

Biomimetic amplification of nanoparticle homing to tumors

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Antibiological barrier nanovector technology for cancer applications. <i>Expert Opinion on Drug Delivery</i> , 2007, 4, 359-369.	2.4	67
2	Paclitaxel-Functionalized Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2007, 129, 11653-11661.	6.6	435
3	Biodegradable, polymeric nanoparticle delivery systems for cancer therapy. <i>Nanomedicine</i> , 2007, 2, 669-680.	1.7	219
4	Particulate nanomedicine in the footsteps of platelet homing. <i>Nanomedicine</i> , 2007, 2, 381-384.	1.7	1
5	Use of nanoparticles for drug delivery in glioblastoma multiforme. <i>Expert Review of Neurotherapeutics</i> , 2007, 7, 363-372.	1.4	97
7	Nanoparticle Self-Assembly Directed by Antagonistic Kinase and Phosphatase Activities. <i>Advanced Materials</i> , 2007, 19, 3579-3583.	11.1	45
8	Poly(ethylene glycol)-modified Nanocarriers for Tumor-targeted and Intracellular Delivery. <i>Pharmaceutical Research</i> , 2007, 24, 1405-1414.	1.7	584
9	The drug loading, cytotoxicity and tumor vascular targeting characteristics of magnetite in magnetic drug targeting. <i>Biomaterials</i> , 2007, 28, 4673-4683.	5.7	103
10	Single Chain Epidermal Growth Factor Receptor Antibody Conjugated Nanoparticles for in vivo Tumor Targeting and Imaging. <i>Small</i> , 2009, 5, 235-243.	5.2	315
11	The Design of Polyvalent Therapeutics. <i>Chemistry - A European Journal</i> , 2008, 14, 7738-7747.	1.7	57
12	Targeting vasculature in urologic tumors: Mechanistic and therapeutic significance. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 691-708.	1.2	36
13	Magnetic Iron Oxide Nanoworms for Tumor Targeting and Imaging. <i>Advanced Materials</i> , 2008, 20, 1630-1635.	11.1	516
14	Dynamic imaging of arginine-rich heart-targeted vehicles in a mouse model. <i>Biomaterials</i> , 2008, 29, 1976-1988.	5.7	38
15	Pharmacokinetics and Biodistribution of Nanoparticles. <i>Molecular Pharmaceutics</i> , 2008, 5, 496-504.	2.3	1,313
16	Multifunctional Polymeric Nanosystems for Tumor-Targeted Delivery. <i>Fundamental Biomedical Technologies</i> , 2008, , 33-66.	0.2	3
17	Multifunctional magnetic nanoparticles for targeted imaging and therapy. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 1241-1251.	6.6	834
18	Ultrastructural characterization of CD133 ⁺ stem cells bound to superparamagnetic nanoparticles: possible biotechnological applications. <i>Journal of Microscopy</i> , 2008, 231, 374-383.	0.8	10
19	Ovarian normal and tumor-associated fibroblasts retain in vivo stromal characteristics in a 3-D matrix-dependent manner. <i>Gynecologic Oncology</i> , 2008, 110, 99-109.	0.6	46

#	ARTICLE	IF	CITATIONS
20	Bio-nanocapsule conjugated with liposomes for in vivo pinpoint delivery of various materials. <i>Journal of Controlled Release</i> , 2008, 126, 255-264.	4.8	67
21	Quantum dots for cancer diagnosis and therapy: biological and clinical perspectives. <i>Nanomedicine</i> , 2008, 3, 83-91.	1.7	212
22	Biology and Mechanics of Blood Flows. , 2008, , .		10
23	Magnetic Resonance Imaging of Major Histocompatibility Class II Expression in the Renal Medulla Using Immunotargeted Superparamagnetic Iron Oxide Nanoparticles. <i>ACS Nano</i> , 2008, 2, 477-484.	7.3	73
24	VCAM-1 directed immunoliposomes selectively target tumor vasculature in vivo. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 854-863.	1.4	129
25	The Energy Landscape of a Selective Tumor-Homing Pentapeptide. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8692-8700.	1.2	30
26	<i>In Vivo</i> Tumor Cell Targeting with "Click" Nanoparticles. <i>Bioconjugate Chemistry</i> , 2008, 19, 1570-1578.	1.8	135
27	Development of Receptor Targeted Magnetic Iron Oxide Nanoparticles for Efficient Drug Delivery and Tumor Imaging. <i>Journal of Biomedical Nanotechnology</i> , 2008, 4, 439-449.	0.5	99
28	Mitochondrial/Cell-Surface Protein p32/gC1qR as a Molecular Target in Tumor Cells and Tumor Stroma. <i>Cancer Research</i> , 2008, 68, 7210-7218.	0.4	308
29	Recent Advances in Nanooncology. <i>Technology in Cancer Research and Treatment</i> , 2008, 7, 1-13.	0.8	58
30	Critical issues in site-specific targeting of solid tumours: the carrier, the tumour barriers and the bioavailable drug. <i>Expert Opinion on Drug Delivery</i> , 2008, 5, 205-219.	2.4	34
31	NEUROSURGERY IN THE REALM OF 10 ^{~9} , PART 2. <i>Neurosurgery</i> , 2008, 62, 269-285.	0.6	32
32	Targeted magnetic iron oxide nanoparticles for tumor imaging and therapy. <i>International Journal of Nanomedicine</i> , 2008, 3, 311.	3.3	308
33	Drug Delivery Systems: Application of Liposomal Anti-Tumor Agents to Neuroectodermal Cancer Treatment. <i>Tumori</i> , 2008, 94, 246-253.	0.6	19
34	Conformational and dynamical properties of the CREKA molecule. , 2009, , .		0
35	Synthesis and Characterization of MRI-Detectable Magnetic Dendritic Nanocarriers. <i>Polymer-Plastics Technology and Engineering</i> , 2009, 49, 104-109.	1.9	9
36	Targeting atherosclerosis by using modular, multifunctional micelles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9815-9819.	3.3	250
37	Application of Nanobiotechnology in Cancer Therapeutics. , 2009, , 245-268.		3

#	ARTICLE	IF	CITATIONS
38	Adhesion Between Anti-EphA2 Antibody-Coated AFM Tips and Breast Cancer Cells. Materials Research Society Symposia Proceedings, 2009, 1237, 1.	0.1	2
39	Contact activation of kallikrein-kinin system by superparamagnetic iron oxide nanoparticles in vitro and in vivo. Journal of Controlled Release, 2009, 140, 301-305.	4.8	41
40	Tissue-Penetrating Delivery of Compounds and Nanoparticles into Tumors. Cancer Cell, 2009, 16, 510-520.	7.7	967
41	Cationic amphiphilic peptides with cancer-selective toxicity. European Journal of Pharmacology, 2009, 625, 190-194.	1.7	424
42	Influence of the dye presence on the conformational preferences of CREKA, a tumor homing linear pentapeptide. Biopolymers, 2009, 92, 83-93.	1.2	17
43	Synthesis and characterization of superparamagnetic nanoparticles coated with carboxymethyl starch (CMS) for magnetic resonance imaging technique. Carbohydrate Polymers, 2009, 78, 292-295.	5.1	40
44	Design of a Tumor Homing Cell-Penetrating Peptide for Drug Delivery. International Journal of Peptide Research and Therapeutics, 2009, 15, 11-15.	0.9	58
45	Nanotechnology for breast cancer therapy. Biomedical Microdevices, 2009, 11, 49-63.	1.4	124
46	Systematic Surface Engineering of Magnetic Nanoworms for In vivo Tumor Targeting. Small, 2009, 5, 694-700.	5.2	263
47	Targeting of albumin-embedded paclitaxel nanoparticles to tumors. Nanomedicine: Nanotechnology, Biology, and Medicine, 2009, 5, 73-82.	1.7	202
48	Differential proteomics analysis of the surface heterogeneity of dextran iron oxide nanoparticles and the implications for their in vivo clearance. Biomaterials, 2009, 30, 3926-3933.	5.7	148
49	The design of polyvalent scaffolds for targeted delivery. Advanced Drug Delivery Reviews, 2009, 61, 931-939.	6.6	44
50	Silicon Nanoparticles as Hyperpolarized Magnetic Resonance Imaging Agents. ACS Nano, 2009, 3, 4003-4008.	7.3	92
51	Multifunctional Cytotoxic Stealth Nanoparticles. A Model Approach with Potential for Cancer Therapy. Nano Letters, 2009, 9, 636-642.	4.5	128
52	Pharmaceutical Perspectives of Cancer Therapeutics. , 2009, , .		15
53	Nanotechnology, nanotoxicology, and neuroscience. Progress in Neurobiology, 2009, 87, 133-170.	2.8	356
54	Complement-mediated tumour growth: Implications for cancer nanotechnology and nanomedicines. Molecular Immunology, 2009, 46, 1571-1572.	1.0	19
55	<i>In Silico</i> Molecular Engineering for a Targeted Replacement in a Tumor-Homing Peptide. Journal of Physical Chemistry B, 2009, 113, 7879-7889.	1.2	16

#	ARTICLE	IF	CITATIONS
56	Inorganic nanoparticles for predictive oncology of breast cancer. <i>Nanomedicine</i> , 2009, 4, 83-103.	1.7	38
57	Templated Spherical High Density Lipoprotein Nanoparticles. <i>Journal of the American Chemical Society</i> , 2009, 131, 1384-1385.	6.6	114
58	Recent advances in tumor vasculature targeting using liposomal drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 1297-1309.	2.4	31
59	Behavior of Endogenous Tumor-Associated Macrophages Assessed In Vivo Using a Functionalized Nanoparticle. <i>Neoplasia</i> , 2009, 11, 459-IN4.	2.3	103
60	Vinyl Sulfone-Terminated PEG~PLLA Diblock Copolymer for Thiol-Reactive Polymeric Micelle. <i>Macromolecules</i> , 2009, 42, 3437-3442.	2.2	46
61	Fluorescent tumour imaging of type I IGF receptor in vivo: comparison of antibody-conjugated quantum dots and small-molecule fluorophore. <i>British Journal of Cancer</i> , 2009, 101, 71-79.	2.9	50
62	Receptor-Targeted Nanoparticles for <i>In vivo</i> Imaging of Breast Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 4722-4732.	3.2	210
63	Fc-DIRECTED ANTIBODY CONJUGATION OF MAGNETIC NANOPARTICLES FOR ENHANCED MOLECULAR TARGETING. <i>Journal of Innovative Optical Health Sciences</i> , 2009, 02, 387-396.	0.5	20
64	Drug Nanocarriers and Functional Nanoparticles: Applications in Cancer Therapy. <i>Current Drug Delivery</i> , 2009, 6, 391-403.	0.8	76
65	Nanomedical drug~device combination products. , 2010, , 39-58.		0
66	Targeted hyperthermia using metal nanoparticles. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 339-345.	6.6	490
67	In Vitro and in Vivo Studies of FePt Nanoparticles for Dual Modal CT/MRI Molecular Imaging. <i>Journal of the American Chemical Society</i> , 2010, 132, 13270-13278.	6.6	337
68	The Ultrastructural Study of Tumorigenic Cells Using Nanobiomarkers. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010, 25, 289-298.	0.7	9
69	Stealth nanoparticles: High density but sheddable PEG is a key for tumor targeting. <i>Journal of Controlled Release</i> , 2010, 145, 178-181.	4.8	475
71	Delivery of antiinflammatory nutraceuticals by nanoparticles for the prevention and treatment of cancer. <i>Biochemical Pharmacology</i> , 2010, 80, 1833-1843.	2.0	233
72	Multifunctional magnetic nanoparticles for targeted delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 64-69.	1.7	148
73	Surface charge-mediated rapid hepatobiliary excretion of mesoporous silica nanoparticles. <i>Biomaterials</i> , 2010, 31, 5564-5574.	5.7	282
74	Strategies in the design of nanoparticles for therapeutic applications. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 615-627.	21.5	3,124

#	ARTICLE	IF	CITATIONS
75	Nanoparticle-induced vascular blockade in human prostate cancer. <i>Blood</i> , 2010, 116, 2847-2856.	0.6	149
76	Bioresponsive nanosensors in medical imaging. <i>Journal of the Royal Society Interface</i> , 2010, 7, S83-91.	1.5	17
77	Novel Biomaterials and Nano-Biotechnology Approaches in Tumor Diagnosis. <i>Advances in Science and Technology</i> , 2010, 76, 78-89.	0.2	0
78	Optical imaging-guided cancer therapy with fluorescent nanoparticles. <i>Journal of the Royal Society Interface</i> , 2010, 7, 3-18.	1.5	189
79	Use of Nanoparticles for Targeted, Noninvasive Thermal Destruction of Malignant Cells. <i>Methods in Molecular Biology</i> , 2010, 624, 359-373.	0.4	44
80	Comparison of Electron Spin Resonance Spectroscopy and Inductively-Coupled Plasma Optical Emission Spectroscopy for Biodistribution Analysis of Iron-Oxide Nanoparticles. <i>Molecular Pharmaceutics</i> , 2010, 7, 375-385.	2.3	75
81	Potential toxicity of superparamagnetic iron oxide nanoparticles (SPION). <i>Nano Reviews</i> , 2010, 1, 5358.	3.7	861
82	Adhesion between peptides/antibodies and breast cancer cells. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	31
83	Targeted nanoagents for the detection of cancers. <i>Molecular Oncology</i> , 2010, 4, 511-528.	2.1	70
84	Targeting of drugs and nanoparticles to tumors. <i>Journal of Cell Biology</i> , 2010, 188, 759-768.	2.3	770
85	Homing peptides as targeted delivery vehicles. <i>Integrative Biology (United Kingdom)</i> , 2010, 2, 326-337.	0.6	124
86	Inorganic nanoparticle-based contrast agents for molecular imaging. <i>Trends in Molecular Medicine</i> , 2010, 16, 561-573.	3.5	221
87	Cetuximab-conjugated magneto-fluorescent silica nanoparticles for in vivo colon cancer targeting and imaging. <i>Cancer Letters</i> , 2010, 299, 63-71.	3.2	93
88	Superparamagnetic iron oxide nanoparticle "theranostics"™ for multimodality tumor imaging, gene delivery, targeted drug and prodrug delivery. <i>Expert Review of Clinical Pharmacology</i> , 2010, 3, 117-130.	1.3	37
89	Enabling individualized therapy through nanotechnology. <i>Pharmacological Research</i> , 2010, 62, 57-89.	3.1	188
90	Laser-driven nonlinear cluster dynamics. <i>Reviews of Modern Physics</i> , 2010, 82, 1793-1842.	16.4	384
91	In vivo assembly of nanoparticle components to improve targeted cancer imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11194-11199.	3.3	161
93	Cancer Nanotechnology. <i>Methods in Molecular Biology</i> , 2010, , .	0.4	32

#	ARTICLE	IF	CITATIONS
94	Conformational Profile of a Proline-Arginine Hybrid. <i>Journal of Chemical Information and Modeling</i> , 2010, 50, 1781-1789.	2.5	4
95	Phage display and molecular imaging: expanding fields of vision in living subjects. <i>Biotechnology and Genetic Engineering Reviews</i> , 2010, 27, 57-94.	2.4	7
96	Erythrocyte membrane-camouflaged polymeric nanoparticles as a biomimetic delivery platform. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10980-10985.	3.3	1,749
97	Binding of a C-End Rule Peptide to the Neuropilin-1 Receptor: A Molecular Modeling Approach. <i>Biochemistry</i> , 2011, 50, 1755-1762.	1.2	67
99	Dendrimer Display of Tumor-Homing Peptides. <i>Bioconjugate Chemistry</i> , 2011, 22, 397-405.	1.8	31
100	Interactions of nanoparticles with plasma proteins: implication on clearance and toxicity of drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 343-357.	2.4	299
101	Hypertrophy. , 2011, , 1791-1791.		0
103	Heparanase Inhibitors. , 2011, , 1651-1656.		0
104	Glycol Chitosan/Heparin Immobilized Iron Oxide Nanoparticles with a Tumor-Targeting Characteristic for Magnetic Resonance Imaging. <i>Biomacromolecules</i> , 2011, 12, 2335-2343.	2.6	84
105	Exploring the energy landscape of a molecular engineered analog of a tumor-homing peptide. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9986.	1.3	9
106	Immunolocalization of the Glioblastoma Cells by Nanoparticles Using Microscopy Tools. , 0, , .		0
107	Marcadores fluorescentes coloidais: conceitos e aplicaÃ§Ãµes. <i>Ciencia Rural</i> , 2011, 41, 1043-1050.	0.3	1
108	Cancer theranostics: the rise of targeted magnetic nanoparticles. <i>Trends in Biotechnology</i> , 2011, 29, 323-332.	4.9	362
109	Stabilization and functionalization of iron oxide nanoparticles for biomedical applications. <i>Nanoscale</i> , 2011, 3, 2819.	2.8	360
110	Atomistic modeling of peptides bound to a chemically active surface: conformational implications. <i>Journal of Peptide Science</i> , 2011, 17, 132-138.	0.8	4
111	Peptide-mediated cancer targeting of nanoconjugates. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2011, 3, 269-281.	3.3	55
112	Optimization of iron oxide nanoparticle detection using ultrashort echo time pulse sequences: Comparison of T_1 , T_2^* , and synergistic T_1 T_2^* contrast mechanisms. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1649-1660.	1.9	52
113	Enhanced Magnetic Resonance Contrast of Fe_3O_4 Nanoparticles Trapped in a Porous Silicon Nanoparticle Host. <i>Advanced Materials</i> , 2011, 23, H248-53.	11.1	68

#	ARTICLE	IF	CITATIONS
116	Fibrin-targeted block copolymers for the prevention of postsurgical adhesions. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 99B, 102-110.	1.6	3
117	A simulation strategy for the atomistic modeling of flexible molecules covalently tethered to rigid surfaces: Application to peptides. <i>Journal of Computational Chemistry</i> , 2011, 32, 607-619.	1.5	10
118	Synthesis and Characterization of CREKA-Targeted Polymers for the Disruption of Fibrin Gel Matrix Propagation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 1363-1378.	1.9	7
119	Surface Engineering Using Peptide Amphiphiles. , 2011, , 219-245.		2
120	Synthesis and Characterization of Superparamagnetic Polyaniline Nanocomposites as Conductive Shields. <i>Journal of Elastomers and Plastics</i> , 2011, 43, 155-166.	0.7	1
121	Specific penetration and accumulation of a homing peptide within atherosclerotic plaques of apolipoprotein E-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7154-7159.	3.3	102
122	Gold nanoshells for imaging and photothermal ablation of cancer. , 2012, , 326-355.		0
123	Combinatorial Nanoparticles for Cancer Diagnosis and Therapy. <i>Current Medicinal Chemistry</i> , 2012, 19, 3714-3721.	1.2	58
124	Limitations and niches of the active targeting approach for nanoparticle drug delivery. <i>European Journal of Nanomedicine</i> , 2012, 4, 89-93.	0.6	40
125	Application of Collagen-Model Triple-Helical Peptide-Amphiphiles for CD44-Targeted Drug Delivery Systems. <i>Journal of Drug Delivery</i> , 2012, 2012, 1-13.	2.5	25
126	Intraperitoneal injection of magnetic Fe ₃ O ₄ -nanoparticle induces hepatic and renal tissue injury via oxidative stress in mice. <i>International Journal of Nanomedicine</i> , 2012, 7, 4809.	3.3	92
127	Phage display – A powerful technique for immunotherapy. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1817-1828.	1.4	171
128	Nanooncology. , 2012, , 271-341.		0
129	Targeting Strategies for Multifunctional Nanoparticles in Cancer Imaging and Therapy. <i>Theranostics</i> , 2012, 2, 3-44.	4.6	727
130	Peptide- and saccharide-conjugated dendrimers for targeted drug delivery: a concise review. <i>Interface Focus</i> , 2012, 2, 307-324.	1.5	70
131	Synthesis and Evaluation of a Peptide Targeted Small Molecular Gd-DOTA Monoamide Conjugate for MR Molecular Imaging of Prostate Cancer. <i>Bioconjugate Chemistry</i> , 2012, 23, 1548-1556.	1.8	29
132	Peptides for cell-selective drug delivery. <i>Trends in Pharmacological Sciences</i> , 2012, 33, 186-192.	4.0	179
133	Strategies in biomimetic surface engineering of nanoparticles for biomedical applications. <i>Nanoscale</i> , 2012, 4, 360-368.	2.8	92

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135	Role of Nanodiagnostics in Personalized Cancer Therapy. <i>Clinics in Laboratory Medicine</i> , 2012, 32, 15-31.	0.7	22
136	The Handbook of Nanomedicine. , 2012, , .		32
137	M13 Phage-Functionalized Single-Walled Carbon Nanotubes As Nanoprobes for Second Near-Infrared Window Fluorescence Imaging of Targeted Tumors. <i>Nano Letters</i> , 2012, 12, 1176-1183.	4.5	256
138	Enhancement of the Targeting Capabilities of the Paclitaxel-Loaded Pluronic Nanoparticles with a Glycol Chitosan/Heparin Composite. <i>Molecular Pharmaceutics</i> , 2012, 9, 230-236.	2.3	30
139	Mapping of Vascular ZIP Codes by Phage Display. <i>Methods in Enzymology</i> , 2012, 503, 35-56.	0.4	86
140	Peptides as targeting probes against tumor vasculature for diagnosis and drug delivery. <i>Journal of Translational Medicine</i> , 2012, 10, S1.	1.8	91
141	Phase I Clinical Trial of Systemically Administered TUSC2(FUS1)-Nanoparticles Mediating Functional Gene Transfer in Humans. <i>PLoS ONE</i> , 2012, 7, e34833.	1.1	149
142	Multifunctional Magnetic Hybrid Nanoparticles as a Nanomedical Platform for Cancer-Targeted Imaging and Therapy. , 0, , .		2
143	Protein Oriented Ligation on Nanoparticles Exploiting α -Alkylguanine- β -DNA Transferase (SNAP) Genetically Encoded Fusion. <i>Small</i> , 2012, 8, 1492-1497.	5.2	51
144	Effective delivery of chemotherapeutic nanoparticles by depleting host Kupffer cells. <i>International Journal of Cancer</i> , 2012, 131, 2402-2410.	2.3	45
145	Synthesis and characterization of cisplatin-loaded, EGFR-targeted biopolymer and <i>in vitro</i> evaluation for targeted delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2839-2848.	2.1	12
146	Space MPI: Magnetic Nanoparticles for Safe Medical Imaging. <i>Advanced Materials</i> , 2012, 24, 3870-3877.	11.1	248
147	Biomimetic Delivery with Micro- and Nanoparticles. <i>Advanced Materials</i> , 2012, 24, 3757-3778.	11.1	145
148	Peptides as Targeting Elements and Tissue Penetration Devices for Nanoparticles. <i>Advanced Materials</i> , 2012, 24, 3747-3756.	11.1	353
149	Development and Application of Anticancer Nanomedicine. <i>Nanostructure Science and Technology</i> , 2012, , 31-46.	0.1	4
150	Polysuccinimide graft copolymer nano aggregates encapsulating magnetites for imaging probe. <i>Macromolecular Research</i> , 2012, 20, 259-265.	1.0	6
151	Erythrocytes load of low molecular weight chitosan nanoparticles as a potential vascular drug delivery system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 95, 258-265.	2.5	77
152	Novel superparamagnetic iron oxide nanoparticles for tumor embolization application: Preparation, characterization and double targeting. <i>International Journal of Pharmaceutics</i> , 2012, 426, 248-255.	2.6	39

#	ARTICLE	IF	CITATIONS
153	Biofunctional nanosystems based on dendritic polymers. <i>Journal of Controlled Release</i> , 2012, 161, 484-495.	4.8	82
154	Enhanced targeted anticancer effects and inhibition of tumor metastasis by the TMTP1 compound peptide TMTP1-TAT-NBD. <i>Journal of Controlled Release</i> , 2012, 161, 893-902.	4.8	34
156	Site-specific Conjugation of ScFvs Antibodies to Nanoparticles by Bioorthogonal Strain-Promoted Alkyne-Nitrone Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 496-499.	7.2	66
157	Sequence dependence of C-end rule peptides in binding and activation of neuropilin-1 receptor. <i>Journal of Structural Biology</i> , 2013, 182, 78-86.	1.3	58
158	Orientation-Controlled Conjugation of Haloalkane Dehalogenase Fused Homing Peptides to Multifunctional Nanoparticles for the Specific Recognition of Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3121-3125.	7.2	39
160	Synthesis and functionalisation of magnetic nanoparticles for hyperthermia applications. <i>International Journal of Hyperthermia</i> , 2013, 29, 777-789.	1.1	70
161	The Evolution of Tumor-Targeted Drug Delivery: From the EPR Effect to Nanoswimmers. <i>Israel Journal of Chemistry</i> , 2013, 53, 719-727.	1.0	2
162	Enzyme immobilization: an update. <i>Journal of Chemical Biology</i> , 2013, 6, 185-205.	2.2	687
163	Enzyme-Directed Assembly of Nanoparticles in Tumors Monitored by <i>in Vivo</i> Whole Animal Imaging and <i>ex Vivo</i> Super-Resolution Fluorescence Imaging. <i>Journal of the American Chemical Society</i> , 2013, 135, 18710-18713.	6.6	104
164	Nanoparticles That Sense Thrombin Activity As Synthetic Urinary Biomarkers of Thrombosis. <i>ACS Nano</i> , 2013, 7, 9001-9009.	7.3	98
165	Dependence of nanoparticle-cell recognition efficiency on the surface orientation of scFv targeting ligands. <i>Biomaterials Science</i> , 2013, 1, 728.	2.6	21
166	PEG-Stabilized Core-Shell Nanoparticles: Impact of Linear versus Dendritic Polymer Shell Architecture on Colloidal Properties and the Reversibility of Temperature-Induced Aggregation. <i>ACS Nano</i> , 2013, 7, 316-329.	7.3	176
167	Engineering strategy to improve peptide analogs: from structure-based computational design to tumor homing. <i>Journal of Computer-Aided Molecular Design</i> , 2013, 27, 31-43.	1.3	14
168	Magnetic Particle Imaging (MPI) for NMR and MRI researchers. <i>Journal of Magnetic Resonance</i> , 2013, 229, 116-126.	1.2	255
169	Avidin-Biotin Interaction Mediated Peptide Assemblies as Efficient Gene Delivery Vectors for Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2013, 10, 261-269.	2.3	17
170	Peptide-Based Glioma-Targeted Drug Delivery Vector gHoPe2. <i>Bioconjugate Chemistry</i> , 2013, 24, 305-313.	1.8	42
171	The effect of nonuniform magnetic targeting of intracoronary-delivering mesenchymal stem cells on coronary embolisation. <i>Biomaterials</i> , 2013, 34, 9905-9916.	5.7	35
172	A novel cell-penetrating peptide TAT-A1 delivers siRNA into tumor cells selectively. <i>Biochimie</i> , 2013, 95, 251-257.	1.3	40

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173	Peptide targeted tripod macrocyclic Gd(III) chelates for cancer molecular MRI. <i>Biomaterials</i> , 2013, 34, 7683-7693.	5.7	67
174	Effect of ligand density, receptor density, and nanoparticle size on cell targeting. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 194-201.	1.7	291
176	Enzyme-Directed Assembly of a Nanoparticle Probe in Tumor Tissue. <i>Advanced Materials</i> , 2013, 25, 3599-3604.	11.1	78
177	Assessing the <i>In Vivo</i> Targeting Efficiency of Multifunctional Nanoconstructs Bearing Antibody-Derived Ligands. <i>ACS Nano</i> , 2013, 7, 6092-6102.	7.3	73
178	In Vivo Biodistribution of Mixed Shell Micelles with Tunable Hydrophilic/Hydrophobic Surface. <i>Biomacromolecules</i> , 2013, 14, 460-467.	2.6	72
179	O ⁶ -alkylguanine-DNA transferase (SNAP) as capture module for site-specific covalent bioconjugation of targeting protein on nanoparticles. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
180	Therapeutic nanomedicine for brain cancer. <i>Therapeutic Delivery</i> , 2013, 4, 687-704.	1.2	97
181	Nanocarrier-Mediated Targeting of Tumor and Tumor Vascular Cells Improves Uptake and Penetration of Drugs into Neuroblastoma. <i>Frontiers in Oncology</i> , 2013, 3, 190.	1.3	21
182	Synthetic routes to magnetic nanoparticles for MPI. <i>Biomedizinische Technik</i> , 2013, 58, 509-15.	0.9	17
183	Peptide-based targeting strategies for simultaneous imaging and therapy with nanovectors. <i>Polymer Journal</i> , 2013, 45, 481-493.	1.3	84
184	Somatostatin Receptor Type 2-Based Reporter Expression after Plasmid-Based in Vivo Gene Delivery to Non-Small Cell Lung Cancer. <i>Molecular Imaging</i> , 2013, 12, 7290.2013.00060.	0.7	4
186	The potential of polymeric micelles in the context of glioblastoma therapy. <i>Frontiers in Pharmacology</i> , 2013, 4, 157.	1.6	32
187	Polyethylene glycol–polylactic acid nanoparticles modified with cysteine–arginine–glutamic acid–lysine–alanine fibrin-homing peptide for glioblastoma therapy by enhanced retention effect. <i>International Journal of Nanomedicine</i> , 2014, 9, 5261.	3.3	20
188	Magnetic Resonance Imaging and Alternating Magnetic Fields. , 2014, , 255-268.		2
190	Delivery of platinum(IV) drug to subcutaneous tumor and lung metastasis using bradykinin-potentiating peptide-decorated chitosan nanoparticles. <i>Biomaterials</i> , 2014, 35, 6439-6453.	5.7	93
191	Nanoparticle targeting of anti-cancer drugs that alter intracellular signaling or influence the tumor microenvironment. <i>Advanced Drug Delivery Reviews</i> , 2014, 79-80, 107-118.	6.6	199
192	Synthesis and characterization of CREKA-conjugated iron oxide nanoparticles for hyperthermia applications. <i>Acta Biomaterialia</i> , 2014, 10, 2622-2629.	4.1	72
193	License for destruction: Tumor-specific cytokine targeting. <i>Trends in Molecular Medicine</i> , 2014, 20, 16-24.	3.5	25

#	ARTICLE	IF	CITATIONS
194	Polyphenols Nano-Formulations for Topical Delivery and Skin Tissue Engineering. , 2014, , 839-848.		10
195	Identification of BP16 as a non-toxic cell-penetrating peptide with highly efficient drug delivery properties. Organic and Biomolecular Chemistry, 2014, 12, 1652-1663.	1.5	30
196	Clot-Targeted Micellar Formulation Improves Anticoagulation Efficacy of Bivalirudin. ACS Nano, 2014, 8, 10139-10149.	7.3	14
197	Incorporation of a Clot-Binding Peptide into Polythiophene: Properties of Composites for Biomedical Applications. ACS Applied Materials & Interfaces, 2014, 6, 11940-11954.	4.0	33
198	Polyethylene Glycol Backfilling Mitigates the Negative Impact of the Protein Corona on Nanoparticle Cell Targeting. Angewandte Chemie - International Edition, 2014, 53, 5093-5096.	7.2	276
199	Coadministration of Erlotinib and Curcumin Augmentatively Reduces Cell Viability in Lung Cancer Cells. Phytotherapy Research, 2014, 28, 728-735.	2.8	27
200	Multimodal SPION-CREKA peptide based agents for molecular imaging of microthrombus in a rat myocardial ischemia-reperfusion model. Biomaterials, 2014, 35, 2961-2970.	5.7	71
201	Refilling drug delivery depots through the blood. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12722-12727.	3.3	84
202	Self-Titrating Anticoagulant Nanocomplexes That Restore Homeostatic Regulation of the Coagulation Cascade. ACS Nano, 2014, 8, 8776-8785.	7.3	35
203	Specific interactions between functionalised particles and circulating tumour cells. IET Nanobiotechnology, 2014, 8, 18-23.	1.9	0
204	Fibrin-binding, peptide amphiphile micelles for targeting glioblastoma. Biomaterials, 2014, 35, 1249-1256.	5.7	144
205	Just so stories: The random acts of anti-cancer nanomedicine performance. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1661-1666.	1.7	69
206	Theranostic tumor homing nanocarriers for the treatment of lung cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, e1053-e1063.	1.7	19
207	Bio-barcode gel assay for microRNA. Nature Communications, 2014, 5, 3367.	5.8	85
208	Magnetite Nanoparticles Induce Genotoxicity in the Lungs of Mice via Inflammatory Response. Nanomaterials, 2014, 4, 175-188.	1.9	31
209	Bacteriophage-Targeted Nanomedicine and Molecular Imaging. Frontiers in Nanobiomedical Research, 2014, , 267-307.	0.1	0
210	Liposomal Nanomedicines. Frontiers in Nanobiomedical Research, 2014, , 1-53.	0.1	2
211	Core-Shell Nanoparticles for Biomedical Applications. Frontiers in Nanobiomedical Research, 2014, , 475-517.	0.1	0

#	ARTICLE	IF	CITATIONS
212	Increasing Tumor Accessibility with Conjugatable Disulfide-Bridged Tumor-Penetrating Peptides for Cancer Diagnosis and Treatment. <i>Breast Cancer: Basic and Clinical Research</i> , 2015, 9s2, BCBCR.S29426.	0.6	3
213	Specific detection of CD133-positive tumor cells with iron oxide nanoparticles labeling using noninvasive molecular magnetic resonance imaging. <i>International Journal of Nanomedicine</i> , 2015, 10, 6997.	3.3	16
214	The antitumor activity of tumor-homing peptide-modified thermosensitive liposomes containing doxorubicin on MCF-7/ADR: in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2015, 10, 2229.	3.3	35
215	Tumor vascular-targeted co-delivery of anti-angiogenesis and chemotherapeutic agents by mesoporous silica nanoparticle-based drug delivery system for synergetic therapy of tumor. <i>International Journal of Nanomedicine</i> , 2016, 11, 93.	3.3	63
216	Exogenous Restoration of TUSC2 Expression Induces Responsiveness to Erlotinib in Wildtype Epidermal Growth Factor Receptor (EGFR) Lung Cancer Cells through Context Specific Pathways Resulting in Enhanced Therapeutic Efficacy. <i>PLoS ONE</i> , 2015, 10, e0123967.	1.1	27
217	Smart nanosystems: Bio-inspired technologies that interact with the host environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14460-14466.	3.3	77
218	The evolution of fibrin-specific targeting strategies. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1177-1186.	2.9	15
220	Shaping bio-inspired nanotechnologies to target thrombosis for dual optical-magnetic resonance imaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6037-6045.	2.9	68
221	The effects of synthesis method on the physical and chemical properties of dextran coated iron oxide nanoparticles. <i>Materials Chemistry and Physics</i> , 2015, 160, 177-186.	2.0	55
222	Peptide-Nanoparticle Ligation Mediated by Cutinase Fusion for the Development of Cancer Cell-Targeted Nanoconjugates. <i>Bioconjugate Chemistry</i> , 2015, 26, 680-689.	1.8	16
223	Delivery of therapeutic oligonucleotides with cell penetrating peptides. <i>Advanced Drug Delivery Reviews</i> , 2015, 87, 52-67.	6.6	217
224	CREKA peptide-conjugated dendrimer nanoparticles for glioblastoma multiforme delivery. <i>Journal of Colloid and Interface Science</i> , 2015, 450, 396-403.	5.0	76
225	In vivo delivery, pharmacokinetics, biodistribution and toxicity of iron oxide nanoparticles. <i>Chemical Society Reviews</i> , 2015, 44, 8576-8607.	18.7	634
226	Recent Developments in Active Tumor Targeted Multifunctional Nanoparticles for Combination Chemotherapy in Cancer Treatment and Imaging. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1859-1898.	0.5	102
227	Nanoparticle-mediated drug delivery for treating melanoma. <i>Nanomedicine</i> , 2015, 10, 2613-2633.	1.7	46
228	MRI detection of breast cancer micrometastases with a fibronectin-targeting contrast agent. <i>Nature Communications</i> , 2015, 6, 7984.	5.8	215
229	Platelet mimicry. <i>Nature</i> , 2015, 526, 47-48.	13.7	40
230	Nanoparticle biointerfacing by platelet membrane cloaking. <i>Nature</i> , 2015, 526, 118-121.	13.7	1,270

#	ARTICLE	IF	CITATIONS
231	Protein-based functional nanomaterial design for bioengineering applications. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2015, 7, 69-97.	3.3	43
232	A Hybrid Peptide PTS that Facilitates Transmembrane Delivery and Its Application for the Rapid In vivo Imaging via Near-Infrared Fluorescence Imaging. Frontiers in Pharmacology, 2016, 7, 51.	1.6	1
233	Phenylboronic Acid-Mediated Tumor Targeting of Chitosan Nanoparticles. Theranostics, 2016, 6, 1378-1392.	4.6	98
234	Developing a fluorescence-coupled capillary electrophoresis based method to probe interactions between QDs and colorectal cancer targeting peptides. Electrophoresis, 2016, 37, 2170-2174.	1.3	19
235	Targeted Nanotherapies for the Treatment of Surgical Diseases. Annals of Surgery, 2016, 263, 900-907.	2.1	14
236	The Effects of Spacer Length and Composition on Aptamer-Mediated Cell-Specific Targeting with Nanoscale PEGylated Liposomal Doxorubicin. ChemBioChem, 2016, 17, 1111-1117.	1.3	30
237	Magnetic-Nanoparticle-Based Immunoassays-on-a-Chip: Materials Synthesis, Surface Functionalization, and Cancer Cell Screening. Advanced Functional Materials, 2016, 26, 3953-3972.	7.8	34
238	Two-Step Delivery: Exploiting the Partition Coefficient Concept to Increase Intratumoral Paclitaxel Concentrations In vivo Using Responsive Nanoparticles. Scientific Reports, 2016, 6, 18720.	1.6	20
239	Zwitterionic glutathione monoethyl ester as a new capping ligand for ultrasmall gold nanoparticles. RSC Advances, 2016, 6, 46350-46355.	1.7	20
240	Nanotechnology for cancer therapy. , 2016, , 395-470.		2
241	Biomimetic HDL nanoparticle mediated tumor targeted delivery of indocyanine green for enhanced photodynamic therapy. Colloids and Surfaces B: Biointerfaces, 2016, 148, 533-540.	2.5	46
242	Targeting cancer cells via tumor-homing peptide CREKA functional PEG nanoparticles. Colloids and Surfaces B: Biointerfaces, 2016, 147, 191-200.	2.5	45
243	A peptide for targeted, systemic delivery of imaging and therapeutic compounds into acute brain injuries. Nature Communications, 2016, 7, 11980.	5.8	138
244	Fibrin Association at Hybrid Biointerfaces Made of Clot-Binding Peptides and Polythiophene. Macromolecular Bioscience, 2016, 16, 1461-1474.	2.1	9
245	Non-viral nucleic acid containing nanoparticles as cancer therapeutics. Expert Opinion on Drug Delivery, 2016, 13, 1475-1487.	2.4	30
246	Nanoparticle-liver interactions: Cellular uptake and hepatobiliary elimination. Journal of Controlled Release, 2016, 240, 332-348.	4.8	869
247	Self-sufficing H2O2-responsive nanocarriers through tumor-specific H2O2 production for synergistic oxidation-chemotherapy. Journal of Controlled Release, 2016, 225, 64-74.	4.8	100
248	Fibrin-targeting peptide CREKA-conjugated multi-walled carbon nanotubes for self-amplified photothermal therapy of tumor. Biomaterials, 2016, 79, 46-55.	5.7	110

#	ARTICLE	IF	CITATIONS
249	In vitro and in vivo antitumor study of folic acid-conjugated carboxymethyl chitosan and phenylboronic acid-based nanoparticles. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 495-506.	1.8	7
250	Multifunctional mesoporous silica nanoparticles for cancer-targeted, controlled drug delivery and imaging. Microporous and Mesoporous Materials, 2017, 242, 271-283.	2.2	80
251	Recent developments in anticancer drug delivery using cell penetrating and tumor targeting peptides. Journal of Controlled Release, 2017, 250, 62-76.	4.8	219
252	Tumor-Penetrating Nanosystem Strongly Suppresses Breast Tumor Growth. Nano Letters, 2017, 17, 1356-1364.	4.5	79
253	Designing nanomedicine for immuno-oncology. Nature Biomedical Engineering, 2017, 1, .	11.6	178
254	Nanoparticle drug delivery systems for peritoneal cancers: a case study of the design, characterization and development of the expansile nanoparticle. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2017, 9, e1451.	3.3	37
255	Tumor Microenvironment Targeting and Responsive Peptide-Based Nanoformulations for Improved Tumor Therapy. Molecular Pharmacology, 2017, 92, 219-231.	1.0	57
256	Peptide ligand-modified nanomedicines for targeting cells at the tumor microenvironment. Advanced Drug Delivery Reviews, 2017, 119, 120-142.	6.6	102
257	Fibrin-Targeted and H ₂ O ₂ -Responsive Nanoparticles as a Theranostics for Thrombosed Vessels. ACS Nano, 2017, 11, 6194-6203.	7.3	101
258	Acid-degradable carboxymethyl chitosan nanogels via an ortho ester linkage mediated improved penetration and growth inhibition of 3-D tumor spheroids in vitro. Materials Science and Engineering C, 2017, 78, 246-257.	3.8	45
259	Design and Applications of Nanoparticles in Biomedical Imaging. , 2017, , .		15
260	Targeting fibronectin for cancer imaging and therapy. Journal of Materials Chemistry B, 2017, 5, 639-654.	2.9	82
261	Vascular-homing peptides for cancer therapy. Biomedicine and Pharmacotherapy, 2017, 92, 187-195.	2.5	28
262	Targeting of p32 in peritoneal carcinomatosis with intraperitoneal linTT1 peptide-guided pro-apoptotic nanoparticles. Journal of Controlled Release, 2017, 260, 142-153.	4.8	57
263	Controllably Switched Drug Release from Successively Dual-Targeted Nanoreservoirs. Advanced Healthcare Materials, 2017, 6, 1600919.	3.9	18
264	Targeted Delivery of Interferon Gamma Using a Recombinant Fusion Protein of a Fibrin Clot-Binding Peptide With Interferon Gamma for Cancer Gene Therapy. Journal of Pharmaceutical Sciences, 2017, 106, 892-897.	1.6	1
265	Revealing Dynamics of Accumulation of Systemically Injected Liposomes in the Skin by Intravital Microscopy. ACS Nano, 2017, 11, 11584-11593.	7.3	21
266	Glioma and microenvironment dual targeted nanocarrier for improved antiglioblastoma efficacy. Drug Delivery, 2017, 24, 1401-1409.	2.5	29

#	ARTICLE	IF	CITATIONS
267	Enhanced photothermal therapy of biomimetic polypyrrole nanoparticles through improving blood flow perfusion. <i>Biomaterials</i> , 2017, 143, 130-141.	5.7	102
268	Small Bioactive Peptides for Biomaterials Design and Therapeutics. <i>Chemical Reviews</i> , 2017, 117, 14015-14041.	23.0	317
269	New FTY720-docetaxel nanoparticle therapy overcomes FTY720-induced lymphopenia and inhibits metastatic breast tumour growth. <i>Breast Cancer Research and Treatment</i> , 2017, 165, 531-543.	1.1	24
270	One-pot synthesis of nanochain particles for targeting brain tumors. <i>Nanoscale</i> , 2017, 9, 9659-9667.	2.8	19
271	Weighing biointeractions between fibrin(ogen) and clot-binding peptides using microcantilever sensors. <i>Journal of Peptide Science</i> , 2017, 23, 162-171.	0.8	8
272	Molecular imaging of the tumor microenvironment. <i>Advanced Drug Delivery Reviews</i> , 2017, 113, 24-48.	6.6	175
273	Inhibition of platelet function using liposomal nanoparticles blocks tumor metastasis. <i>Theranostics</i> , 2017, 7, 1062-1071.	4.6	71
274	4.16 Surface Engineering Using Amphiphilic Peptides. , 2017, , 272-291.		0
275	Personalized Nanoparticles for Cancer Therapy: A Call for Greater Precision. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1033-1039.	0.9	13
276	Peptide and protein nanoparticle conjugates: versatile platforms for biomedical applications. <i>Chemical Society Reviews</i> , 2018, 47, 3574-3620.	18.7	352
277	Peptide-based nanoprobe for molecular imaging and disease diagnostics. <i>Chemical Society Reviews</i> , 2018, 47, 3490-3529.	18.7	127
278	Tumor target amplification: Implications for nano drug delivery systems. <i>Journal of Controlled Release</i> , 2018, 275, 142-161.	4.8	99
279	Biomarker-targeted fluorescent probes for breast cancer imaging. <i>Chinese Chemical Letters</i> , 2018, 29, 648-656.	4.8	62
280	Highly-sensitive microRNA detection based on bio-bar-code assay and catalytic hairpin assembly two-stage amplification. <i>Analytica Chimica Acta</i> , 2018, 1004, 1-9.	2.6	43
281	Enhanced antitumor and anti-metastasis efficacy against aggressive breast cancer with a fibronectin-targeting liposomal doxorubicin. <i>Journal of Controlled Release</i> , 2018, 271, 21-30.	4.8	61
282	Suppression of Tumor Energy Supply by Liposomal Nanoparticle-Mediated Inhibition of Aerobic Glycolysis. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2347-2353.	4.0	35
283	Peptide-Based Nanocarriers for Cancer Therapy. <i>Small Methods</i> , 2018, 2, 1700358.	4.6	41
284	Modeling of a C-terminal rule peptide adsorbed onto gold nanoparticles. <i>Journal of Peptide Science</i> , 2018, 24, e3057.	0.8	4

#	ARTICLE	IF	CITATIONS
286	Peptide-based nanoparticle conjugates: a next generation of diagnostic and therapeutic platforms?. Nano Convergence, 2018, 5, 38.	6.3	140
287	Lung cancer: active therapeutic targeting and inhalational nanoparticle design. Expert Opinion on Drug Delivery, 2018, 15, 1223-1247.	2.4	19
288	Peptide-Based Multifunctional Nanomaterials for Tumor Imaging and Therapy. Advanced Functional Materials, 2018, 28, 1804492.	7.8	94
289	Peptide-based targeted therapeutics: Focus on cancer treatment. Journal of Controlled Release, 2018, 292, 141-162.	4.8	107
290	Self-assembling biomaterials as nanocarriers for the targeted delivery of drugs for cancer. , 2018, , 495-532.		0
291	Imaging breast cancer using a dual-ligand nanochain particle. PLoS ONE, 2018, 13, e0204296.	1.1	16
292	Specific tissue factor delivery using a tumor-homing peptide for inducing tumor infarction. Biochemical Pharmacology, 2018, 156, 501-510.	2.0	23
293	Advances in targeted nanotherapeutics: From bioconjugation to biomimicry. Nano Research, 2018, 11, 4999-5016.	5.8	60
294	Construction and Evaluation of the Tumor-Targeting, Cell-Penetrating Multifunctional Molecular Probe iCREKA. Contrast Media and Molecular Imaging, 2018, 2018, 1-11.	0.4	10
295	Tumor-Targeting Peptides: Ligands for Molecular Imaging and Therapy. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 74-86.	0.9	68
296	Primary tumor and pre-metastatic niches co-targeting peptide-lego-hybrid hydroxyapatite nanoparticles for metastatic breast cancer treatment. Biomaterials Science, 2018, 6, 2591-2604.	2.6	36
297	In Vivo Translation of Peptide-Targeted Drug Delivery Systems Discovered by Phage Display. Bioconjugate Chemistry, 2018, 29, 2161-2169.	1.8	23
298	Targeting Delivery of Platelets Inhibitor to Prevent Tumor Metastasis. Bioconjugate Chemistry, 2019, 30, 2349-2357.	1.8	15
299	Bi-specific tenascin-C and fibronectin targeted peptide for solid tumor delivery. Biomaterials, 2019, 219, 119373.	5.7	39
300	In Vivo Self-Assembly of Polypeptide-Based Nanomaterials. , 2019, , 1-21.		0
301	Biosensing-by-Learning Direct Targeting Strategy for Enhanced Tumor Sensitization. IEEE Transactions on Nanobioscience, 2019, 18, 498-509.	2.2	18
302	Direct Targeting Strategy for Smart Cancer Detection as Natural Computing. , 2019, , .		4
303	Advances in nanomedicine for cancer starvation therapy. Theranostics, 2019, 9, 8026-8047.	4.6	151

#	ARTICLE	IF	CITATIONS
304	A novel near-infrared fluorescent light-up probe for tumor imaging and drug-induced liver injury detection. <i>Chemical Communications</i> , 2019, 55, 2541-2544.	2.2	32
305	Designing a drug delivery system for improved tumor treatment and targeting by functionalization of a cell-penetrating peptide. <i>Journal of Pharmaceutical Investigation</i> , 2019, 49, 643-654.	2.7	26
306	Nanoparticle Imaging of Vascular Inflammation and Remodeling in Atherosclerotic Disease. <i>Current Cardiovascular Imaging Reports</i> , 2019, 12, 1.	0.4	5
307	Evaluation of alginate hydrogel encapsulated mesenchymal stem cell migration in horses. <i>Research in Veterinary Science</i> , 2019, 124, 38-45.	0.9	8
308	Low-Intensity Focused Ultrasound-Responsive Phase-Transitional Nanoparticles for Thrombolysis without Vascular Damage: A Synergistic Nonpharmaceutical Strategy. <i>ACS Nano</i> , 2019, 13, 3387-3403.	7.3	118
309	Microthrombus-Targeting Micelles for Neurovascular Remodeling and Enhanced Microcirculatory Perfusion in Acute Ischemic Stroke. <i>Advanced Materials</i> , 2019, 31, e1808361.	11.1	105
310	pH sensitive peptide functionalized nanoparticles for co-delivery of erlotinib and DAPT to restrict the progress of triple negative breast cancer. <i>Drug Delivery</i> , 2019, 26, 470-480.	2.5	36
311	Immune-mediated ECM depletion improves tumour perfusion and payload delivery. <i>EMBO Molecular Medicine</i> , 2019, 11, e10923.	3.3	23
312	Pharmacokinetic analysis reveals limitations and opportunities for nanomedicine targeting of endothelial and extravascular compartments of tumours. <i>Journal of Drug Targeting</i> , 2019, 27, 690-698.	2.1	15
313	Chemistry of MRI Contrast Agents: Current Challenges and New Frontiers. <i>Chemical Reviews</i> , 2019, 119, 957-1057.	23.0	977
314	An efficient MRI agent targeting extracellular markers in prostate adenocarcinoma. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 1935-1946.	1.9	6
315	Targeting strategies for superparamagnetic iron oxide nanoparticles in cancer therapy. <i>Acta Biomaterialia</i> , 2020, 102, 13-34.	4.1	148
316	Boron nitride nanotube-CREKA peptide as an effective target system to metastatic breast cancer. <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 469-480.	2.7	9
317	Biomimetic fibrin-targeted and H ₂ O ₂ -responsive nanocarriers for thrombus therapy. <i>Nano Today</i> , 2020, 35, 100986.	6.2	65
318	Self-regulated hirudin delivery for anticoagulant therapy. <i>Science Advances</i> , 2020, 6, .	4.7	24
319	<p>Nanotechnology-Based Targeting of mTOR Signaling in Cancer</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5767-5781.	3.3	12
320	The dose threshold for nanoparticle tumour delivery. <i>Nature Materials</i> , 2020, 19, 1362-1371.	13.3	295
321	Drug Targeting via Platelet Membrane-Coated Nanoparticles. <i>Small Structures</i> , 2020, 1, 2000018.	6.9	104

#	ARTICLE	IF	CITATIONS
322	Selective targeting of cancer signaling pathways with nanomedicines: challenges and progress. <i>Future Oncology</i> , 2020, 16, 2959-2979.	1.1	22
323	Beyond Blocking: Engineering RNAi-Mediated Targeted Immune Checkpoint Nanoblocker Enables T-Cell-Independent Cancer Treatment. <i>ACS Nano</i> , 2020, 14, 17524-17534.	7.3	26
324	Peptide-Based Nanoparticles Mimic Fibrillogenesis of Laminin in Tumor Vessels for Precise Embolization. <i>ACS Nano</i> , 2020, 14, 7170-7180.	7.3	53
325	Reversal of the immunosuppressive tumor microenvironment by nanoparticle-based activation of immune-associated cells. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 895-901.	2.8	18
326	A biomimetic platelet based on assembling peptides initiates artificial coagulation. <i>Science Advances</i> , 2020, 6, eaaz4107.	4.7	56
327	Combination of tumour-infarction therapy and chemotherapy via the co-delivery of doxorubicin and thrombin encapsulated in tumour-targeted nanoparticles. <i>Nature Biomedical Engineering</i> , 2020, 4, 732-742.	11.6	99
328	A novel CNS-homing peptide for targeting neuroinflammatory lesions in experimental autoimmune encephalomyelitis. <i>Molecular and Cellular Probes</i> , 2020, 51, 101530.	0.9	9
329	Encapsulation and Storage of Therapeutic Fibrin-Homing Peptides using Conducting Polymer Nanoparticles for Programmed Release by Electrical Stimulation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2135-2145.	2.6	26
330	Magnetic Nanoheterostructures. <i>Nanomedicine and Nanotoxicology</i> , 2020, , .	0.1	3
331	Fibronectin-targeted dual-acting micelles for combination therapy of metastatic breast cancer. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 12.	7.1	41
332	Synthesis and functionalization of hyperbranched polymers for targeted drug delivery. <i>Journal of Controlled Release</i> , 2020, 321, 285-311.	4.8	83
333	Targeted delivery of celastrol to renal interstitial myofibroblasts using fibronectin-binding liposomes attenuates renal fibrosis and reduces systemic toxicity. <i>Journal of Controlled Release</i> , 2020, 320, 32-44.	4.8	39
334	Biodistribution, biocompatibility and targeted accumulation of magnetic nanoporous silica nanoparticles as drug carrier in orthopedics. <i>Journal of Nanobiotechnology</i> , 2020, 18, 14.	4.2	28
335	Targeting hemostasis-related moieties for tumor treatment. <i>Thrombosis Research</i> , 2020, 187, 186-196.	0.8	9
336	Stimuli-Responsive Iron Oxide Nanotheranostics: A Versatile and Powerful Approach for Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001044.	3.9	27
337	Dual-peptide functionalized nanoparticles for therapeutic use. <i>Peptide Science</i> , 2021, 113, e24205.	1.0	3
338	Nanoparticles for Anticancer Therapy. <i>Materials Horizons</i> , 2021, , 283-311.	0.3	0
339	Green Nanoparticles: A Hope for Targeted Delivery of Natural Therapeutics for the Management of Glioblastoma Multiforme (GBM). , 2021, , 397-437.		0

#	ARTICLE	IF	CITATIONS
340	Vascular-targeted micelles as a specific MRI contrast agent for molecular imaging of fibrin clots and cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 347-358.	2.0	9
342	Leveraging microenvironmental synthetic lethality to treat cancer. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	17
343	Anti-Tumor Metastasis via Platelet Inhibitor Combined with Photothermal Therapy under Activatable Fluorescence/Magnetic Resonance Bimodal Imaging Guidance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19679-19694.	4.0	13
344	Synthesis and evaluation of tumor-homing peptides for targeting prostate cancer. <i>Amino Acids</i> , 2021, 53, 645-652.	1.2	4
345	Targeting the brain lesions using peptides: A review focused on the possibility of targeted drug delivery to multiple sclerosis lesions. <i>Pharmacological Research</i> , 2021, 167, 105441.	3.1	7
346	Co-delivery of TRAIL and paclitaxel by fibronectin-targeting liposomal nanodisk for effective lung melanoma metastasis treatment. <i>Nano Research</i> , 2022, 15, 728-737.	5.8	8
347	Targeting Tissue Factor to Tumor Vasculature to Induce Tumor Infarction. <i>Cancers</i> , 2021, 13, 2841.	1.7	6
348	Emerging Biomaterials-Based Strategies for Inhibiting Vasculature Function in Cancer Therapy. <i>Small Methods</i> , 2021, 5, e2100347.	4.6	13
349	Cell membrane cloaked nanomedicines for bio-imaging and immunotherapy of cancer: Improved pharmacokinetics, cell internalization and anticancer efficacy. <i>Journal of Controlled Release</i> , 2021, 335, 130-157.	4.8	69
350	Current Strategies for Microbubble-Based Thrombus Targeting: Activation-Specific Epitopes and Small Molecular Ligands. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 699450.	2.0	4
351	Repurposing Erythrocytes as a "Photoactivatable Bomb": A General Strategy for Site-Specific Drug Release in Blood Vessels. <i>Small</i> , 2021, 17, e2100753.	5.2	17
352	Cationic Liposomes as Vectors for Nucleic Acid and Hydrophobic Drug Therapeutics. <i>Pharmaceutics</i> , 2021, 13, 1365.	2.0	61
353	Pharmacokinetic Analysis of Peptide-Modified Nanoparticles with Engineered Physicochemical Properties in a Mouse Model of Traumatic Brain Injury. <i>AAPS Journal</i> , 2021, 23, 100.	2.2	12
354	Repurpose but also (nano)-reformulate! The potential role of nanomedicine in the battle against SARS-CoV2. <i>Journal of Controlled Release</i> , 2021, 337, 258-284.	4.8	12
355	Evolutionary computational platform for the automatic discovery of nanocarriers for cancer treatment. <i>Npj Computational Materials</i> , 2021, 7, .	3.5	12
356	Synthesized nanoparticles, biomimetic nanoparticles and extracellular vesicles for treatment of autoimmune disease: Comparison and prospect. <i>Pharmacological Research</i> , 2021, 172, 105833.	3.1	5
357	PSMA-targeted low-molecular double conjugates for diagnostics and therapy. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113752.	2.6	8
358	Molecular MR Contrast Agents. <i>Investigative Radiology</i> , 2021, 56, 20-34.	3.5	25

#	ARTICLE	IF	CITATIONS
359	Probing Vasculature by In Vivo Phage Display for Target Organ-Specific Delivery in Regenerative Medicine. Reference Series in Biomedical Engineering, 2021, , 179-204.	0.1	0
360	Magnetic Resonance Imaging Agents. , 2021, , 583-601.		0
361	Homing Peptides for Cancer Therapy. Advances in Experimental Medicine and Biology, 2021, 1295, 29-48.	0.8	21
362	Potential of Nanobiotechnology in the Management of Glioblastoma Multiforme. , 2010, , 399-419.		3
363	Iron Oxide Magnetic Nanoparticles (NPs) Tailored for Biomedical Applications. Nanomedicine and Nanotoxicology, 2020, , 57-102.	0.1	6
364	Magnetic Particle Imaging. , 2017, , 69-93.		6
365	Aggregation propensity of therapeutic fibrin-homing pentapeptides: insights from experiments and molecular dynamics simulations. Soft Matter, 2020, 16, 10169-10179.	1.2	3
366	Tumor Homing Peptides as Molecular Probes for Cancer Therapeutics, Diagnostics and Theranostics. Current Medicinal Chemistry, 2014, 21, 2367-2391.	1.2	80
367	Peptide-Conjugated Nanoparticles as Targeted Anti-angiogenesis Therapeutic and Diagnostic in Cancer. Current Medicinal Chemistry, 2019, 26, 5664-5683.	1.2	11
368	Discrepancies in the in vitro and in vivo role of scavenger receptors in clearance of nanoparticles by Kupffer cells. Precision Nanomedicine, 2018, 1, 76-84.	0.4	3
369	PEPTIDES AND POLYPEPTIDES FOR GENE AND DRUG DELIVERY. Acta Polymerica Sinica, 2011, 011, 799-811.	0.0	5
370	Tumor microenvironment and nanotherapeutics. Translational Cancer Research, 2013, 2, 309-319.	0.4	77
371	Dietary Intake of (-)-Epigallocatechin-3-gallate against Aging and Cancers: Nanoencapsulation of Multi-Rings Still Requires New Rounds!. Journal of Nanomaterials & Molecular Nanotechnology, 2013, 02, .	0.1	3
372	Enhanced Detection of Desmoplasia by Targeted Delivery of Iron Oxide Nanoparticles to the Tumour-Specific Extracellular Matrix. Pharmaceutics, 2021, 13, 1663.	2.0	5
373	Bio-Conjugated Quantum Dots for Cancer Research: Detection and Imaging. Frontiers in Oncology, 2021, 11, 749970.	1.3	28
374	Nanostructured Porous Biomaterials for Controlled Drug Release Systems. , 2008, , 193-215.		0
375	Homing Peptides and Vascular Zip Codes. , 2011, , 1723-1724.		0
377	Multifunctional Nanoagents for the Detection and Treatment of Thromboses. , 2011, , 324-344.		0

#	ARTICLE	IF	CITATIONS
378	Molecular Imaging Studies on CD133+ Hematopoietic Stem Cells From Human Umbilical Cord Blood. , 0, , ,		0
379	Nanooncology. , 2014, , 393-472.		0
380	Homing Peptides and Vascular Zip Codes. , 2015, , 1-3.		0
382	Chapter 26: Targeting of Albumin-Embedded Paclitaxel Nanoparticles to Tumors. , 2017, , 647-666.		0
384	Photo-released drugs: a targeted treatment approach for arthritis. , 2020, , .		0
385	Role of Physicochemical Factors on the Efficacy and Safety of Lipid-Based Nanosystems as Potential Drug Carriers. Nano, 2021, 16, .	0.5	1
386	Self-Amplifying Nanotherapeutic Drugs Homing to Tumors in a Manner of Chain Reaction. Advanced Materials, 2021, 33, e2002094.	11.1	20
387	In Vivo Self-Assembly of Polypeptide-Based Nanomaterials. , 2020, , 1023-1043.		0
388	Probing Vasculature by In Vivo Phage Display for Target Organ-Specific Delivery in Regenerative Medicine. , 2020, , 1-26.		0
389	STUDY OF THE SPATIAL STRUCTURE OF THE MOLECULE CYS-ARG-GLU-LYS-ALA. Chronos Journal, 2020, , .	0.0	0
390	Multifunctional Nanoparticles in Precise Cancer Treatment: Considerations in Design and Functionalization of Nanocarriers. Current Topics in Medicinal Chemistry, 2020, 20, 2427-2441.	1.0	4
391	Somatostatin receptor type 2-based reporter expression after plasmid-based in vivo gene delivery to non-small cell lung cancer. Molecular Imaging, 2013, 12, 1-10.	0.7	2
392	Peptide targeted high-resolution molecular imaging of prostate cancer with MRI. American Journal of Nuclear Medicine and Molecular Imaging, 2014, 4, 525-36.	1.0	13
394	Blood cells as supercarrier systems for advanced drug delivery. Medicine in Drug Discovery, 2022, 13, 100119.	2.3	12
395	Recent Advances and Biomedical Applications of Peptide-Integrated Conducting Polymers. ACS Applied Bio Materials, 2022, 5, 1916-1933.	2.3	17
396	Peptide-based anticancer targeted therapeutics. , 2022, , 149-166.		0
397	Emerging landscapes of nanosystems based on pre-metastatic microenvironment for cancer theranostics. Chinese Chemical Letters, 2022, 33, 4157-4168.	4.8	15
398	Engineered Molecular Therapeutics Targeting Fibrin and the Coagulation System: a Biophysical Perspective. Biophysical Reviews, 2022, 14, 427-461.	1.5	8

#	ARTICLE	IF	CITATIONS
399	Targeting the Extracellular Matrix in Traumatic Brain Injury Increases Signal Generation from an Activity-Based Nanosensor. <i>ACS Nano</i> , 2021, 15, 20504-20516.	7.3	7
400	Pulmonary delivery nanomedicines towards circumventing physiological barriers: Strategies and characterization approaches. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114309.	6.6	31
401	Molecular ZIP codes in targeted drug delivery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	7
402	Iron Oxide Nanoparticles: The precise strategy for targeted delivery of genes, oligonucleotides and peptides in cancer therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103585.	1.4	7
403	Modification of adipose mesenchymal stem cells-derived small extracellular vesicles with fibrin-targeting peptide CREKA for enhanced bone repair. <i>Bioactive Materials</i> , 2023, 20, 208-220.	8.6	16
404	Precise fibrin decomposition and tumor mechanics modulation with hydroxyethyl starch-based smart nanomedicine for enhanced antitumor efficacy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 8193-8210.	2.9	7
405	Dendritic Self-assembled Structures from Therapeutic Charged Pentapeptides. <i>Langmuir</i> , 2022, 38, 12905-12914.	1.6	0
406	Learn from antibody-drug conjugates: consideration in the future construction of peptide-drug conjugates for cancer therapy. <i>Experimental Hematology and Oncology</i> , 2022, 11, .	2.0	12
407	Tumor Homing Peptides as Fusion Partners of Therapeutic Proteins for Efficient Delivery to Cancer Cells. <i>Biotechnology and Bioprocess Engineering</i> , 2023, 28, 483-490.	1.4	2
408	Functionally integrating nanoparticles alleviate deep vein thrombosis in pregnancy and rescue intrauterine growth restriction. <i>Nature Communications</i> , 2022, 13, .	5.8	6
409	Recent advances of polymer based nanosystems in cancer management. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2023, 34, 1274-1335.	1.9	6
410	Application of Nanotechnology in Thrombus Therapy. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	11
411	Histone Deacetylase-Triggered Self-Immolative Peptide-Cytotoxins for Cancer-Selective Drug Delivery. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	5
412	Precision Navigation of Venous Thrombosis Guided by Viscosity-Activatable Near-Infrared Fluorescence. <i>Analytical Chemistry</i> , 2023, 95, 2382-2389.	3.2	11
413	Visual Investigation of Tumor-Promoting Fibronectin Potentiated by Obesity in Pancreatic Ductal Adenocarcinoma Using an MR/NIRF Dual-Modality Dendrimer Nanoprobe. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	2
414	SREKA-targeted liposomes for highly metastatic breast cancer therapy. <i>Drug Delivery</i> , 2023, 30, .	2.5	1
415	Targeted nanomedicine: Lessons learned and future directions. <i>Journal of Controlled Release</i> , 2023, 355, 446-457.	4.8	11
416	Recent advances of CREKA peptide-based nanoplatfoms in biomedical applications. <i>Journal of Nanobiotechnology</i> , 2023, 21, .	4.2	6

#	ARTICLE	IF	CITATIONS
417	IFN β blockade in capillary leak site improves tumour chemotherapy by inhibiting lactate-induced endocytosis of vascular endothelial-cadherins. <i>International Journal of Biological Sciences</i> , 2023, 19, 1490-1508.	2.6	0
418	Non-Viral Carriers for Nucleic Acids Delivery: Fundamentals and Current Applications. <i>Life</i> , 2023, 13, 903.	1.1	6
419	Can targeted nanoparticles distinguish cancer metastasis from inflammation?. <i>Journal of Controlled Release</i> , 2023, 362, 812-819.	4.8	0
429	Iron oxide nanoparticles: A promising approach for diagnosis and treatment of cardiovascular diseases. <i>Nano Research</i> , 2023, 16, 12453-12470.	5.8	3