

Application of Nanotechnology in Cancer Therapy and I

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nanoparticle therapeutics: an emerging treatment modality for cancer. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 771-782.	21.5	3,710
2	Advances of Cancer Therapy by Nanotechnology. <i>Cancer Research and Treatment</i> , 2009, 41, 1.	1.3	172
3	Effect of magnetic nanoparticles of Fe ₃ O ₄ and 5-bromotetrandrine on reversal of multidrug resistance in K562/A02 leukemic cells. <i>International Journal of Nanomedicine</i> , 2009, 4, 209.	3.3	24
4	Specific targeting of breast tumor by octreotide-conjugated ultrasmall superparamagnetic iron oxide particles using a clinical 3.0-tesla magnetic resonance scanner. <i>Acta Radiologica</i> , 2009, 50, 583-594.	0.5	29
5	Cancer-Specific Transgene Expression Mediated by Systemic Injection of Nanoparticles. <i>Cancer Research</i> , 2009, 69, 2655-2662.	0.4	74
6	New Developments in Anthracycline-Induced Cardiotoxicity. <i>Current Medicinal Chemistry</i> , 2009, 16, 1656-1672.	1.2	91
7	HFT-T, a Targeting Nanoparticle, Enhances Specific Delivery of Paclitaxel to Folate Receptor-Positive Tumors. <i>ACS Nano</i> , 2009, 3, 3165-3174.	7.3	156
8	Convergence of biomarkers, bioinformatics and nanotechnology for individualized cancer treatment. <i>Trends in Biotechnology</i> , 2009, 27, 350-358.	4.9	83
9	New Generation of Multifunctional Nanoparticles for Cancer Imaging and Therapy. <i>Advanced Functional Materials</i> , 2009, 19, 1553-1566.	7.8	405
11	Targeting and imaging cancer cells by Folate-decorated, quantum dots (QDs)- loaded nanoparticles of biodegradable polymers. <i>Biomaterials</i> , 2009, 30, 1176-1183.	5.7	224
12	Self-Assembled Hydrophobic Honokiol Loaded MPEG-PCL Diblock Copolymer Micelles. <i>Pharmaceutical Research</i> , 2009, 26, 2164-2173.	1.7	76
14	Cytotoxicity of liver targeted drug-loaded alginate nanoparticles. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1382-1387.	0.8	22
15	Imaging applications of nanotechnology in cancer. <i>Targeted Oncology</i> , 2009, 4, 169-181.	1.7	75
16	Fabrication of Anti-human Cardiac Troponin I Immunogold Nanorods for Sensing Acute Myocardial Damage. <i>Nanoscale Research Letters</i> , 2009, 4, 1428-33.	3.1	65
17	Cancer-Cell Targeting and Photoacoustic Therapy Using Carbon Nanotubes as "Bomb" Agents. <i>Small</i> , 2009, 5, 1292-1301.	5.2	139
18	Real time in vitro studies of doxorubicin release from PHEMA nanoparticles. <i>Journal of Nanobiotechnology</i> , 2009, 7, 5.	4.2	90
19	Poly(ϵ -caprolactone)-poly(ethylene glycol)-poly(ϵ -caprolactone) (PCL-PEG-PCL) nanoparticles for honokiol delivery in vitro. <i>International Journal of Pharmaceutics</i> , 2009, 375, 170-176.	2.6	108
20	Biomedical nanoparticle carriers with combined thermal and magnetic responses. <i>Nano Today</i> , 2009, 4, 52-65.	6.2	259

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21	Molecular and magnetic resonance imaging: The value of immunoliposomes. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 1402-1411.	6.6	80
22	Nanotechnology in medicine. <i>Herald of the Russian Academy of Sciences</i> , 2009, 79, 369-377.	0.2	4
23	Functional single-walled carbon nanotubes based on an integrin $\alpha_5\beta_1$ monoclonal antibody for highly efficient cancer cell targeting. <i>Nanotechnology</i> , 2009, 20, 105102.	1.3	63
24	Ligand-based targeted therapy for cancer tissue. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 285-304.	2.4	199
25	Review on early technology assessments of nanotechnologies in oncology. <i>Molecular Oncology</i> , 2009, 3, 394-401.	2.1	28
26	Poly(μ -caprolactone)/Poly(ethylene glycol)/Poly(μ -caprolactone) Nanoparticles: Preparation, Characterization, and Application in Doxorubicin Delivery. <i>Journal of Physical Chemistry B</i> , 2009, 113, 12928-12933.	1.2	72
27	Advances and challenges in smart and functional polymer vesicles. <i>Soft Matter</i> , 2009, 5, 3544.	1.2	531
29	Impact of nanotechnology in breast cancer. <i>Expert Review of Anticancer Therapy</i> , 2009, 9, 1021-1024.	1.1	6
30	Nanotechnology in Urology. <i>Urologic Clinics of North America</i> , 2009, 36, 179-188.	0.8	5
31	Spin-Echo Small Angle Neutron Scattering analysis of liposomes and bacteria. <i>Journal of Physics: Conference Series</i> , 2010, 247, 012016.	0.3	3
33	Anticancer Activity and Therapeutic Applications of Chitosan Nanoparticles. , 2010, , 271-284.		3
34	Multilayer nanoparticles with a magnetite core and a polycation inner shell as pH-responsive carriers for drug delivery. <i>Nanoscale</i> , 2010, 2, 434-441.	2.8	65
35	Design and fabrication of magnetic nanoparticles for targeted drug delivery and imaging. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 284-304.	6.6	1,683
36	Folic acid conjugated nanoparticles of mixed lipid monolayer shell and biodegradable polymer core for targeted delivery of Docetaxel. <i>Biomaterials</i> , 2010, 31, 330-338.	5.7	303
37	Smart nanomaterials for cancer therapy. <i>Science China Chemistry</i> , 2010, 53, 2241-2249.	4.2	17
38	Nanochemoprevention by Bioactive Food Components: A Perspective. <i>Pharmaceutical Research</i> , 2010, 27, 1054-1060.	1.7	65
39	Paclitaxel-Loaded, Folic-Acid-Targeted and TAT-Peptide-Conjugated Polymeric Liposomes: In Vitro and In Vivo Evaluation. <i>Pharmaceutical Research</i> , 2010, 27, 1914-1926.	1.7	61
40	Dynamics of Magnetic Nanoparticle-Based Contrast Agents in Tissues Tracked Using Magnetomotive Optical Coherence Tomography. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2010, 16, 691-697.	1.9	19

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41	Improved tumor-targeting drug delivery and therapeutic efficacy by cationic liposome modified with truncated bFGF peptide. <i>Journal of Controlled Release</i> , 2010, 145, 17-25.	4.8	92
42	Cancer nanotechnology: application of nanotechnology in cancer therapy. <i>Drug Discovery Today</i> , 2010, 15, 842-850.	3.2	550
43	Preparation of MPEG-PLA nanoparticle for honokiol delivery in vitro. <i>International Journal of Pharmaceutics</i> , 2010, 386, 262-267.	2.6	109
44	The cytotoxicity of CdTe quantum dots and the relative contributions from released cadmium ions and nanoparticle properties. <i>Biomaterials</i> , 2010, 31, 4829-4834.	5.7	265
45	A near-infrared fluorescent heptamethine indocyanine dye with preferential tumor accumulation for in vivo imaging. <i>Biomaterials</i> , 2010, 31, 6612-6617.	5.7	225
46	Amphiphilic hyper-branched co-polymer nanoparticles for the controlled delivery of anti-tumor agents. <i>Biomaterials</i> , 2010, 31, 7364-7375.	5.7	44
47	A strategy for precision engineering of nanoparticles of biodegradable copolymers for quantitative control of targeted drug delivery. <i>Biomaterials</i> , 2010, 31, 9145-9155.	5.7	149
48	Review article: gene therapy, recent developments and future prospects in gastrointestinal oncology. <i>Alimentary Pharmacology and Therapeutics</i> , 2010, 32, 953-968.	1.9	37
49	Nanoparticle-labeled stem cells: a novel therapeutic vehicle. <i>Clinical Pharmacology: Advances and Applications</i> , 2010, 2, 9.	0.8	19
50	POLYMER-MODIFIED GADOLINIUM NANOPARTICLES FOR TARGETED MAGNETIC RESONANCE IMAGING AND THERAPY. <i>Nano LIFE</i> , 2010, 01, 263-275.	0.6	5
51	In vivo magnetomotive optical molecular imaging using targeted magnetic nanoprobes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8085-8090.	3.3	113
52	The use of Nanocarriers for Drug Delivery in Cancer Therapy David R. Khan. <i>Journal of Cancer Science & Therapy</i> , 2010, 02, 058-062.	1.7	51
53	Targeted Contrast Agents—An Adjunct to Whole-Body Imaging: Current Concepts. <i>Seminars in Musculoskeletal Radiology</i> , 2010, 14, 086-094.	0.4	0
54	Novel Biomaterials and Nano-Biotechnology Approaches in Tumor Diagnosis. <i>Advances in Science and Technology</i> , 2010, 76, 78-89.	0.2	0
55	Recent Development and Application of Magnetic Nanoparticles for Cell Labeling and Imaging. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 194-203.	1.1	25
56	Optical imaging-guided cancer therapy with fluorescent nanoparticles. <i>Journal of the Royal Society Interface</i> , 2010, 7, 3-18.	1.5	189
57	Plugging into Proteins: Poisoning Protein Function by a Hydrophobic Nanoparticle. <i>ACS Nano</i> , 2010, 4, 7508-7514.	7.3	168
58	Improved Therapeutic Effect of DOX-PLGA-PEG Micelles Decorated with Bivalent Fragment HAb18 F(ab ₂) for Hepatocellular Carcinoma. <i>Biomacromolecules</i> , 2010, 11, 2422-2431.	2.6	51

#	ARTICLE	IF	CITATIONS
59	Interfacial Activity Assisted Surface Functionalization: A Novel Approach To Incorporate Maleimide Functional Groups and cRGD Peptide on Polymeric Nanoparticles for Targeted Drug Delivery. Molecular Pharmaceutics, 2010, 7, 1108-1117.	2.3	47
60	Synthesis and Characterization of mPEG-PCL- <i>g</i> -PEI and Self-Assembled Nanoparticle Uptake in Vitro and in Vivo. Journal of Physical Chemistry C, 2010, 114, 21315-21321.	1.5	21
61	MAGNETIC NANOPARTICLE HYPERTHERMIA IN CANCER TREATMENT. Nano LIFE, 2010, 01, 17-32.	0.6	295
62	Small-molecule delivery by nanoparticles for anticancer therapy. Trends in Molecular Medicine, 2010, 16, 594-602.	3.5	172
63	Les nanoparticules. Medecine Nucleaire, 2010, 34, 370-376.	0.2	8
64	The alluring potential of functionalized carbon nanotubes in drug discovery. Expert Opinion on Drug Discovery, 2010, 5, 691-707.	2.5	53
65	Cyanine dyes in optical imaging of tumours. Lancet Oncology, The, 2010, 11, 815-816.	5.1	28
66	On Cancer Nanotechnology. Key Engineering Materials, 2010, 441, 307-332.	0.4	0
67	Inductively coupled RF heating of nano-particle for non-invasive and selective cancer cell destruction. , 2010, , .		0
68	Multimodal superparamagnetic nanoplatform for clinical applications: immunoassays, imaging & therapy. Faraday Discussions, 2011, 149, 211-225.	1.6	44
69	Carbon Nanotube Wins the Competitive Binding over Proline-Rich Motif Ligand on SH3 Domain. Journal of Physical Chemistry C, 2011, 115, 12322-12328.	1.5	56
70	A Folate Receptor-Targeting Nanoparticle Minimizes Drug Resistance in a Human Cancer Model. ACS Nano, 2011, 5, 6184-6194.	7.3	128
71	Future of nanomedicine: obstacles and remedies. Nanomedicine, 2011, 6, 747-755.	1.7	44
72	Nanoparticles in Drug Delivery and Cancer Therapy: The Giant Rats Tail. Journal of Cancer Therapy, 2011, 02, 325-334.	0.1	31
73	Improving anticancer activity and reducing systemic toxicity of doxorubicin by self-assembled polymeric micelles. Nanotechnology, 2011, 22, 095102.	1.3	33
74	Aqueous Colloidal Mesoporous Nanoparticles with Ethenylene-Bridged Silsesquioxane Frameworks. Journal of the American Chemical Society, 2011, 133, 8102-8105.	6.6	170
75	Uniform hollow mesoporous silica nanocages for drug delivery in vitro and in vivo for liver cancer therapy. Journal of Materials Chemistry, 2011, 21, 5299.	6.7	101
76	Tumor Specific Delivery and Therapy by Double-Targeted Nanostructured Lipid Carriers with Anti-VEGFR-2 Antibody. Molecular Pharmaceutics, 2011, 8, 2291-2301.	2.3	88

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77	Curcumin-loaded biodegradable polymeric micelles for colon cancer therapy in vitro and in vivo. <i>Nanoscale</i> , 2011, 3, 1558.	2.8	369
78	Recent Patents on Biomedical Devices and Nanomaterials for Hyperthermal Therapy of Cancer. <i>Recent Patents on Nanomedicine</i> , 2011, 1, 19-37.	0.5	3
79	Gene therapy for C-26 colon cancer using heparin-polyethyleneimine nanoparticle-mediated survivin T34A. <i>International Journal of Nanomedicine</i> , 2011, 6, 2419.	3.3	12
80	Nanotherapeutics to Overcome Conventional Cancer Chemotherapy Limitations. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2011, 14, 67.	0.9	396
81	RNA aptamer against a cancer stem cell marker epithelial cell adhesion molecule. <i>Cancer Science</i> , 2011, 102, 991-998.	1.7	199
82	Construction of amphiphilic copolymer nanoparticles based on hyperbranched Poly (Amine-Ester) and 1,2-Dipalmitoyl-Sn-Glycero-3-Phosphoethanolamine as drug carriers for cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 945-954.	1.7	9
83	Multifunctional silica nanoparticles for targeted delivery of hydrophobic imaging and therapeutic agents. <i>International Journal of Pharmaceutics</i> , 2011, 421, 370-378.	2.6	28
84	Newly developed strategies for multifunctional mitochondria-targeted agents in cancer therapy. <i>Drug Discovery Today</i> , 2011, 16, 140-146.	3.2	123
85	Targeting survivin in cancer: the cell-signalling perspective. <i>Drug Discovery Today</i> , 2011, 16, 485-494.	3.2	110
86	The encapsulation of β -lapachone in 2-hydroxypropyl- β -cyclodextrin inclusion complex into liposomes: A physicochemical evaluation and molecular modeling approach. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 332-340.	1.9	59
87	Hyaluronan-modified magnetic nanoclusters for detection of CD44-overexpressing breast cancer by MR imaging. <i>Biomaterials</i> , 2011, 32, 7941-7950.	5.7	104
88	Adsorption of Villin Headpiece onto Graphene, Carbon Nanotube, and C60: Effect of Contacting Surface Curvatures on Binding Affinity. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23323-23328.	1.5	181
89	Synthesis and application of superparamagnetic iron oxide nanoparticles in targeted therapy and imaging of cancer. <i>Frontiers of Medicine</i> , 2011, 5, 379-387.	1.5	45
90	PLGA nanoparticles containing various anticancer agents and tumour delivery by EPR effect. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 170-183.	6.6	908
91	Multimodal tumor imaging by iron oxides and quantum dots formulated in poly (lactic) Tj ETQqO O O rgBT /Overlock 10 Tf 50 187 Td (ac 2969-2978.	5.7	106
92	Fluorescent nanoparticle probes for imaging of cancer. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2011, 3, 501-510.	3.3	34
93	Liposomal nanostructures for photosensitizer delivery. <i>Lasers in Surgery and Medicine</i> , 2011, 43, 734-748.	1.1	93
94	Polyhedral Oligomeric Silsesquioxanes-Containing Conjugated Polymer Loaded PLGA Nanoparticles with Trastuzumab (Herceptin) Functionalization for HER2-Positive Cancer Cell Detection. <i>Advanced Functional Materials</i> , 2011, 21, 287-294.	7.8	75

#	ARTICLE	IF	CITATIONS
96	Delivery of nanoparticle-complexed drugs across the vascular endothelial barrier via caveolae. <i>IUBMB Life</i> , 2011, 63, 659-667.	1.5	103
97	Novel amphiphilic dextran copolymers nanoparticles for delivery of doxorubicin. <i>Journal of Applied Polymer Science</i> , 2011, 120, 2448-2458.	1.3	2
98	Improved therapeutic effect of folate-decorated PLGA-PEG nanoparticles for endometrial carcinoma. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4057-4066.	1.4	87
99	Utilization of monoclonal antibody-targeted nanomaterials in the treatment of cancer. <i>MAbs</i> , 2011, 3, 467-478.	2.6	27
100	Cancer-Targeting Multifunctionalized Gold Nanoparticles in Imaging and Therapy. <i>Current Medicinal Chemistry</i> , 2011, 18, 2086-2102.	1.2	88
101	Nanotechnology in cancer treatment. , 2011, , .		1
102	Biodegradable methoxy poly (ethylene glycol)-poly (lactide) nanoparticles for controlled delivery of dacarbazine: Preparation, characterization and anticancer activity evaluation. <i>African Journal of Pharmacy and Pharmacology</i> , 2011, 5, 1369-1377.	0.2	13
103	Active-Targeted Nanotherapy Strategies for Prostate Cancer. <i>Current Cancer Drug Targets</i> , 2011, 11, 954-965.	0.8	20
105	Nanoparticle Delivery of Natural Products in the Prevention and Treatment of Cancers: Current Status and Future Prospects. <i>Cancers</i> , 2011, 3, 4024-4045.	1.7	93
106	Superparamagnetic Nanoparticles and RNAi-Mediated Gene Silencing: Evolving Class of Cancer Diagnostics and Therapeutics. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-15.	1.5	8
107	Scope of Nanotechnology-based Radiation Therapy and Thermo-therapy Methods in Cancer Treatment. <i>Current Cancer Drug Targets</i> , 2012, 12, 998-1015.	0.8	31
108	Nanostructured porous Si-based nanoparticles for targeted drug delivery. <i>Biomatter</i> , 2012, 2, 296-312.	2.6	112
109	Radiolabeling of folate targeted multifunctional conjugate with Technetium-99m and biodistribution studies in rats. <i>Journal of Drug Targeting</i> , 2012, 20, 509-514.	2.1	6
110	The Treatment of Breast Cancer Using Liposome Technology. <i>Journal of Drug Delivery</i> , 2012, 2012, 1-6.	2.5	42
111	Biosynthesis and adhesion of gold nanoparticles for breast cancer detection and treatment. <i>Journal of Materials Research</i> , 2012, 27, 2891-2901.	1.2	30
112	Biocompatible and biodegradable polymersomes as delivery vehicles in biomedical applications. <i>Soft Matter</i> , 2012, 8, 8811.	1.2	94
113	High Resolution Fluorescence Imaging of Cancers Using Lanthanide Ion-Doped Upconverting Nanocrystals. <i>Cancers</i> , 2012, 4, 1067-1105.	1.7	53
114	Applications of polymeric micelles with tumor targeted in chemotherapy. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	28

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115	The impact of effective patents on future innovations in nanomedicine. <i>Pharmaceutical Patent Analyst</i> , 2012, 1, 37-43.	0.4	13
116	Impact of nanotechnology in cancer: emphasis on nanochemoprevention. <i>International Journal of Nanomedicine</i> , 2012, 7, 591.	3.3	59
117	Magnetic Nanoparticle-Based Hyperthermia for Head & Neck Cancer in Mouse Models. <i>Theranostics</i> , 2012, 2, 113-121.	4.6	143
118	The transferrin receptor and the targeted delivery of therapeutic agents against cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 291-317.	1.1	610
119	Preparation and characterization of lipid vesicles entrapping iron oxide nanoparticles. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2012, 7, S335.	0.8	10
120	A Molecular Imaging Primer: Modalities, Imaging Agents, and Applications. <i>Physiological Reviews</i> , 2012, 92, 897-965.	13.1	928
121	Chitosan–Pluronic nanoparticles as oral delivery of anticancer gemcitabine: preparation and in vitro study. <i>International Journal of Nanomedicine</i> , 2012, 7, 1851.	3.3	94
122	Drug Delivery Using Nanocarriers: Indian Perspective. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2012, 82, 167-206.	0.4	25
123	Emerging inorganic nanomaterials for pancreatic cancer diagnosis and treatment. <i>Cancer Treatment Reviews</i> , 2012, 38, 566-579.	3.4	113
124	TAT Peptide-Functionalized Gold Nanostars: Enhanced Intracellular Delivery and Efficient NIR Photothermal Therapy Using Ultralow Irradiance. <i>Journal of the American Chemical Society</i> , 2012, 134, 11358-11361.	6.6	491
125	A review on comb-shaped amphiphilic polymers for hydrophobic drug solubilization. <i>Therapeutic Delivery</i> , 2012, 3, 59-79.	1.2	27
126	Tapping the potential of quantum dots for personalized oncology: current status and future perspectives. <i>Nanomedicine</i> , 2012, 7, 411-428.	1.7	48
127	Delivering instilled hydrophobic drug to the bladder by a cationic nanoparticle and thermo-sensitive hydrogel composite system. <i>Nanoscale</i> , 2012, 4, 6425.	2.8	62
128	Polymer-Modified Nanoparticles as Targeted MR Imaging Agents. <i>Nanostructure Science and Technology</i> , 2012, , 173-198.	0.1	1
129	Folate-targeted docetaxel-lipid-based-nanosuspensions for active-targeted cancer therapy. <i>International Journal of Nanomedicine</i> , 2012, 7, 3281.	3.3	37
130	Efficient Delivery of Antitumor Drug to the Nuclei of Tumor Cells by Amphiphilic Biodegradable Poly(L-aspartic Acid–L-lactic Acid)/DPPE Co–Polymer Nanoparticles. <i>Small</i> , 2012, 8, 1596-1606.	5.2	91
131	Factors Controlling Nanoparticle Pharmacokinetics: An Integrated Analysis and Perspective. <i>Annual Review of Pharmacology and Toxicology</i> , 2012, 52, 481-503.	4.2	477
132	A simple confined impingement jets mixer for flash nanoprecipitation. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 4018-4023.	1.6	137

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133	PEG Coated Biocompatible Cadmium Chalcogenide Quantum Dots for Targeted Imaging of Cancer Cells. <i>Journal of Fluorescence</i> , 2012, 22, 931-944.	1.3	18
134	Elaboration and characterization of nanoliposome made of soya; rapeseed and salmon lecithins: Application to cell culture. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 95, 75-81.	2.5	55
135	Multifunctional nanoprobes for upconversion fluorescence, MR and CT trimodal imaging. <i>Biomaterials</i> , 2012, 33, 1079-1089.	5.7	388
136	Chlorin-PEI-labeled cellulose nanocrystals: Synthesis, characterization and potential application in PDT. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 3648-3652.	1.0	62
137	Revisiting the time for removing the unloaded drug by dialysis method based on a biocompatible and biodegradable polymer vesicle. <i>Polymer</i> , 2012, 53, 2068-2073.	1.8	29
138	Cytotoxic effect of Green synthesized silver nanoparticles using <i>Melia azedarach</i> against in vitro HeLa cell lines and lymphoma mice model. <i>Process Biochemistry</i> , 2012, 47, 273-279.	1.8	279
139	Targeted Multifunctional Multimodal Protein-Shell Microspheres as Cancer Imaging Contrast Agents. <i>Molecular Imaging and Biology</i> , 2012, 14, 17-24.	1.3	49
140	Green Synthesis of Silver Nanoparticles by <i>Plumbago indica</i> and Its Antitumor Activity Against Dalton's Lymphoma Ascites Model. <i>BioNanoScience</i> , 2013, 3, 394-402.	1.5	16
141	Design and Synthesis of Lipidic Organoalkoxysilanes for the Self-Assembly of Liposomal Nanohybrid Cerasomes with Controlled Drug Release Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 16113-16121.	1.7	33
142	ANTICANCER MEDICINES (DOXORUBICIN AND METHOTREXATE) CONJUGATED WITH MAGNETIC NANOPARTICLES FOR TARGETING DRUG DELIVERY THROUGH IRON. <i>Preparative Biochemistry and Biotechnology</i> , 2013, 43, 781-797.	1.0	10
143	Nanooncology: The future of cancer diagnosis and therapy. <i>Ca-A Cancer Journal for Clinicians</i> , 2013, 63, 395-418.	157.7	481
144	Enhanced Anticancer Potential of Encapsulated Solid Lipid Nanoparticles of TPD: A Novel Triterpenediol from <i>Boswellia serrata</i> . <i>Molecular Pharmaceutics</i> , 2013, 10, 225-235.	2.3	45
145	Fluorescent nanothermometers provide controlled plasmonic-mediated intracellular hyperthermia. <i>Nanomedicine</i> , 2013, 8, 379-388.	1.7	49
146	Design and applications of gold nanoparticle conjugates by exploiting biomolecule-gold nanoparticle interactions. <i>Nanoscale</i> , 2013, 5, 2589.	2.8	71
147	A review of current nanoparticle and targeting moieties for the delivery of cancer therapeutics. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 416-427.	1.9	640
148	Nanotechnology-based photodynamic therapy. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 16-26.	0.4	23
149	Biopolymer-Based Nanoparticles for Drug/Gene Delivery and Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2013, 14, 1629-1654.	1.8	552
150	Antiproliferative effect of silver nanoparticles synthesized using amla on Hep2 cell line. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 1-10.	0.4	88

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151	Nanoparticles squeezing across the bloodâ€“endothelial barrier via caveolae. <i>Therapeutic Delivery</i> , 2013, 4, 131-133.	1.2	23
152	Enhanced loading of doxorubicin into polymeric micelles by a combination of ionic bonding and hydrophobic effect, and the pH-sensitive and ligand-mediated delivery of loaded drug. <i>Reactive and Functional Polymers</i> , 2013, 73, 564-572.	2.0	20
153	Plasmonic nanoprobe for intracellular sensing and imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6165-6180.	1.9	56
154	Engineering the Assemblies of Biomaterial Nanocarriers for Delivery of Multiple Theranostic Agents with Enhanced Antitumor Efficacy. <i>Advanced Materials</i> , 2013, 25, 1616-1622.	11.1	95
155	Different strategies to overcome multidrug resistance in cancer. <i>Biotechnology Advances</i> , 2013, 31, 1397-1407.	6.0	215
156	Enhanced Vascular Permeability in Solid Tumors: A Promise for Anticancer Nanomedicine. <i>Cancer Metastasis - Biology and Treatment</i> , 2013, , 81-118.	0.1	1
157	Construction of amphiphilic copolymer nanoparticles based on gelatin as drug carriers for doxorubicin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 833-841.	2.5	44
158	Applications of Nanotechnology to the Brain and Central Nervous System. , 2013, , 21-41.		2
159	Self-assembled liposomal nanoparticles in photodynamic therapy. <i>European Journal of Nanomedicine</i> , 2013, 5, .	0.6	48
160	Galactosylated Chitosan Oligosaccharide Nanoparticles for Hepatocellular Carcinoma Cell-Targeted Delivery of Adenosine Triphosphate. <i>International Journal of Molecular Sciences</i> , 2013, 14, 15755-15766.	1.8	46
161	Formulation and evaluation of drug-loaded targeted magnetic microspheres for cancer therapy. <i>International Journal of Nanomedicine</i> , 2013, 8, 1393.	3.3	36
162	Preparation, characterization and application of star-shaped PCL/PEG micelles for the delivery of doxorubicin in the treatment of colon cancer. <i>International Journal of Nanomedicine</i> , 2013, 8, 971.	3.3	68
163	Liposomal Doxorubicin in the Treatment of Breast Cancer Patients: A Review. <i>Journal of Drug Delivery</i> , 2013, 2013, 1-12.	2.5	132
164	pHâ€“responsive polymers for imaging acidic biological environments in tumors. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 1062-1067.	2.4	16
165	Micro/Nanospheres for Gene Drug Delivery. , 2013, , 321-370.		0
166	Promising Application of Nanotechnology in Anticancer Drug Delivery. <i>Drug Designing: Open Access</i> , 2013, 02, .	0.2	4
167	Exploring the Influence of Carbon Nanoparticles on the Formation of Î²-Sheet-Rich Oligomers of IAPP22â€“28 Peptide by Molecular Dynamics Simulation. <i>PLoS ONE</i> , 2013, 8, e65579.	1.1	48
168	Organelle targeting: third level of drug targeting. <i>Drug Design, Development and Therapy</i> , 2013, 7, 585.	2.0	154

#	ARTICLE	IF	CITATIONS
169	Accelerated killing of cancer cells using a multifunctional single-walled carbon nanotube-based system for targeted drug delivery in combination with photothermal therapy. <i>International Journal of Nanomedicine</i> , 2013, 8, 2653.	3.3	61
170	Subacute toxicity of cadmium on hepatocytes and nephrocytes in the rat could be considered as a green biosynthesis of nanoparticles. <i>International Journal of Nanomedicine</i> , 2013, 8, 1121.	3.3	22
171	Intracellular uptake of etoposide-loaded solid lipid nanoparticles induces an enhancing inhibitory effect on gastric cancer through mitochondria-mediated apoptosis pathway. <i>International Journal of Nanomedicine</i> , 2014, 9, 3987.	3.3	61
172	Non-Pegylated Liposomal Doxorubicin-Cyclophosphamide in Sequential Regimens with Taxanes as Neoadjuvant Chemotherapy in Breast Cancer Patients. <i>Journal of Cancer</i> , 2014, 5, 398-405.	1.2	8
173	Applications of Nanotechnology in Cancer: A Literature Review of Imaging and Treatment. <i>Journal of Nuclear Medicine & Radiation Therapy</i> , 2014, 05, .	0.2	17
174	Toxic Potential of Synthesized Graphene Zinc Oxide Nanocomposite in the Third Instar Larvae of Transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ)Bg9. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	25
175	Cerium oxide nanoparticles in cancer. <i>OncoTargets and Therapy</i> , 2014, 7, 835.	1.0	134
176	Non-pegylated liposome-encapsulated doxorubicin citrate plus cyclophosphamide or vinorelbine in metastatic breast cancer not previously treated with chemotherapy: A multicenter phase III study. <i>International Journal of Oncology</i> , 2014, 45, 2137-2142.	1.4	22
177	Carcinogenic potential of metal nanoparticles in BALB/3T3 cell transformation assay. <i>Environmental Toxicology</i> , 2016, 31, 509-519.	2.1	20
178	Nanobiosensors: Role in Cancer Detection and Diagnosis. <i>Advances in Experimental Medicine and Biology</i> , 2014, 807, 33-58.	0.8	19
179	Liposomes versus metallic nanostructures: differences in the process of knowledge translation in cancer. <i>International Journal of Nanomedicine</i> , 2014, 9, 2627.	3.3	9
180	The use of cationic MPEG-PCL-g-PEI micelles for co-delivery of survivin T34A gene and doxorubicin. <i>Biomaterials</i> , 2014, 35, 4536-4547.	5.7	87
181	Polybutylcyanoacrylate Nanoparticles and Drugs of the Platinum Family: Last Status. <i>Indian Journal of Clinical Biochemistry</i> , 2014, 29, 333-338.	0.9	25
182	Effect of Gold Nanoparticles on Properties of Nanoliposomal Hydroxyurea: An In Vitro Study. <i>Indian Journal of Clinical Biochemistry</i> , 2014, 29, 315-320.	0.9	17
183	Paclitaxel-loaded nanoparticles decorated with anti-CD133 antibody: a targeted therapy for liver cancer stem cells. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	17
184	Curcumin loaded poly(2-hydroxyethyl methacrylate) nanoparticles from gelled ionic liquid: In vitro cytotoxicity and anti-cancer activity in SKOV-3 cells. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 51, 34-44.	1.9	96
185	Reduction of nonspecific binding for cellular imaging using quantum dots conjugated with vitamin E. <i>AICHE Journal</i> , 2014, 60, 1591-1597.	1.8	5
186	Recent advances in liposomal nanohybrid cerasomes as promising drug nanocarriers. <i>Advances in Colloid and Interface Science</i> , 2014, 207, 32-42.	7.0	69

#	ARTICLE	IF	CITATIONS
187	Nanotechnology-based intelligent drug design for cancer metastasis treatment. <i>Biotechnology Advances</i> , 2014, 32, 761-777.	6.0	151
188	Nanotechnology applications in urology: a review. <i>BJU International</i> , 2014, 114, 653-660.	1.3	4
189	The adsorption mechanism and induced conformational changes of three typical proteins with different secondary structural features on graphene. <i>RSC Advances</i> , 2014, 4, 9953.	1.7	54
190	DNA Nanostructure-Based Imaging Probes and Drug Carriers. <i>ChemMedChem</i> , 2014, 9, 2013-2020.	1.6	25
191	The molecular mechanism of fullerene-inhibited aggregation of Alzheimer's β -amyloid peptide fragment. <i>Nanoscale</i> , 2014, 6, 9752-9762.	2.8	135
192	Multiplexed detection of various breast cancer cells by perfluorocarbon/quantum dot nanoemulsions conjugated with antibodies. <i>Nano Convergence</i> , 2014, 1, 23.	6.3	25
193	Can small hydrophobic gold nanoparticles inhibit β -microglobulin fibrillation?. <i>Nanoscale</i> , 2014, 6, 7903-7911.	2.8	37
194	Efficacy of Cisplatin-loaded poly butyl cyanoacrylate nanoparticles on the ovarian cancer: an in vitro study. <i>Tumor Biology</i> , 2014, 35, 7491-7497.	0.8	21
195	Superparamagnetic iron oxide nanoparticles mediated 131I-hVEGF siRNA inhibits hepatocellular carcinoma tumor growth in nude mice. <i>BMC Cancer</i> , 2014, 14, 114.	1.1	44
196	Exploring the Photophysics of Curcumin in Zwitterionic Micellar System: An Approach to Control ESIPT Process in the Presence of Room Temperature Ionic Liquids (RTILs) and Anionic Surfactant. <i>Journal of Physical Chemistry B</i> , 2014, 118, 3669-3681.	1.2	33
197	Ultra-small Plutonium Oxide Nanocrystals: An Innovative Material in Plutonium Science. <i>Chemistry - A European Journal</i> , 2014, 20, 10431-10438.	1.7	40
198	Nano-Polypharmacy to Treat Tumors: Coencapsulation of Drug Combinations Using Nanoparticle Technology. <i>Molecular Therapy</i> , 2014, 22, 1239-1240.	3.7	11
199	Engineered, self-assembled near-infrared photothermal agents for combined tumor immunotherapy and chemo-photothermal therapy. <i>Biomaterials</i> , 2014, 35, 6646-6656.	5.7	131
200	Intracellular transport of nanodiamond particles in human endothelial and epithelial cells. <i>Chemico-Biological Interactions</i> , 2014, 219, 90-100.	1.7	19
201	Folate receptor-targeted liposomes enhanced the antitumor potency of imatinib through the combination of active targeting and molecular targeting. <i>International Journal of Nanomedicine</i> , 2014, 9, 2167.	3.3	45
203	Nano-pharmaceutical Formulations for Targeted Drug Delivery against HER2 in Breast Cancer. <i>Current Cancer Drug Targets</i> , 2015, 15, 71-86.	0.8	30
204	Smart Mesoporous Nanomaterials for Antitumor Therapy. <i>Nanomaterials</i> , 2015, 5, 1906-1937.	1.9	79
205	Resveratrol and Omega-3 Fatty Acid: Its Implications in Cardiovascular Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 38.	1.1	23

#	ARTICLE	IF	CITATIONS
206	Codelivery of SH-aspirin and curcumin by mPEG-PLGA nanoparticles enhanced antitumor activity by inducing mitochondrial apoptosis. <i>International Journal of Nanomedicine</i> , 2015, 10, 5205.	3.3	30
207	CD44v6 Monoclonal Antibody-Conjugated Gold Nanostars for Targeted Photoacoustic Imaging and Plasmonic Photothermal Therapy of Gastric Cancer Stem-like Cells. <i>Theranostics</i> , 2015, 5, 970-984.	4.6	135
208	PEGylated Polypyrrole Nanoparticles Conjugating Gadolinium Chelates for Dual-Modal MRI/Photoacoustic Imaging Guided Photothermal Therapy of Cancer. <i>Advanced Functional Materials</i> , 2015, 25, 1451-1462.	7.8	209
209	Hybrid cholesterol-based nanocarriers containing phosphorescent Ir complexes: in vitro imaging on glioblastoma cell line. <i>RSC Advances</i> , 2015, 5, 1091-1096.	1.7	6
210	Efficient delivery of antigen to DCs using yeast-derived microparticles. <i>Scientific Reports</i> , 2015, 5, 10687.	1.6	31
211	Application of Nanotechnology in Biomedicine: A Major Focus on Cancer Therapy &sup>1</sup>. <i>Journal of Nano Research</i> , 0, 35, 55-66.	0.8	18
212	Gelatin microcapsules for enhanced microwave tumor hyperthermia. <i>Nanoscale</i> , 2015, 7, 3147-3154.	2.8	41
213	An efficient injectable formulation with block copolymer micelles for hydrophobic antitumor candidate-pyridazinone derivatives. <i>Nanomedicine</i> , 2015, 10, 2153-2165.	1.7	6
214	Folate-conjugated nanoparticles as a potent therapeutic approach in targeted cancer therapy. <i>Tumor Biology</i> , 2015, 36, 5727-5742.	0.8	96
216	Multifunctional nanoparticles: recent progress in cancer therapeutics. <i>Chemical Communications</i> , 2015, 51, 13248-13259.	2.2	131
217	Surface Curvature Relation to Protein Adsorption for Carbon-based Nanomaterials. <i>Scientific Reports</i> , 2015, 5, 10886.	1.6	97
218	Transferrin-conjugated doxorubicin-loaded lipid-coated nanoparticles for the targeting and therapy of lung cancer. <i>Oncology Letters</i> , 2015, 9, 1065-1072.	0.8	94
219	Anti-cancer activity of pegylated liposomal trans-anethole on breast cancer cell lines MCF-7 and T47D. <i>Biotechnology Letters</i> , 2015, 37, 1355-1359.	1.1	22
220	Silk fibroin nanoparticle as a novel drug delivery system. <i>Journal of Controlled Release</i> , 2015, 206, 161-176.	4.8	304
221	A Chimeric Cetuximab-Functionalized Corona as a Potent Delivery System for Microtubule-Destabilizing Nanocomplexes to Hepatocellular Carcinoma Cells: A Focus on EGFR and Tubulin Intracellular Dynamics. <i>Molecular Pharmaceutics</i> , 2015, 12, 3908-3923.	2.3	10
222	Laser induced fluorescence spectroscopy of various carbon nanostructures (GO, G and Tj ETQq1 1 0.784314 rgBT /Qverlock_10 Tf 50 1.5 22		
223	Fullerene and Derivatives. , 2015, , 17-43.		0
224	Chlorotoxin-Conjugated Multifunctional Dendrimers Labeled with Radionuclide ¹³¹I for Single Photon Emission Computed Tomography Imaging and Radiotherapy of Gliomas. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 19798-19808.	4.0	106

#	ARTICLE	IF	CITATIONS
225	An investigation of antitumor efficiency of novel sustained and targeted 5-fluorouracil nanoparticles. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 882-889.	2.6	20
226	Surface functionalized mesoporous silica nanoparticles as an effective carrier for epirubicin delivery to cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 248-258.	2.0	87
227	Cancer active targeting by nanoparticles: a comprehensive review of literature. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 769-784.	1.2	540
228	Nanoparticulate carriers: an emerging tool for breast cancer therapy. <i>Journal of Drug Targeting</i> , 2015, 23, 97-108.	2.1	15
229	Nanomaterials incorporated ultrasound contrast agents for cancer theranostics. <i>Cancer Biology and Medicine</i> , 2016, 13, 313-324.	1.4	21
230	Theoretical investigations of interactions between boron nitride nanotubes and drugs. , 2016, , 59-77.		9
231	Oxygen-generating nanobiomaterials for the treatment of diabetes. , 2016, , 331-353.		2
232	Quantum dot-based immunofluorescent imaging and quantitative detection of TOP2A and prognostic value in triple-negative breast cancer. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5519-5529.	3.3	35
233	Engineered nanoparticles as a precise delivery system in cancer therapeutics. , 2016, , 397-427.		10
234	Liver-targeting Resibufogenin-loaded poly(lactic-co-glycolic acid)-D-α-tocopheryl polyethylene glycol 1000 succinate nanoparticles for liver cancer therapy. <i>International Journal of Nanomedicine</i> , 2016, 11, 449.	3.3	14
235	Biodegradable micelles enhance the antiglioma activity of curcumin in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2016, 11, 2721.	3.3	21
236	Increasing roughness of the human breast cancer cell membrane through incorporation of gold nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5149-5161.	3.3	15
237	Novel walnut peptide–selenium hybrids with enhanced anticancer synergism: facile synthesis and mechanistic investigation of anticancer activity. <i>International Journal of Nanomedicine</i> , 2016, 11, 1305.	3.3	42
238	Glycolysis inhibition as a cancer treatment and its role in an anti-tumour immune response. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1866, 87-105.	3.3	96
239	Synthesis of a new nanoparticle system based on electrostatic alginate-piperazine interactions. <i>Polymers for Advanced Technologies</i> , 2016, 27, 623-629.	1.6	8
240	Development of chitosan graft pluronic ^Â F127 copolymer nanoparticles containing DNA aptamer for paclitaxel delivery to treat breast cancer cells. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2016, 7, 025018.	0.7	18
241	Effect of Modification Protocols on the Effectiveness of Gold Nanoparticles as Drug Delivery Vehicles for Killing of Breast Cancer Cells. <i>Australian Journal of Chemistry</i> , 2016, 69, 1402.	0.5	11
242	Electrospun nanofibers for cancer diagnosis and therapy. <i>Biomaterials Science</i> , 2016, 4, 922-932.	2.6	130

#	ARTICLE	IF	CITATIONS
243	Nanotechnology for cancer therapy. , 2016, , 395-470.		2
244	Curcumin-docetaxel co-loaded nanosuspension for enhanced anti-breast cancer activity. Expert Opinion on Drug Delivery, 2016, 13, 1065-1074.	2.4	46
246	Charge-Reversal APTES-Modified Mesoporous Silica Nanoparticles with High Drug Loading and Release Controllability. ACS Applied Materials & Interfaces, 2016, 8, 17166-17175.	4.0	101
247	MMP-9 triggered self-assembly of doxorubicin nanofiber depots halts tumor growth. Biomaterials, 2016, 98, 192-202.	5.7	131
248	Topical MMP beacon enabled fluorescence-guided resection of oral carcinoma. Biomedical Optics Express, 2016, 7, 1089.	1.5	5
249	Microfluidics-mediated assembly of functional nanoparticles for cancer-related pharmaceutical applications. Nanoscale, 2016, 8, 12430-12443.	2.8	105
250	Multifunctional Nanoprobes for Multimodality Targeted Imaging and Therapy of Gastric Cancer. Springer Series in Biomaterials Science and Engineering, 2016, , 225-271.	0.7	0
251	Nanostructured materials functionalized with metal complexes: In search of alternatives for administering anticancer metallodrugs. Coordination Chemistry Reviews, 2016, 312, 67-98.	9.5	183
252	Delivery of cancer therapeutics to extracellular and intracellular targets: Determinants, barriers, challenges and opportunities. Advanced Drug Delivery Reviews, 2016, 97, 280-301.	6.6	130
253	In Situ formation of pH-/thermo-sensitive nanohybrids via friendly-assembly of poly(N-vinylpyrrolidone) onto LAPONITE®. RSC Advances, 2016, 6, 31816-31823.	1.7	12
254	Surface Modification of Gd Nanoparticles with pH-Responsive Block Copolymers for Use As Smart MRI Contrast Agents. ACS Applied Materials & Interfaces, 2016, 8, 5040-5050.	4.0	38
255	Poly(caprolactone)-poly(ethylene glycol)-poly(caprolactone) (PCL-PEG-PCL) nanoparticles: a valuable and efficient system for in vitro and in vivo delivery of curcumin. RSC Advances, 2016, 6, 14403-14415.	1.7	51
256	Development and Testing of a New Instrument for Researching on Cancer Treatment Technologies Based on Magnetic Hyperthermia. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2016, 4, 243-251.	3.7	4
257	Recent advances in multifunctional silica-based hybrid nanocarriers for bioimaging and cancer therapy. Nanoscale, 2016, 8, 12510-12519.	2.8	75
258	The augmented anticancer potential of AP9-cd loaded solid lipid nanoparticles in human leukemia Molt-4 cells and experimental tumor. Chemico-Biological Interactions, 2016, 244, 84-93.	1.7	17
259	Sulforaphane delivery using mPEG-PCL co-polymer nanoparticles to breast cancer cells. Pharmaceutical Development and Technology, 2017, 22, 642-651.	1.1	88
260	pH-Dependent Transmembrane Activity of Peptide-Functionalized Gold Nanostars for Computed Tomography/Photoacoustic Imaging and Photothermal Therapy. ACS Applied Materials & Interfaces, 2017, 9, 2114-2122.	4.0	67
261	Characterizing physical properties and in vivo OCT imaging study of Cu-Sn-S nanocrystals. AIP Advances, 2017, 7, 015012.	0.6	1

#	ARTICLE	IF	CITATIONS
262	Mild Binding of Protein to C ₂ N Monolayer Reveals Its Suitable Biocompatibility. Small, 2017, 13, 1603685.	5.2	37
263	Application of Nanotechnology in Cancer Treatment. Topics in Mining, Metallurgy and Materials Engineering, 2017, , 269-311.	1.4	6
264	Uptake of silver nanoparticles by DHA-treated cancer cells examined by surface-enhanced Raman spectroscopy in a microfluidic chip. Lab on A Chip, 2017, 17, 1306-1313.	3.1	28
265	Enhancing the anti-glioma therapy of doxorubicin by honokiol with biodegradable self-assembling micelles through multiple evaluations. Scientific Reports, 2017, 7, 43501.	1.6	22
266	In situ biodegradable crosslinking of cationic oligomer coating on mesoporous silica nanoparticles for drug delivery. Colloids and Surfaces B: Biointerfaces, 2017, 153, 272-279.	2.5	15
267	Two-dimensional transition metal dichalcogenide nanomaterials for combination cancer therapy. Journal of Materials Chemistry B, 2017, 5, 1873-1895.	2.9	112
268	Near-Infrared Light and pH Dual-Responsive Targeted Drug Carrier Based on Core-Crosslinked Polyaniline Nanoparticles for Intracellular Delivery of Cisplatin. Chemistry - A European Journal, 2017, 23, 5352-5360.	1.7	46
269	Magnetic nanoparticles coated with polyarabic acid demonstrate enhanced drug delivery and imaging properties for cancer theranostic applications. Scientific Reports, 2017, 7, 775.	1.6	59
270	Progress in rigid polysaccharide-based nanocomposites with therapeutic functions. Journal of Materials Chemistry B, 2017, 5, 5690-5713.	2.9	56
271	Quantum chemical assessment of the adsorption behavior of fluorouracil as an anticancer drug on the B 36 nanosheet. Journal of Molecular Liquids, 2017, 240, 682-693.	2.3	29
272	Cationic amphiphilic copolymers: synthesis, characterization, self-assembly and drug-loading capacity. Polymer International, 2017, 66, 1199-1205.	1.6	2
273	Antibody-targeted paclitaxel loaded nanoparticles for the treatment of CD20+ B-cell lymphoma. Scientific Reports, 2017, 7, 45682.	1.6	36
274	Synthesis of BSA-Coated BiOI@Bi ₂ S ₃ Semiconductor Heterojunction Nanoparticles and Their Applications for Radio/Photodynamic/Photothermal Synergistic Therapy of Tumor. Advanced Materials, 2017, 29, 1704136.	11.1	257
275	Urchin-like tungsten suboxide for photoacoustic imaging-guided photothermal and photodynamic cancer combination therapy. New Journal of Chemistry, 2017, 41, 14179-14187.	1.4	17
276	Aggregated Single-Walled Carbon Nanotubes Absorb and Deform Dopamine-Related Proteins Based on Molecular Dynamics Simulations. ACS Applied Materials & Interfaces, 2017, 9, 32452-32462.	4.0	24
277	Photothermal Effect Enhanced Cascade-Targeting Strategy for Improved Pancreatic Cancer Therapy by Gold Nanoshell@Mesoporous Silica Nanorod. ACS Nano, 2017, 11, 8103-8113.	7.3	135
278	Controllable synthesis and characterisation of palladium (II) anticancer complex-loaded colloidal gelatin nanoparticles as a novel sustained-release delivery system in cancer therapy. IET Nanobiotechnology, 2017, 11, 591-596.	1.9	3
279	Self-Assembly of Calix[4]arene-Based Amphiphiles Bearing Polyethylene Glycols: Another Example of α -Platonic Micelles. Langmuir, 2017, 33, 9122-9128.	1.6	19

#	ARTICLE	IF	CITATIONS
280	Advances in antimicrobial photodynamic inactivation at the nanoscale. <i>Nanophotonics</i> , 2017, 6, 853-879.	2.9	144
281	pH Switchable Nanoassembly for Imaging a Broad Range of Malignant Tumors. <i>ACS Nano</i> , 2017, 11, 12446-12452.	7.3	42
283	Nanotechnology: A Tool for Targeted Drug Delivery. , 2017, , 113-137.		0
284	Albumin nanoreactor-templated synthesis of Gd ₂ O ₃ /CuS hybrid nanodots for cancer theranostics. <i>Science China Materials</i> , 2017, 60, 554-562.	3.5	17
285	Folic acid and its derivatives for targeted photodynamic therapy of cancer. <i>Russian Chemical Bulletin</i> , 2017, 66, 1982-2008.	0.4	11
286	Circulating Tumor Cells: From Theory to Nanotechnology-Based Detection. <i>Frontiers in Pharmacology</i> , 2017, 08, 35.	1.6	44
287	Current aspects of breast cancer therapy and diagnosis based on a nanocarrier approach. , 2017, , 749-774.		7
288	Biodegradable polymeric micelles coencapsulating paclitaxel and honokiol: a strategy for breast cancer therapy in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1499-1514.	3.3	35
289	Current Update on the Role of Enhanced Permeability and Retention Effect in Cancer Nanomedicine. , 2017, , 62-109.		12
290	Fibonacci Nanostructures for Novel Nanotherapeutical Approach. , 2017, , 49-74.		3
291	“Stepwise Extraction”-strategy-based injectable bioresponsive composite implant for cancer theranostics. <i>Biomaterials</i> , 2018, 166, 38-51.	5.7	26
292	Fullerene derivatives act as inhibitors of leukocyte common antigen based on molecular dynamics simulations. <i>RSC Advances</i> , 2018, 8, 13997-14008.	1.7	10
293	Inorganic nanoparticles: A potential cancer therapy for human welfare. <i>International Journal of Pharmaceutics</i> , 2018, 539, 104-111.	2.6	226
294	Paradigm shift in theranostics of neuroendocrine tumors: conceptual horizons of nanotechnology in nuclear medicine. <i>Annals of Nuclear Medicine</i> , 2018, 32, 151-164.	1.2	3
295	Nanomedicine: An effective tool in cancer therapy. <i>International Journal of Pharmaceutics</i> , 2018, 540, 132-149.	2.6	169
296	Drug-mediation formation of nanohybrids for sequential therapeutic delivery in cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 163, 284-290.	2.5	18
297	Drug Delivery. , 2018, , 247-271.		3
298	2D “Black” Phosphorus “Reinforced 3D” Printed Scaffolds: A Stepwise Countermeasure for Osteosarcoma. <i>Advanced Materials</i> , 2018, 30, 1705611.	11.1	284

#	ARTICLE	IF	CITATIONS
299	Dual-targeted nanomedicines for enhanced tumor treatment. <i>Nano Today</i> , 2018, 18, 65-85.	6.2	90
300	Identification of erlotinib adsorption pattern onto silver nanoparticles: SERS studies. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1265-1273.	1.2	9
301	Cadmium telluride quantum dots induce apoptosis in human breast cancer cell lines. <i>Toxicology and Industrial Health</i> , 2018, 34, 339-352.	0.6	31
302	Superparamagnetic iron oxide nanoparticles based cancer theranostics: A double edge sword to fight against cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 45, 177-183.	1.4	43
303	Review of computer simulations on anti-cancer drug delivery in MOFs. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1255-1272.	3.0	79
304	Material Chemistry of Two-Dimensional Inorganic Nanosheets in Cancer Theranostics. <i>CheM</i> , 2018, 4, 1284-1313.	5.8	132
305	NanoTRAILâ€œOncology: A Strategic Approach in Cancer Research and Therapy. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800053.	3.9	9
306	Identification of a fluorescent small-molecule enhancer for therapeutic autophagy in colorectal cancer by targeting mitochondrial protein translocase TIM44. <i>Gut</i> , 2018, 67, 307-319.	6.1	46
307	Formation of graphene oxide-hybridized nanogels for combinative anticancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2387-2395.	1.7	43
308	<i>in vitro</i> and <i>in vivo</i> delivery of artemisinin loaded PCLâ€œPEGâ€œPCL micelles and its pharmacokinetic study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 926-936.	1.9	66
309	An update on nanoparticle-based contrast agents in medical imaging. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1111-1121.	1.9	61
310	Renal toxicity of nanoparticles of cadmium sulphide in rat. <i>Chemosphere</i> , 2018, 193, 142-150.	4.2	30
311	Smart Drug Delivery Systems for Cancer Treatment Using Nanomaterials. <i>Materials Today: Proceedings</i> , 2018, 5, 21047-21054.	0.9	8
312	Gastric Cancer Stem Cells: Mechanisms and Therapeutic Approaches. <i>Yonsei Medical Journal</i> , 2018, 59, 1150.	0.9	40
313	PD-L1 monoclonal antibody-conjugated nanoparticles enhance drug delivery level and chemotherapy efficacy in gastric cancer cells. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 17-32.	3.3	72
314	Nanoparticles in tissue engineering: applications, challenges and prospects. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5637-5655.	3.3	287
315	De Novo Design of Phototheranostic Sensitizers Based on Structure-Inherent Targeting for Enhanced Cancer Ablation. <i>Journal of the American Chemical Society</i> , 2018, 140, 15820-15826.	6.6	167
316	In Vivo Early Tumor Detection and Diagnosis by Infrared Luminescence Transient Nanothermometry. <i>Advanced Functional Materials</i> , 2018, 28, 1803924.	7.8	83

#	ARTICLE	IF	CITATIONS
317	Potential Applications of Nanotechnology in Urological Cancer. <i>Frontiers in Pharmacology</i> , 2018, 9, 745.	1.6	22
318	Nanomaterials for Theranostics of Gastric Cancer. , 2018, , 305-349.		2
319	Synthesis, Optical, and Structural Studies of Iron Sulphide Nanoparticles and Iron Sulphide Hydroxyethyl Cellulose Nanocomposites from Bis-(Dithiocarbamate)Iron(II) Single-Source Precursors. <i>Nanomaterials</i> , 2018, 8, 187.	1.9	20
320	Nanomedicine applications in women's health: state of the art. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1963-1983.	3.3	18
321	Enhancing anti-cancer efficacy of carboplatin by PEGylated poly(butyl cyanoacrylate) nano-particles. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101218.	1.4	15
322	Near-Infrared Fluorescent Activated Polymeric Probe for Imaging Intraluminal Colorectal Cancer Tumors. <i>Biomacromolecules</i> , 2019, 20, 3547-3556.	2.6	8
323	Drug formulation and nanomedicine approaches to targeting lymphatic cancer metastases. <i>Nanomedicine</i> , 2019, 14, 1605-1621.	1.7	15
324	The pharmaceutical multi-activity of metallofullerenol invigorates cancer therapy. <i>Nanoscale</i> , 2019, 11, 14528-14539.	2.8	16
325	The Physicochemical Properties of Graphene Nanocomposites Influence the Anticancer Effect. <i>Journal of Oncology</i> , 2019, 2019, 1-10.	0.6	11
326	Anti Wnt-1 Monoclonal Antibody™s Conjugated with Gold Nanoparticles, Induced Apoptosis on MCF-7 Breast Cancer Cell Lines. <i>Journal of Nano Research</i> , 0, 58, 1-9.	0.8	3
327	Nanoparticle-mediated approaches for Alzheimer™s disease pathogenesis, diagnosis, and therapeutics. <i>Journal of Controlled Release</i> , 2019, 314, 125-140.	4.8	43
328	A concise review on cancer treatment methods and delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101350.	1.4	60
329	Supramolecular Vesicles of β -CD Dimer as Enzyme Carrier for Cancer Therapy. <i>Chemistry Letters</i> , 2019, 48, 1555-1557.	0.7	2
330	Synthetic asymmetric lipid-like organosilanes for liposomal nanohybrid cerasomes toward potential medical applications. <i>Mendeleev Communications</i> , 2019, 29, 32-34.	0.6	9
331	^{99m} 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.	1.6	19
332	An Improved Method for Fabrication of Ag-GO Nanocomposite with Controlled Anti-Cancer and Anti-bacterial Behavior; A Comparative Study. <i>Scientific Reports</i> , 2019, 9, 9167.	1.6	71
333	In vitro investigation of anticancer efficacy of carboplatin-loaded PEGylated nanoliposome particles on brain cancer cell lines. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	20
334	Chondroitin Sulphate Decorated Polymeric Nanoparticles: An Effective Carrier for Enhancement of Lung Cancer Targeting Capabilities of Anticancer Drug. <i>Current Nanomedicine</i> , 2019, 9, 243-261.	0.2	3

#	ARTICLE	IF	CITATIONS
335	Nanomedicine in Gastric Cancer. <i>Current Clinical Pathology</i> , 2019, , 213-247.	0.0	0
336	Recent advances in inorganic nanomaterials for wound-healing applications. <i>Biomaterials Science</i> , 2019, 7, 2652-2674.	2.6	188
337	Functionalized graphene-based nanomaterials for drug delivery and biomedical applications in cancer chemotherapy. , 2019, , 429-460.		6
338	Nanoparticle-mediated targeted drug delivery for breast cancer treatment. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 419-433.	3.3	151
339	Triple conjugated carbon dots as a nano-drug delivery model for glioblastoma brain tumors. <i>Nanoscale</i> , 2019, 11, 6192-6205.	2.8	184
340	Graphene oxide-based hydrogels as a nanocarrier for anticancer drug delivery. <i>Nano Research</i> , 2019, 12, 973-990.	5.8	97
341	A facile strategy to fabricate a pH-responsive mesoporous silica nanoparticle end-capped with amphiphilic peptides by self-assembly. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 179, 352-362.	2.5	17
342	Carbon nanomaterials and amyloid-beta interactions: potentials for the detection and treatment of Alzheimer's disease?. <i>Pharmacological Research</i> , 2019, 143, 186-203.	3.1	42
343	Effect of the surface curvature on amyloid- β peptide adsorption for graphene. <i>RSC Advances</i> , 2019, 9, 10094-10099.	1.7	8
344	Mesoporous silica/organosilica nanoparticles: Synthesis, biological effect and biomedical application. <i>Materials Science and Engineering Reports</i> , 2019, 137, 66-105.	14.8	119
345	Chitosan nanoparticles: An overview of drug delivery against cancer. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 727-736.	3.6	179
346	Two-dimensional cancer theranostic nanomaterials: Synthesis, surface functionalization and applications in photothermal therapy. <i>Journal of Controlled Release</i> , 2019, 299, 1-20.	4.8	142
348	Effect of Lithium Carbonate on Giant Hepatocellular Carcinoma Cell Line-29 (HCC-29) in vitro. , 2019, , .		0
349	Synthesis of polyphosphazene and preparation of microspheres from polyphosphazene blends with PMMA for drug combination therapy. <i>Journal of Materials Science</i> , 2019, 54, 745-764.	1.7	12
350	External stimulus responsive inorganic nanomaterials for cancer theranostics. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 18-40.	6.6	79
351	Biosynthesized of reduced graphene oxide nanosheets and its loading with paclitaxel for their anti cancer effect for treatment of lung cancer. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 191, 13-17.	1.7	13
352	Paclitaxel/hydroxypropyl- β -cyclodextrin complex-loaded liposomes for overcoming multidrug resistance in cancer chemotherapy. <i>Journal of Liposome Research</i> , 2020, 30, 12-20.	1.5	29
353	Nanoinformatics and biomolecular nanomodeling: a novel move en route for effective cancer treatment. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19127-19141.	2.7	10

#	ARTICLE	IF	CITATIONS
354	Encapsulation of an endostatin peptide in liposomes: Stability, release, and cytotoxicity study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110552.	2.5	33
355	The biosynthesis of a graphene oxide-based zinc oxide nanocomposite using <i>Dalbergia latifolia</i> leaf extract and its biological applications. <i>New Journal of Chemistry</i> , 2020, 44, 2166-2179.	1.4	30
356	(NaPO ₃) ₆ -assisted formation of dispersive casein-amorphous calcium phosphate nanoparticles: An excellent platform for curcumin delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101412.	1.4	8
357	Docetaxel loaded human serum albumin nanoparticles; synthesis, characterization, and potential of nuclear imaging of prostate cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101410.	1.4	15
358	Metal-shell nanocapsules for the delivery of cancer drugs. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 171-180.	5.0	17
359	Prospects of nanodentistry for the diagnosis and treatment of maxillofacial pathologies and cancers. <i>Heliyon</i> , 2020, 6, e04890.	1.4	8
360	Emerging applications of lectins in cancer detection and biomedicine. <i>Materials Today: Proceedings</i> , 2020, 31, 651-661.	0.9	14
361	Simple New Method for the Preparation of La(IO ₃) ₃ Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 2400.	1.9	5
362	<p></p>Nanotechnology-Based Targeting of mTOR Signaling in Cancer</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5767-5781.	3.3	12
363	<p></p>Thermosensitive Betulinic Acid-Loaded Magnetoliposomes: A Promising Antitumor Potential for Highly Aggressive Human Breast Adenocarcinoma Cells Under Hyperthermic Conditions</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8175-8200.	3.3	43
365	Design and fabrication of novel core-shell nanoparticles for theranostic applications. <i>Colloid and Polymer Science</i> , 2020, 298, 1433-1442.	1.0	5
366	Biodegradable Mesoporous Organosilica Nanosheets for Chemotherapy/Mild Thermotherapy of Cancer: Fast Internalization, High Cellular Uptake, and High Drug Loading. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30234-30246.	4.0	15
367	Development of nanotechnology in andrology. <i>Translational Andrology and Urology</i> , 2020, 9, 702-708.	0.6	5
368	One Stone Four Birds: A Novel Liposomal Delivery System Multi-functionalized with Ginsenoside Rh ₂ for Tumor Targeting Therapy. <i>Nano-Micro Letters</i> , 2020, 12, 129.	14.4	38
369	Well-defined Graphene Oxide as a Potential Component in Lung Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2020, 20, 47-58.	0.8	5
370	Application of a novel pH-responsive gemini surfactant for delivery of curcumin molecules. <i>Materials Research Express</i> , 2020, 7, 065403.	0.8	4
371	SP70-Targeted Imaging for the Early Detection of Lung Adenocarcinoma. <i>Scientific Reports</i> , 2020, 10, 2509.	1.6	3
372	Nanocarriers as Magic Bullets in the Treatment of Leukemia. <i>Nanomaterials</i> , 2020, 10, 276.	1.9	38

#	ARTICLE	IF	CITATIONS
373	Polymeric Nanocapsules as Nanotechnological Alternative for Drug Delivery System: Current Status, Challenges and Opportunities. <i>Nanomaterials</i> , 2020, 10, 847.	1.9	159
374	Chrysin-Anchored Silver and Gold Nanoparticle-Reduced Graphene Oxide Composites for Breast Cancer Therapy. <i>ACS Applied Nano Materials</i> , 2020, 3, 4574-4585.	2.4	40
375	Cellulose-derived materials for drug delivery applications. , 2020, , 367-390.		11
376	A Single Molecule Drug Targeting Photosensitizer for Enhanced Breast Cancer Photothermal Therapy. <i>Small</i> , 2020, 16, e1907677.	5.2	62
377	Synthesis and application of the calcium alginate/SWCNT-GI as a bio-nanocomposite for the curcumin delivery. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 504-513.	3.6	24
378	Targeted Engineering of Medicinal Chemistry for Cancer Therapy: Recent Advances and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5626-5643.	7.2	47
379	Zielgerichtete Wirkstoffe für die Krebstherapie: Aktuelle Entwicklungen und Perspektiven. <i>Angewandte Chemie</i> , 2021, 133, 5686-5705.	1.6	3
380	Current updates and future perspectives on the management of renal cell carcinoma. <i>Life Sciences</i> , 2021, 264, 118632.	2.0	48
381	Chitosan microparticles as entrapment system for trans- cinnamaldehyde: Synthesis, drug loading, and in vitro cytotoxicity evaluation. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 322-332.	3.6	13
382	Surface-modified polymeric nanoparticles for drug delivery to cancer cells. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1-24.	2.4	40
383	Nanomaterials multifunctional behavior for enlightened cancer therapeutics. <i>Seminars in Cancer Biology</i> , 2021, 69, 178-189.	4.3	29
384	Starch-based nanocomposites for gene delivery. , 2021, , 263-277.		2
385	Intraoperative Assessment and Photothermal Ablation of the Tumor Margins Using Gold Nanoparticles. <i>Advanced Science</i> , 2021, 8, 2002788.	5.6	34
386	Nanoparticle mediated diagnosis of clinical biomarkers of different diseases: a medical application of nanotechnology. , 2021, , 155-173.		1
387	Polysaccharide-based nanocomposites for gene delivery and tissue engineering. , 2021, , 103-129.		4
388	Nanoparticle stabilizer as a determining factor of the drug/gold surface interaction: SERS and AFM-SEIRA studies. <i>Applied Surface Science</i> , 2021, 537, 147897.	3.1	14
389	3D Printing and Nanotechnology: A Multiscale Alliance in Personalized Medicine. <i>Advanced Functional Materials</i> , 2021, 31, 2009691.	7.8	58
390	Rational nanocarrier design towards clinical translation of cancer nanotherapy. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 032005.	1.7	14

#	ARTICLE	IF	CITATIONS
391	Enhancing Cancer Immunotherapy Treatment Goals by Using Nanoparticle Delivery System. International Journal of Nanomedicine, 2021, Volume 16, 2389-2404.	3.3	17
392	Enhanced bacterial uptake of ¹³¹ I-labeled antimicrobial imidazolium bromide salts using fluorescent carbon nanodots. Materials Today Communications, 2021, 26, 102167.	0.9	5
393	Green synthesis of silver nanoparticles using Omani pomegranate peel extract and two polyphenolic natural products: characterization and comparison of their antioxidant, antibacterial, and cytotoxic activities. Beni-Suef University Journal of Basic and Applied Sciences, 2021, 10, .	0.8	15
394	Borneol: a Promising Monoterpenoid in Enhancing Drug Delivery Across Various Physiological Barriers. AAPS PharmSciTech, 2021, 22, 145.	1.5	28
395	Biomaterials-Based Delivery of Therapeutic Antibodies for Cancer Therapy. Advanced Healthcare Materials, 2021, 10, e2002139.	3.9	21
396	Reactive Oxygen Species-Based Nanomaterials for Cancer Therapy. Frontiers in Chemistry, 2021, 9, 650587.	1.8	30
397	Fundamentals to Apply Magnetic Nanoparticles for Hyperthermia Therapy. Nanomaterials, 2021, 11, 1203.	1.9	90
398	The substituted zinc(II) phthalocyanines using α -sulfur bridge as the linkages. Synthesis, red-shifted spectroscopic properties and structure-inherent targeted photodynamic activities. Dyes and Pigments, 2021, 189, 109270.	2.0	15
399	Acoustics at the nanoscale (nanoacoustics): A comprehensive literature review. Part II: Nanoacoustics for biomedical imaging and therapy. Sensors and Actuators A: Physical, 2021, 332, 112925.	2.0	7
400	Acoustics at the nanoscale (nanoacoustics): A comprehensive literature review. Part I: Materials, devices and selected applications. Sensors and Actuators A: Physical, 2021, 332, 112719.	2.0	10
401	Editorial: Imaging Technology in Oncology Pharmacological Research. Frontiers in Pharmacology, 2021, 12, 711387.	1.6	1
402	Nanoengineered photoactive theranostic agents for cancer. Nanophotonics, 2021, 10, 2973-2997.	2.9	11
403	Insight into chitosan derived nanotherapeutics for anticancer drug delivery and imaging. European Polymer Journal, 2021, 154, 110540.	2.6	13
404	Multifunctional theranostic nanoparticles for biomedical cancer treatments - A comprehensive review. Materials Science and Engineering C, 2021, 127, 112199.	3.8	27
405	pH-responsive black phosphorus quantum dots for tumor-targeted photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102429.	1.3	8
406	Chlorambucil-Chitosan Nano-Conjugate: An Efficient Agent Against Breast Cancer Targeted Therapy. Current Drug Delivery, 2021, 18, 721-728.	0.8	6
407	Formulation and in-vitro evaluations of doxorubicin loaded polymerized magnetic nanocarriers for liver cancer cells. Journal of the Taiwan Institute of Chemical Engineers, 2021, 126, 278-287.	2.7	10
408	Synthesis and morphological studies of Tc ^{99m} -labeled lupulone-conjugated Fe ₃ O ₄ @TiO ₂ nanocomposite, and in vitro cytotoxicity activity on prostate cancer cell lines. Applied Organometallic Chemistry, 0, , e6435.	1.7	3

#	ARTICLE	IF	CITATIONS
409	Lung cancer: Improving efficacy and reducing side effects. , 2021, , 351-371.		0
410	Nanomedicine: General Introduction from A to Z. Nanotechnology in the Life Sciences, 2021, , 1-15.	0.4	0
411	Nanocarriers as Potential Targeted Drug Delivery for Cancer Therapy. Environmental Chemistry for A Sustainable World, 2020, , 51-88.	0.3	15
412	Nanotechnology, the Brain, and the Future. , 2013, , .		7
413	Role of Nanoparticles and Nanomaterials in Drug Delivery: An Overview. , 2020, , 247-265.		16
414	Model Organisms for In Vivo Assessment of Nanoparticles. , 2020, , 29-57.		3
415	Tunable Biopolymeric Drug Carrier Nanovehicles and Their Safety. , 2020, , 405-432.		3
416	Targeted nano-drug delivery system for glioblastoma therapy: In vitro and in vivo study. Journal of Drug Delivery Science and Technology, 2020, 60, 102039.	1.4	11
417	Leukocyte-Mediated Combined Targeted Chemo and Gene Therapy for Esophageal Cancer. ACS Applied Materials & Interfaces, 2020, 12, 47330-47341.	4.0	20
418	Advances in Polymeric and Lipid-Core Micelles as Drug Delivery Systems. , 2013, , 65-84.		1
419	Apoptosis of Hepatocellular Carcinoma Cells Induced by Nanoencapsulated Polysaccharides Extracted from Antrodia Camphorata. PLoS ONE, 2015, 10, e0136782.	1.1	17
420	Preparation and Physicochemical Characterization of Biodegradable mPEG-PCL Core-Shell Micelles for Delivery of Artemisinin. Pharmaceutical Sciences, 2016, 22, 234-243.	0.1	21
421	Methods of Delivery of Medications for the Treatment of Oncological Diseases. , 2019, 2, .		2
422	Codelivery of curcumin and doxorubicin by MPEG-PCL results in improved efficacy of systemically administered chemotherapy in mice with lung cancer. International Journal of Nanomedicine, 2013, 8, 3521.	3.3	60
423	The Design and Application of Nanomaterials as Drug Carriers in Cancer Treatment. Current Medicinal Chemistry, 2020, 27, 6112-6135.	1.2	6
424	Switching from Conventional to Nano-natural Phytochemicals to Prevent and Treat Cancers: Special Emphasis on Resveratrol. Current Pharmaceutical Design, 2019, 25, 3620-3632.	0.9	8
425	Multifunctional Anti-Cancer Nano-Platforms are Moving to Clinical Trials. Current Drug Metabolism, 2013, 14, 583-604.	0.7	8
426	Recent Findings on Nanotechnology-based Therapeutic Strategies Against Hepatocellular Carcinoma. Current Drug Metabolism, 2019, 20, 283-291.	0.7	4

#	ARTICLE	IF	CITATIONS
427	Insights into the Microbial L-Asparaginases: from Production to Practical Applications. <i>Current Protein and Peptide Science</i> , 2019, 20, 452-464.	0.7	21
428	Nanocarriers Based Anticancer Drugs: Current Scenario and Future Perceptions. <i>Current Drug Targets</i> , 2016, 17, 206-228.	1.0	23
429	Current Major Cancer Targets for Nanoparticle Systems. <i>Current Cancer Drug Targets</i> , 2011, 11, 164-183.	0.8	17
430	Magnetic Hyperthermia with Magnetic Nanoparticles: A Status Review. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 572-594.	1.0	216
431	Aptamer Therapeutics: The 21st Century's Magic Bullet of Nanomedicine. <i>The Open Conference Proceedings Journal</i> , 2010, 1, 118-124.	0.6	5
432	Characterization and in vitro antitumor, antibacterial and antifungal activities of green synthesized silver nanoparticles using cell extract of <i>Nostoc</i> sp. strain HKAR-2. <i>Canadian Journal of Biotechnology</i> , 2017, 1, 26-37.	0.3	58
433	Advances in Neurotherapeutic Delivery Technologies. , 0, , .		2
434	Nanomaterials: Applications in the diagnosis and treatment of pancreatic cancer. <i>World Journal of Gastrointestinal Pharmacology and Therapeutics</i> , 2020, 11, 1-7.	0.6	8
435	Biodegradable m-PEG/PCL Core-Shell Micelles: Preparation and Characterization as a Sustained Release Formulation for Curcumin. <i>Advanced Pharmaceutical Bulletin</i> , 2014, 4, 501-10.	0.6	66
436	Biomimetic Materials Mimicking Nature at the Base of EU Projects. <i>Journal of Scientific Research and Reports</i> , 2014, 3, 532-544.	0.2	5
437	Nano-oncology: Clinical Application for Cancer Therapy and Future Perspectives. <i>Nanotechnology in the Life Sciences</i> , 2021, , 49-95.	0.4	0
438	Recent Advances of Manganese-Based Hybrid Nanomaterials for Cancer Precision Medicine. <i>Frontiers in Oncology</i> , 2021, 11, 707618.	1.3	7
439	Nanoscale Coordination Polymers for Combined Chemotherapy and Photodynamic Therapy of Metastatic Cancer. <i>Bioconjugate Chemistry</i> , 2021, 32, 2318-2326.	1.8	3
440	Magnetomotive Molecular Nanoprobes for Optical Biomedical Imaging and Diagnostics. , 2011, , .		0
441	QUALITATIVE AND QUANTITATIVE EVALUATION OF GLYCYRRHETINIC ACID MODIFIED ALGINATE LIVER TARGETING DRUG DELIVERY SYSTEMS. <i>Acta Polymerica Sinica</i> , 2011, 011, 817-823.	0.0	0
442	Strategies of Targeting Tumors and Cancers. <i>Journal of Cancer Research Updates</i> , 2022, 1, .	0.3	2
443	Nanotechnology: Applications in Clinical Practice. <i>MGM Journal of Medical Sciences</i> , 2015, 2, 153-160.	0.1	0
444	A Review-Emerging Use of Nano-Based Carriers in Diagnosis and Treatment of Cancer-Novel Approaches. <i>Asian Journal of Pharmacy and Technology</i> , 2015, 5, 38.	0.2	1

#	ARTICLE	IF	CITATIONS
446	Nanoparticles: Cancer Management Applications. , 0, , 5510-5533.		0
447	Micelles: Polymeric and Lipid-Core Drug Delivery Systems. , 0, , 4574-4587.		0
448	New Treatments and New Therapies. , 2016, , 681-710.		0
449	Nanotechnology in Urology. Indian Journal of Urology, 2016, 33, 13-18.	0.2	3
450	Role of Bioinformatics in Nanotechnology. Advances in Medical Technologies and Clinical Practice Book Series, 2017, , 293-317.	0.3	0
451	Multifunctional Nanoprobes for Theranostics of Gastric Cancer. Translational Medicine Research, 2017, , 195-238.	0.0	0
452	Nanoparticles: Cancer Management Applications. , 2017, , 1182-1205.		0
453	Arsenic trioxide nanoparticles inhibit acute promyelocytic leukemia cell proliferation and induce apoptosis via PTEN/AKT signalling pathway. Biomedical Research (Aligarh, India), 2018, 29, .	0.1	2
454	The inflammation markers in serum of tumor-bearing rats after plasmonic photothermal therapy. , 2018, , .		0
455	Comparative study of the cytotoxicity and apoptotic effect of beet root, and silica-beet nanoparticles with 5-FU nanoparticles against Scc-090 cell line. Egyptian Dental Journal, 2018, 64, 3379-3389.	0.1	0
456	Noninvasive Imaging Techniques of Metal Nanoparticles and Their Future Diagnostic Applications. , 2019, , 119-141.		1
457	Carbon nanotubes: versatile nanocarriers for effective delivery of anticancer drugs. , 2019, , 193-225.		0
458	CD Receptor and Targeting Strategies. AAPS Advances in the Pharmaceutical Sciences Series, 2019, , 383-406.	0.2	1
460	Nanotherapeutic agent for cancer: Miracle or catastrophe. , 2019, 3, 010-012.		2
461	Safe Dose of Nanoparticles: A Boon for Consumer Goods and Biomedical Application. , 2020, , 107-122.		0
462	Nanopharmaceuticals: In Relevance to Drug Delivery and Targeting. Environmental Chemistry for A Sustainable World, 2021, , 77-112.	0.3	3
463	Role of Bioinformatics in Nanotechnology. , 2020, , 1875-1894.		1
464	Scale-up, Preclinical and Clinical Status of Poly (Lactide-Co-Glycolide) and its Copolymers based Drug Delivery Systems. , 2021, , 246-292.		0

#	ARTICLE	IF	CITATIONS
465	Carbon Nanotubes: Current Perspectives on Diverse Applications in Targeted Drug Delivery and Therapies. <i>Materials</i> , 2021, 14, 6707.	1.3	55
467	Bio-genic synthesis of ultra-small Au particles loaded silica nanoparticles for effective wound healing agent for the nursing care in the femoral fracture during surgery. <i>Materials Express</i> , 2020, 10, 1795-1801.	0.2	0
468	Multifunctional Nanoparticles in Precise Cancer Treatment: Considerations in Design and Functionalization of Nanocarriers. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 2427-2441.	1.0	4
469	Nanotechnology for energy-based cancer therapies. <i>American Journal of Cancer Research</i> , 2011, 1, 508-20.	1.4	6
470	Polymeric nanocomposites loaded with fluoridated hydroxyapatite Ln(3+) (Ln = Eu or Tb)/iron oxide for magnetic targeted cellular imaging. <i>Cancer Biology and Medicine</i> , 2015, 12, 175-83.	1.4	7
471	Caveolae-mediated Delivery of Therapeutic Nanoparticles across Blood-endothelial Barrier. <i>Interdisciplinary Journal of Microinflammation</i> , 2014, 1, .	0.1	6
472	Formulation of PLGA nano-carriers: specialized modification for cancer therapeutic applications. <i>Materials Advances</i> , 2022, 3, 837-858.	2.6	24
473	Selective cytotoxicity mechanisms and biodistribution of diamond nanoparticles on the skin cancer in C57 mouse. <i>Biomedical Materials (Bristol)</i> , 2021, , .	1.7	1
474	Nano Oncology - Applications of Nanotechnology in Cancer Diagnosis. <i>International Journal of Pharmaceutical Sciences Review and Research</i> , 2020, 64, 27-32.	0.1	0
475	Preparation and Application of MPEG-PCL-g-PEI Cationic Micelles in Cancer Therapy. <i>Biomaterial Engineering</i> , 2021, , 1-16.	0.1	0
477	The potential of marine-based gold nanomaterials in cancer therapy: a mini-review. <i>Gold Bulletin</i> , 2022, 55, 53-63.	1.1	7
478	Metal-Based Nanoparticle Magnetic Resonance Imaging Contrast Agents: Classifications, Issues, and Countermeasures toward their Clinical Translation. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	17
479	Tumor targeting strategies by chitosan-based nanocarriers. , 2022, , 163-188.		1
480	Novel hydrophobically modified agarose cryogels fabricated using dimethyl sulfoxide. <i>Journal of Bioscience and Bioengineering</i> , 2022, 133, 390-395.	1.1	7
481	Nanotechnology for Biomedical Devices: Cancer Treatment. <i>Materials Horizons</i> , 2022, , 207-251.	0.3	1
482	Research Progress and Prospects for Polymeric Nanovesicles in Anticancer Drug Delivery. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 850366.	2.0	8
483	Nanoparticles for Cancer Therapy: Current Progress and Challenges. <i>Nanoscale Research Letters</i> , 2021, 16, 173.	3.1	266
484	Nano-Bio Interactions in the Lung. <i>Micro/Nano Technologies</i> , 2022, , 1-31.	0.1	1

#	ARTICLE	IF	CITATIONS
486	Finite Element Analysis of Silver Nanorods, Spheres, Ellipsoids and Core-Shell Structures for Hyperthermia Treatment of Cancer. <i>Materials</i> , 2022, 15, 1786.	1.3	3
487	The Application of Nanotechnology in Immunotherapy based Combinations for Cancer Treatment. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2023, 18, 53-65.	0.8	1
488	Biosynthesis and bioactivities of metal nanoparticles mediated by <i>Helichrysum aureonitens</i> . <i>Journal of Analytical Science and Technology</i> , 2022, 13, .	1.0	6
489	Synthesis and Characterization of Novel Nanoparticles of Lithium Aluminum Iodate $\text{LiAl}(\text{IO}_3)_4$, and DFT Calculations of the Crystal Structure and Physical Properties. <i>Nanomaterials</i> , 2021, 11, 3289.	1.9	3
490	Nanotechnology in Cancer Diagnostics and Therapeutics: A Review. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, 1556-1568.	0.9	6
491	Use of nanoparticles in skeletal tissue regeneration and engineering. <i>Histology and Histopathology</i> , 2020, 35, 331-350.	0.5	11
494	Preparation and Application of MPEG-PCL-g-PEI Cationic Micelles in Cancer Therapy. <i>Biomaterial Engineering</i> , 2022, , 121-136.	0.1	0
495	Synthesis of ^{198}Au nanoparticles sub 10 nm due optimization on local dose by Monte Carlo simulations for cancer treatment. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 3033-3041.	0.7	2
496	Lipid-Based Nanomaterials in Cancer Treatment and Diagnosis. , 2022, , 49-83.		0
497	Recent advancements of nanoparticles application in cancer and neurodegenerative disorders: At a glance. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113305.	2.5	50
498	Reciprocal regulation of NRF2 by autophagy and ubiquitin-proteasome modulates vascular endothelial injury induced by copper oxide nanoparticles. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	8
499	Investigation of the effect of external force and initial pressure on the stability of cancer cells using molecular dynamics simulation. <i>European Physical Journal Plus</i> , 2022, 137, .	1.2	3
500	The Role of Nanotechnology for Diagnostic and Therapy Strategies in Lung Cancer. <i>Medical Radiology</i> , 2022, , .	0.0	0
501	Inorganic Nanoparticles in Anti-angiogenic Cancer Therapy. <i>Synthesis Lectures on Biomedical Engineering</i> , 2022, , 51-71.	0.1	0
502	Green Synthesis of Near-Infrared Copper-Doped Carbon Dots from <i>Alcea</i> for Cancer Photothermal Therapy. <i>ACS Omega</i> , 2022, 7, 34573-34582.	1.6	15
503	In vivo and in vitro studies of magnetic silica nanocomposites decorated with Pluronic F127 for controlled drug delivery system. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 115, 510-520.	2.9	7
504	A wrinkled nanosurface causes accelerated protein unfolding revealing its critical role in nanotoxicity. <i>RSC Advances</i> , 2022, 12, 30976-30984.	1.7	1
505	Application of Palladium Nanoparticles as a Contrast Agent for Electrical Bioimpedance Measurements on Biological Tissue. <i>IFMBE Proceedings</i> , 2023, , 630-637.	0.2	0

#	ARTICLE	IF	CITATIONS
506	Multifunctional nanoparticles with anti-inflammatory effect for improving metabolic syndromes. <i>Journal of Drug Targeting</i> , 2023, 31, 286-295.	2.1	0
507	Precision Nanotoxicology in Drug Development: Current Trends and Challenges in Safety and Toxicity Implications of Customized Multifunctional Nanocarriers for Drug-Delivery Applications. <i>Pharmaceutics</i> , 2022, 14, 2463.	2.0	14
508	Silver Halide-Based Nanomaterials in Biomedical Applications and Biosensing Diagnostics. <i>Nanoscale Research Letters</i> , 2022, 17, .	3.1	3
509	Newly Developed Targeted Therapies Against the Androgen Receptor in Triple-Negative Breast Cancer: A Review. <i>Pharmacological Reviews</i> , 2023, 75, 309-327.	7.1	16
510	Emerging theranostics to combat cancer: a perspective on metal-based nanomaterials. <i>Drug Development and Industrial Pharmacy</i> , 2022, 48, 585-601.	0.9	8
511	Nano-bio Interactions in the Lung. <i>Micro/Nano Technologies</i> , 2023, , 469-499.	0.1	0
512	Nanomedicine for renal cell carcinoma: imaging, treatment and beyond. <i>Journal of Nanobiotechnology</i> , 2023, 21, .	4.2	4
513	Isolation, Detection and Analysis of Circulating Tumour Cells: A Nanotechnological Bioscope. <i>Pharmaceutics</i> , 2023, 15, 280.	2.0	2
514	Nanomedicines for hepatocellular carcinoma therapy: Challenges and clinical applications. <i>Materials Today Communications</i> , 2023, 34, 105242.	0.9	5
515	Nanovesicles based drug targeting to control tumor growth and metastasis. <i>Advances in Cancer Biology Metastasis</i> , 2023, 7, 100083.	1.1	3
516	The Impact of Propanol, N-Butanol and Pentanol on Aqueous Dispersions of Sonicated Liposomes. EPR Study. <i>Ecological Chemistry and Engineering S</i> , 2022, 29, 565-579.	0.3	0
517	Development and optimization of nanoparticles loaded with erucin, a dietary isothiocyanate isolated from <i>Eruca sativa</i> : Antioxidant and antiproliferative activities in ehrlich-ascites carcinoma cell line. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	0
518	An Overview of Polymeric Nanoparticles-Based Drug Delivery System in Cancer Treatment. <i>Technology in Cancer Research and Treatment</i> , 2023, 22, 153303382311520.	0.8	17
519	Recent Developments in Two-Dimensional (2D) Inorganic Nanomaterials-Based Photothermal Therapy for Cancer Theranostics. <i>Biological and Medical Physics Series</i> , 2023, , 563-595.	0.3	0
520	Baicaleinâ€™A review on its molecular mechanism against breast cancer and delivery strategies. <i>Medicinal Chemistry Research</i> , 2023, 32, 643-658.	1.1	3
521	A Critical Review On Nanotechnology: A Technique in Cancer Detection and Prophylaxis. <i>Nano LIFE</i> , 2023, 13, .	0.6	1
522	Poly(amidoamine) Dendrimer/Camptothecin Complex: From Synthesis to In Vitro Cancer Cell Line Studies. <i>Molecules</i> , 2023, 28, 2696.	1.7	2
523	Metal-Organic Frameworks Applications in Synergistic Cancer Photo-Immunotherapy. <i>Polymers</i> , 2023, 15, 1490.	2.0	7

#	ARTICLE	IF	CITATIONS
524	Nanotubes fabricated from a triple helix polysaccharide as a novel carrier delivering doxorubicin for breast cancer therapy. International Journal of Biological Macromolecules, 2023, 242, 124153.	3.6	1
525	Cell- and subcellular organelle-targeting nanoparticle-mediated breast cancer therapy. Frontiers in Pharmacology, 0, 14, .	1.6	2
526	Advancement of Nanocarrier-Based Engineering for Specific Drug Delivery for Cancer Therapy. Biological and Medical Physics Series, 2023, , 465-486.	0.3	2
533	Nanotechnology in Cancer Chemoprevention: In Vivo and In Vitro Studies and Advancement in Biological Sciences. , 2023, , 203-230.		0
535	Stepwise Targeting and Tandem Responsive Peptide Nanoparticles Enhance Immunotherapy through Prolonged Drug Retention. , 2023, 5, 2604-2613.		2
539	A review on the role of nanotechnology in the development of near-infrared photodetectors: materials, performance metrics, and potential applications. Journal of Materials Science, 2023, 58, 13889-13924.	1.7	1
542	Therapeutic Potential of Nanocrystals for Targeting Lymphoid Carcinoma. , 2023, , 1-21.		0