520	6	54
189	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	6	54
188	Gd-/CuS-Loaded Functional Nanogels for MR/PA Imaging-Guided Tumor-Targeted Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9107-9117	9.5	53
187	Facile hydrothermal synthesis of low generation dendrimer-stabilized gold nanoparticles for in vivo computed tomography imaging applications. <i>Polymer Chemistry</i> , 2013 , 4, 1788	4.9	53
186	Polyaniline-loaded Epolyglutamic acid nanogels as a platform for photoacoustic imaging-guided tumor photothermal therapy. <i>Nanoscale</i> , 2017 , 9, 12746-12754	7.7	53
185	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	7.3	52
184	The assembly of dendrimer-stabilized gold nanoparticles onto electrospun polymer nanofibers for catalytic applications. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2323	13	52
183	Doxorubicin-Conjugated PAMAM Dendrimers for pH-Responsive Drug Release and Folic Acid-Targeted Cancer Therapy. <i>Pharmaceutics</i> , 2018 , 10,	6.4	51
182	Dendrimer-entrapped gold nanoparticles modified with folic acid for targeted gene delivery applications. <i>Biomaterials Science</i> , 2013 , 1, 1172-1180	7.4	50

181	Capillary electrophoresis of poly(amidoamine) dendrimers: from simple derivatives to complex multifunctional medical nanodevices. <i>Molecular Pharmaceutics</i> , 2005 , 2, 278-94	5.6	50
180	Partially PEGylated dendrimer-entrapped gold nanoparticles: a promising nanoplatform for highly efficient DNA and siRNA delivery. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 2933-2943	7.3	49
179	Ultrasmall iron oxide nanoparticles: synthesis, surface modification, assembly, and biomedical applications. <i>Drug Discovery Today</i> , 2019 , 24, 835-844	8.8	49
178	Gadolinium-Loaded Poly(N-vinylcaprolactam) Nanogels: Synthesis, Characterization, and Application for Enhanced Tumor MR Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 3411-3418	9.5	48
177	Encapsulation of doxorubicin within multifunctional gadolinium-loaded dendrimer nanocomplexes for targeted theranostics of cancer cells. <i>RSC Advances</i> , 2015 , 5, 30286-30296	3.7	48
176	Zwitterion-coated ultrasmall iron oxide nanoparticles for enhanced T-weighted magnetic resonance imaging applications. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7267-7273	7.3	47
175	Targeted doxorubicin delivery to hepatocarcinoma cells by lactobionic acid-modified laponite nanodisks. <i>New Journal of Chemistry</i> , 2015 , 39, 2847-2855	3.6	46
174	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	14.7	46
173	Zwitterion-functionalized dendrimer-entrapped gold nanoparticles for serum-enhanced gene delivery to inhibit cancer cell metastasis. <i>Acta Biomaterialia</i> , 2019 , 99, 320-329	10.8	45
172	Efficient delivery of therapeutic siRNA into glioblastoma cells using multifunctional dendrimer-entrapped gold nanoparticles. <i>Nanomedicine</i> , 2016 , 11, 3103-3115	5.6	45
171	Enhanced Delivery of Therapeutic siRNA into Glioblastoma Cells Using Dendrimer-Entrapped Gold Nanoparticles Conjugated with β -Cyclodextrin. <i>Nanomaterials</i> , 2018 , 8,	5.4	45
170	Effect of surface charge of polyethyleneimine-modified multiwalled carbon nanotubes on the improvement of polymerase chain reaction. <i>Nanoscale</i> , 2011 , 3, 1741-7	7.7	45
169	Dendrimer-based strategies for cancer therapy: Recent advances and future perspectives. <i>Science China Materials</i> , 2018 , 61, 1387-1403	7.1	44
168	Hyaluronic Acid-Functionalized Electrospun Polyvinyl Alcohol/Polyethyleneimine Nanofibers for Cancer Cell Capture Applications. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1500256	4.6	44
167	(131)I-labeled multifunctional dendrimers modified with BmK CT for targeted SPECT imaging and radiotherapy of gliomas. <i>Nanomedicine</i> , 2016 , 11, 1253-66	5.6	43
166	Impact of dendrimer surface functional groups on the release of doxorubicin from dendrimer carriers. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 1696-706	3.4	43
165	Antifouling Manganese Oxide Nanoparticles: Synthesis, Characterization, and Applications for Enhanced MR Imaging of Tumors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 47-53	9.5	42
164	Facile synthesis of hyaluronic acid-modified FeO/Au composite nanoparticles for targeted dual mode MR/CT imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 9098-9108	7.3	41

163	Superstructured poly(amidoamine) dendrimer-based nanoconstructs as platforms for cancer nanomedicine: A concise review. <i>Coordination Chemistry Reviews</i> , 2020 , 421, 213463	23.2	41
162	Multifunctional dendrimers modified with alpha-tocopheryl succinate for targeted cancer therapy. <i>MedChemComm</i> , 2014 , 5, 879-885	5	41
161	Targeted Tumor Hypoxia Dual-Mode CT/MR Imaging and Enhanced Radiation Therapy Using Dendrimer-Based Nanosensitizers. <i>Advanced Functional Materials</i> , 2020 , 30, 1909285	15.6	40
160	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	7.7	40
159	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	7.4	39
158	Dendrimer-functionalized electrospun cellulose acetate nanofibers for targeted cancer cell capture applications. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 7384-7393	7.3	39
157	Multifunctional dendrimer/combretastatin A4 inclusion complexes enable in vitro targeted cancer therapy. <i>International Journal of Nanomedicine</i> , 2011 , 6, 2337-49	7.3	39
156	Design of dual drug-loaded dendrimer/carbon dot nanohybrids for fluorescence imaging and enhanced chemotherapy of cancer cells. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 277-285	7.3	38
155	Design and Biomedical Applications of Poly(amidoamine)-Dendrimer-Based Hybrid Nanoarchitectures. <i>Small Methods</i> , 2017 , 1, 1700224	12.8	38
154	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	7.3	37
153	Bench-to-bedside translation of dendrimers: Reality or utopia? A concise analysis. <i>Advanced Drug Delivery Reviews</i> , 2018 , 136-137, 73-81	18.5	37
152	Radiotherapy-Sensitized Tumor Photothermal Ablation Using Polyglutamic Acid Nanogels Loaded with Polypyrrole. <i>Biomacromolecules</i> , 2018 , 19, 2034-2042	6.9	36
151	PEGylated polyethylenimine-entrapped gold nanoparticles loaded with gadolinium for dual-mode CT/MR imaging applications. <i>Nanomedicine</i> , 2016 , 11, 1639-52	5.6	36
150	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	7.3	36
149	Polyethyleneimine-Coated Manganese Oxide Nanoparticles for Targeted Tumor PET/MR Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34954-34964	9.5	36
148	A Microfluidic Chip Integrated with Hyaluronic Acid-Functionalized Electrospun Chitosan Nanofibers for Specific Capture and Nondestructive Release of CD44-Overexpressing Circulating Tumor Cells. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1081-1090	6.3	35
147	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	1.7	35
146	Ultrasound-enhanced fluorescence imaging and chemotherapy of multidrug-resistant tumors using multifunctional dendrimer/carbon dot nanohybrids. <i>Bioactive Materials</i> , 2021 , 6, 729-739	16.7	35

145	A promising dual mode SPECT/CT imaging platform based on Tc-labeled multifunctional dendrimer-entrapped gold nanoparticles. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 3810-3815	7.3	34
144	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	7.3	34
143	Immobilization of iron oxide nanoparticles within alginate nanogels for enhanced MR imaging applications. <i>Biomaterials Science</i> , 2016 , 4, 1422-30	7.4	34
142	Light-Addressable Nanoclusters of Ultrasmall Iron Oxide Nanoparticles for Enhanced and Dynamic Magnetic Resonance Imaging of Arthritis. <i>Advanced Science</i> , 2019 , 6, 1901800	13.6	34
141	Dendrimer-stabilized silver nanoparticles enable efficient colorimetric sensing of mercury ions in aqueous solution. <i>Analytical Methods</i> , 2013 , 5, 5486	3.2	34
140	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, 2897-903	5	34
139	LAPONITE [®] -stabilized iron oxide nanoparticles for in vivo MR imaging of tumors. <i>Biomaterials Science</i> , 2016 , 4, 474-82	7.4	33
138	SPECT/CT imaging of chemotherapy-induced tumor apoptosis using Tc-labeled dendrimer-entrapped gold nanoparticles. <i>Drug Delivery</i> , 2018 , 25, 1384-1393	7	33
137	Multifunctional PEGylated multiwalled carbon nanotubes for enhanced blood pool and tumor MR imaging. <i>Advanced Healthcare Materials</i> , 2014 , 3, 1568-77, 1525	10.1	33
136	Dendrimer-entrapped gold nanoparticles modified with β -cyclodextrin for enhanced gene delivery applications. <i>RSC Advances</i> , 2016 , 6, 25633-25640	3.7	33
135	LAPONITE-Polyethylenimine Based Theranostic Nanoplatform for Tumor-Targeting CT Imaging and Chemotherapy. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 431-442	5.5	32
134	Ultrastable polyethyleneimine-stabilized gold nanoparticles modified with polyethylene glycol for blood pool, lymph node and tumor CT imaging. <i>Nanoscale</i> , 2016 , 8, 5567-77	7.7	32
133	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	5.1	32
132	Polyethylenimine-Based Nanogels for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2019 , 19, e1900272	5.5	31
131	Design of functional electrospun nanofibers for cancer cell capture applications. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 1420-1432	7.3	31
130	Enhanced decoloration efficacy of electrospun polymer nanofibers immobilized with Fe/Ni bimetallic nanoparticles. <i>RSC Advances</i> , 2013 , 3, 6455	3.7	31
129	Multifunctional PVCL nanogels with redox-responsiveness enable enhanced MR imaging and ultrasound-promoted tumor chemotherapy. <i>Theranostics</i> , 2020 , 10, 4349-4358	12.1	30
128	Cu-Labeled multifunctional dendrimers for targeted tumor PET imaging. <i>Nanoscale</i> , 2018 , 10, 6113-6124	7.7	30

127	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	7.3	29
126	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	29
125	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	7.7	29
124	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	17.9	29
123	Partially Acetylated Dendrimer-Entrapped Gold Nanoparticles with Reduced Cytotoxicity for Gene Delivery Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 4094-105	1.3	28
122	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	6.3	28
121	Hyaluronic acid-modified manganese-chelated dendrimer-entrapped gold nanoparticles for the targeted CT/MR dual-mode imaging of hepatocellular carcinoma. <i>Scientific Reports</i> , 2016 , 6, 33844	4.9	28
120	Poly(amidoamine) dendrimer-enabled simultaneous stabilization and functionalization of electrospun poly(γ -glutamic acid) nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 2153-61	9.5	27
119	Facile synthesis and functionalization of manganese oxide nanoparticles for targeted T1-weighted tumor MR imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 506-13	6	26
118	PAMAM Dendrimer-Based Nanodevices for Nuclear Medicine Applications. <i>Macromolecular Bioscience</i> , 2020 , 20, e1900282	5.5	26
117	Redox-Sensitive Clustered Ultrasmall Iron Oxide Nanoparticles for Switchable T1/T2-Weighted Magnetic Resonance Imaging Applications. <i>Bioconjugate Chemistry</i> , 2020 , 31, 352-359	6.3	26
116	Formation of iron oxide nanoparticle-loaded γ -polyglutamic acid nanogels for MR imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 8684-8693	7.3	25
115	LDH-stabilized ultrasmall iron oxide nanoparticles as a platform for hyaluronidase-promoted MR imaging and chemotherapy of tumors. <i>Theranostics</i> , 2020 , 10, 2791-2802	12.1	25
114	Gd-Chelated poly(propylene imine) dendrimers with densely organized maltose shells for enhanced MR imaging applications. <i>Biomaterials Science</i> , 2016 , 4, 1622-1629	7.4	25
113	Selective removal of mercury ions using thymine-grafted electrospun polymer nanofibers. <i>New Journal of Chemistry</i> , 2014 , 38, 1533-1539	3.6	25
112	Facile Formation of Gold-Nanoparticle-Loaded γ -Polyglutamic Acid Nanogels for Tumor Computed Tomography Imaging. <i>Bioconjugate Chemistry</i> , 2017 , 28, 2692-2697	6.3	25
111	Multifunctional Gadolinium-Doped Manganese Carbonate Nanoparticles for Targeted MR/Fluorescence Imaging of Tiny Brain Gliomas. <i>Analytical Chemistry</i> , 2015 , 87, 6251-7	7.8	25
110	Dendrimers toward Translational Nanotherapeutics: Concise Key Step Analysis. <i>Bioconjugate Chemistry</i> , 2020 , 31, 2060-2071	6.3	25

109	Polydopamine-coated magnetic mesoporous silica nanoparticles for multimodal cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 368-372	7.3	24
108	Revisiting Cationic Phosphorus Dendrimers as a Nonviral Vector for Optimized Gene Delivery Toward Cancer Therapy Applications. <i>Biomacromolecules</i> , 2020 , 21, 2502-2511	6.9	24
107	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	6.3	24
106	Negative Isolation of Circulating Tumor Cells Using a Microfluidic Platform Integrated with Streptavidin-Functionalized PLGA Nanofibers. <i>Advanced Fiber Materials</i> , 2021 , 3, 192-202	10.9	24
105	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	14.3	23
104	Dendrimer-Enabled Therapeutic Antisense Delivery Systems as Innovation in Medicine. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1938-1950	6.3	23
103	Exploration of biomedical dendrimer space based on in-vitro physicochemical parameters: key factor analysis (Part 1). <i>Drug Discovery Today</i> , 2019 , 24, 1176-1183	8.8	23
102	Phosphorus dendrimer-based copper(II) complexes enable ultrasound-enhanced tumor theranostics. <i>Nano Today</i> , 2020 , 33, 100899	17.9	23
101	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, e200566 ¹¹		23
100	Exploration of biomedical dendrimer space based on in-vivo physicochemical parameters: Key factor analysis (Part 2). <i>Drug Discovery Today</i> , 2019 , 24, 1184-1192	8.8	22
99	Stem cell-mediated delivery of nanogels loaded with ultrasmall iron oxide nanoparticles for enhanced tumor MR imaging. <i>Nanoscale</i> , 2019 , 11, 4904-4910	7.7	22
98	Capturing hepatocellular carcinoma cells using lactobionic acid-functionalized electrospun polyvinyl alcohol/polyethyleneimine nanofibers. <i>RSC Advances</i> , 2015 , 5, 70439-70447	3.7	22
97	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	7.3	21
96	Recent therapeutic applications of the theranostic principle with dendrimers in oncology. <i>Science China Materials</i> , 2018 , 61, 1367-1386	7.1	21
95	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	9.5	21
94	Adoptive cellular immunotherapy of tumors via effective CpG delivery to dendritic cells using dendrimer-entrapped gold nanoparticles as a gene vector. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 5052-5063 ²⁰	7.3	20
93	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	7.8	20
92	PEGylated dendrimer-entrapped gold nanoparticles with low immunogenicity for targeted gene delivery. <i>RSC Advances</i> , 2018 , 8, 1265-1273	3.7	20

91	Multi-Responsive Biodegradable Cationic Nanogels for Highly Efficient Treatment of Tumors. <i>Advanced Functional Materials</i> , 2021 , 31, 2100227	15.6	20
90	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	7.3	20
89	New Ways to Treat Tuberculosis Using Dendrimers as Nanocarriers. <i>Pharmaceutics</i> , 2018 , 10,	6.4	19
88	Alpha-Tocopheryl Succinate-Conjugated G5 PAMAM Dendrimer Enables Effective Inhibition of Ulcerative Colitis. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700276	10.1	18
87	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	7.3	18
86	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	6.9	18
85	Structural characterization of PEGylated polyethylenimine-entrapped gold nanoparticles: an NMR study. <i>Analyst, The</i> , 2016 , 141, 5390-7	5	18
84	Zwitterionic Modification of Nanomaterials for Improved Diagnosis of Cancer Cells. <i>Bioconjugate Chemistry</i> , 2019 , 30, 2519-2527	6.3	17
83	Antitumor efficacy of doxorubicin encapsulated within PEGylated poly(amidoamine) dendrimers. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	17
82	Doxorubicin Encapsulated in TPGS-Modified 2D-Nanodisks Overcomes Multidrug Resistance. <i>Chemistry - A European Journal</i> , 2020 , 26, 2470-2477	4.8	17
81	Facile preparation of hyaluronic acid-modified Fe ₃ O ₄ @Mn ₃ O ₄ nanocomposites for targeted T1/T2 dual-mode MR imaging of cancer cells. <i>RSC Advances</i> , 2016 , 6, 35295-35304	3.7	17
80	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	9.5	17
79	Capturing cancer cells using hyaluronic acid-immobilized electrospun random or aligned PLA nanofibers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 583, 123978	5.1	16
78	Poly(Eglutamic acid)-stabilized iron oxide nanoparticles: synthesis, characterization and applications for MR imaging of tumors. <i>RSC Advances</i> , 2015 , 5, 76700-76707	3.7	16
77	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	7.3	16
76	A unique nanogel-based platform for enhanced dual mode tumor MR/CT imaging. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 4835-4842	7.3	16
75	Facile Synthesis of Gd(OH) ₃ -Doped Fe ₃ O ₄ Nanoparticles for Dual-Mode T1- and T2-Weighted Magnetic Resonance Imaging Applications. <i>Particle and Particle Systems Characterization</i> , 2015 , 32, 934-943	3.1	16
74	Macrophage Membrane-Camouflaged Responsive Polymer Nanogels Enable Magnetic Resonance Imaging-Guided Chemotherapy/Chemodynamic Therapy of Orthotopic Glioma. <i>ACS Nano</i> , 2021 ,	16.7	16

73	Non-invasive intranasal administration route directly to the brain using dendrimer nanoplatforms: An opportunity to develop new CNS drugs. <i>European Journal of Medicinal Chemistry</i> , 2021 , 209, 112905	6.8	15
72	Dendrimer-decorated nanogels: Efficient nanocarriers for biodistribution and chemotherapy of ovarian carcinoma. <i>Bioactive Materials</i> , 2021 , 6, 3244-3253	16.7	15
71	Poly(amidoamine) Dendrimers Modified with 1,2-Epoxyhexane or 1,2-Epoxydodecane for Enhanced Gene Delivery Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 10134-40	1.3	14
70	Poly(amidoamine) Dendrimer-Gold Nanohybrids in Cancer Gene Therapy: A Concise Overview.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 5590-5605	4.1	14
69	Intelligent Molybdenum Disulfide Complexes as a Platform for Cooperative Imaging-Guided Tri-Mode Chemo-Photothermo-Immunotherapy. <i>Advanced Science</i> , 2021 , 8, e2100165	13.6	14
68	Specific capture and release of circulating tumor cells using a multifunctional nanofiber-integrated microfluidic chip. <i>Nanomedicine</i> , 2019 , 14, 183-199	5.6	14
67	Influence of size, crosslinking degree and surface structure of poly(N-vinylcaprolactam)-based microgels on their penetration into multicellular tumor spheroids. <i>Biomaterials Science</i> , 2019 , 7, 4738-4747	7.4	13
66	Zwitterionic Polydopamine-Coated Manganese Oxide Nanoparticles with Ultrahigh Longitudinal Relaxivity for Tumor-Targeted MR Imaging. <i>Langmuir</i> , 2019 , 35, 4336-4341	4	13
65	Immobilization of polyethyleneimine-templated silver nanoparticles onto filter paper for catalytic applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 571, 44-49	5.1	13
64	Hyaluronic Acid-Decorated Laponite Nanocomposites for Targeted Anticancer Drug Delivery. <i>Polymers</i> , 2019 , 11,	4.5	13
63	Acetylated Polyethylenimine-Entrapped Gold Nanoparticles Enable Negative Computed Tomography Imaging of Orthotopic Hepatic Carcinoma. <i>Langmuir</i> , 2018 , 34, 8701-8707	4	13
62	The assembly of polyethyleneimine-entrapped gold nanoparticles onto filter paper for catalytic applications. <i>RSC Advances</i> , 2015 , 5, 104239-104244	3.7	13
61	Fibronectin-Coated Metal-Phenolic Networks for Cooperative Tumor Chemo-/Chemodynamic/Immune Therapy via Enhanced Ferroptosis-Mediated Immunogenic Cell Death.. <i>ACS Nano</i> , 2022 ,	16.7	13
60	Tc-Labeled Polyethylenimine-Entrapped Gold Nanoparticles with pH-Responsive Charge Conversion Property for Enhanced Dual Mode SPECT/CT Imaging of Cancer Cells. <i>Langmuir</i> , 2019 , 35, 13405-13412	4	12
59	Branched polyethyleneimine modified with hyaluronic acid via a PEG spacer for targeted anticancer drug delivery. <i>RSC Advances</i> , 2016 , 6, 9232-9239	3.7	12
58	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> , 2021 , e2107009	24	12
57	Enhanced CT imaging of human laryngeal squamous carcinoma and indirect CT lymphography imaging using PEGylated PAMAM G5NH ₂ -entrapped gold nanoparticles as contrast agent. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 497, 194-204	5.1	12
56	Comparative study of resazurin reduction and MTT assays for cytocompatibility evaluation of nanofibrous materials. <i>Analytical Methods</i> , 2019 , 11, 483-489	3.2	11

55	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	3.1	11
54	Dendrimer-entrapped metal colloids as imaging agents. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015 , 7, 678-90	9.2	11
53	The gene transfection and endocytic uptake pathways mediated by PEGylated PEI-entrapped gold nanoparticles. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 2558-2567	5.9	11
52	A polydopamine-coated LAPONITE [®] -stabilized iron oxide nanoplatfor for targeted multimodal imaging-guided photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 3856-3864	7.3	10
51	A Dendrimer-Based Dual Radiodense Element-Containing Nanoplatform for Targeted Enhanced Tumor Computed Tomography Imaging. <i>Langmuir</i> , 2020 , 36, 3096-3103	4	10
50	Engineered non-invasive functionalized dendrimer/dendron-entrapped/complexed gold nanoparticles as a novel class of theranostic (radio)pharmaceuticals in cancer therapy. <i>Journal of Controlled Release</i> , 2021 , 332, 346-366	11.7	10
49	Multifunctional PLGA microfibrrous rings enable MR imaging-guided tumor chemotherapy and metastasis inhibition through prevention of circulating tumor cell shedding. <i>Nano Today</i> , 2021 , 38, 101123	17.9	10
48	Dendrimer-functionalized LAPONITE [®] nanodisks loaded with gadolinium for T1-weighted MR imaging applications. <i>RSC Advances</i> , 2016 , 6, 95112-95119	3.7	10
47	Performing a catalysis reaction on filter paper: development of a metal palladium nanoparticle-based catalyst. <i>Nanoscale Advances</i> , 2019 , 1, 342-346	5.1	10
46	Dual-mode endogenous and exogenous sensitization of tumor radiotherapy through antifouling dendrimer-entrapped gold nanoparticles. <i>Theranostics</i> , 2021 , 11, 1721-1731	12.1	10
45	Magnetic Resonance Imaging of the Human Ferritin Heavy Chain Reporter Gene Carried by Dendrimer-Entrapped Gold Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2019 , 15, 518-530	4	9
44	Polyethylenimine-Assisted Generation of Optical Nanoprobes for Biosensing Applications.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 3935-3955	4.1	9
43	Folic acid-modified Laponite [®] -stabilized Fe ₃ O ₄ nanoparticles for targeted T2-weighted MR imaging of tumor. <i>Applied Clay Science</i> , 2020 , 186, 105447	5.2	9
42	I-Labeled Multifunctional Polyphosphazene Nanospheres for SPECT Imaging-Guided Radiotherapy of Tumors. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1901299	10.1	9
41	PLGA Hollow Microbubbles Loaded with Iron Oxide Nanoparticles and Doxorubicin for Dual-mode US/MR Imaging and Drug Delivery. <i>Current Nanoscience</i> , 2014 , 10, 543-552	1.4	9
40	Polydopamine-Coated Laponite Nanoplatforms for Photoacoustic Imaging-Guided Chemo-Phototherapy of Breast Cancer. <i>Nanomaterials</i> , 2021 , 11,	5.4	9
39	Dendrimer-based nanohybrids in cancer photomedicine. <i>Materials Today Bio</i> , 2021 , 10, 100111	9.9	9
38	Safe and efficient 2D molybdenum disulfide platform for cooperative imaging-guided photothermal-selective chemotherapy: A preclinical study.. <i>Journal of Advanced Research</i> , 2022 , 37, 255-266	13	9

37	Catalytic Reduction of Hexavalent Chromium Using Iron/Palladium Bimetallic Nanoparticle-Assembled Filter Paper. <i>Nanomaterials</i> , 2019 , 9,	5.4	8
36	"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	9.5	8
35	Gene silencing-mediated immune checkpoint blockade for tumor therapy boosted by dendrimer-entrapped gold nanoparticles. <i>Science China Materials</i> , 2021 , 64, 2045-2055	7.1	8
34	Core-Shell Tecto Dendrimers Enable Enhanced Tumor MR Imaging through an Amplified EPR Effect. <i>Biomacromolecules</i> , 2021 , 22, 2181-2188	6.9	8
33	Facile Synthesis of Amphiphilic Fluorescent Phosphorus Dendron-Based Micelles as Antiproliferative Agents: First Investigations. <i>Bioconjugate Chemistry</i> , 2021 , 32, 339-349	6.3	8
32	One-Step Loading of Gold and GdO Nanoparticles within PEGylated Polyethylenimine for Dual Mode Computed Tomography/Magnetic Resonance Imaging of Tumors.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 221-225	4.1	7
31	Phosphorus dendrimers as powerful nanoplatforms for drug delivery, as fluorescent probes and for liposome interaction studies: A concise overview. <i>European Journal of Medicinal Chemistry</i> , 2020 , 208, 112788	6.8	7
30	A Dual-Responsive Platform Based on Antifouling Dendrimer-CuS Nanohybrids for Enhanced Tumor Delivery and Combination Therapy.. <i>Small Methods</i> , 2021 , 5, e2100204	12.8	7
29	Interaction of dendrimers with the immune system: An insight into cancer nanotheranostics. <i>View</i> , 2021 , 2, 20200120	7.8	7
28	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	12.1	7
27	Overcoming T Cell Exhaustion via Immune Checkpoint Modulation with a Dendrimer-Based Hybrid Nanocomplex. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100833	10.1	7
26	Multifunctional Core-Shell Tecto Dendrimers Incorporated with Gold Nanoparticles for Targeted Dual Mode CT/MR Imaging of Tumors.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 1803-1812	4.1	7
25	Synthesis and Shaping of Core-Shell Tecto Dendrimers for Biomedical Applications. <i>Bioconjugate Chemistry</i> , 2021 , 32, 225-233	6.3	7
24	Engineered cancer cell membranes: An emerging agent for efficient cancer theranostics. <i>Exploration</i> , 20210171		6
23	Two-dimensional LDH nanodisks modified with hyaluronidase enable enhanced tumor penetration and augmented chemotherapy. <i>Science China Chemistry</i> , 2021 , 64, 817-826	7.9	6
22	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	3.6	6
21	Construction of Poly(amidoamine) Dendrimer/Carbon Dot Nanohybrids for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2021 , 21, e2100007	5.5	6
20	Ga-labeled dendrimer-entrapped gold nanoparticles for PET/CT dual-modality imaging and immunotherapy of tumors.. <i>Journal of Materials Chemistry B</i> , 2022 ,	7.3	6

19	Colorimetric detection of Cr ions in aqueous solution using poly(γ -glutamic acid)-stabilized gold nanoparticles. <i>Analytical Methods</i> , 2020 , 12, 3145-3150	3.2	5
18	Electrospun attapulgite-doped poly(lactic-co-glycolic acid) nanofibers for osteogenic differentiation of human mesenchymal stem cells. <i>Journal of Controlled Release</i> , 2015 , 213, e146	11.7	5
17	Low-Molecular-Weight Poly(ethylenimine) Nanogels Loaded with Ultrasmall Iron Oxide Nanoparticles for -Weighted MR Imaging-Guided Gene Therapy of Sarcoma. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 27806-27813	9.5	5
16	Characterization of zwitterion-modified poly(amidoamine) dendrimers in aqueous solution via a thorough NMR investigation. <i>European Physical Journal E</i> , 2020 , 43, 7	1.5	4
15	Nanogels as Contrast Agents for Molecular Imaging. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 547-557	4.9	4
14	Cancer nanomedicine based on polyethylenimine-mediated multifunctional nanosystems. <i>Progress in Materials Science</i> , 2021 , 100871	42.2	4
13	Tumor-Anchoring Drug-Loaded Fibrous Microspheres for MR Imaging-Guided Local Chemotherapy and Metastasis Inhibition. <i>Advanced Fiber Materials</i> , 1	10.9	3
12	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	17.9	3
11	Functional LAPONITE Nanodisks Enable Targeted Anticancer Chemotherapy. <i>Bioconjugate Chemistry</i> , 2020 , 31, 2404-2412	6.3	3
10	Facile Formation of PAMAM Dendrimer Nanoclusters for Enhanced Gene Delivery and Cancer Gene Therapy.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 7168-7175	4.1	3
9	Dendrimer-Based Nanogels for Cancer Nanomedicine Applications.. <i>Bioconjugate Chemistry</i> , 2021 ,	6.3	3
8	Hybrid nanogels for photoacoustic imaging and photothermal therapy 2020 , 23-43		2
7	Hybrid nano- and microgels doped with photoacoustic contrast agents for cancer theranostics. <i>View</i> , 20200176	7.8	2
6	Intelligent Design of Ultrasmall Iron Oxide Nanoparticle-Based Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 45119-45129	9.5	2
5	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	5.1	1
4	Macrophage-Laden Gold Nanoflowers Embedded with Ultrasmall Iron Oxide Nanoparticles for Enhanced Dual-Mode CT/MR Imaging of Tumors. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
3	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	12.1	1
2	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	7.3	0

- 1 Preparation and investigation of a novel iodine-based visible polyvinyl alcohol embolization material. *Journal of Interventional Medicine*, **2022**, 5, 72-78

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