

# CITATION REPORT

List of articles citing

## Therapeutic nanoparticles for drug delivery in cancer

DOI: 10.1158/1078-0432.ccr-07-1441  
Clinical Cancer Research, 2008, 14, 1310-6.

**Source:** <https://exaly.com/paper-pdf/43582223/citation-report.pdf>

**Version:** 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2270	Facile biosynthesis, separation and conjugation of gold nanoparticles to doxorubicin. <b>2008</b> , 19, 495101		127
2269	Hydrogel nanoparticles in drug delivery. <b>2008</b> , 60, 1638-49		1401
2268	Nanoparticle therapeutics: an emerging treatment modality for cancer. <b>2008</b> , 7, 771-82		3332
2267	Tumor-targeted delivery of siRNA by non-viral vector: safe and effective cancer therapy. <b>2008</b> , 5, 1301-11		46
2266	Gold nanoparticles: From nanomedicine to nanosensing. <b>2008</b> , 1, 45-65		225
2265	Antibody-modified liposomes for cancer chemotherapy. <b>2008</b> , 5, 1003-25		116
2264	Nanosize delivery as an emerging platform for cancer therapy. <b>2008</b> , 7, 1860-2		2
2263	Antibody-functionalized nano test tubes target breast cancer cells. <b>2008</b> , 3, 283-92		22
2262	Selective or targeted gene/drug delivery for liver tumors: advantages and current status of local delivery. <b>2008</b> , 2, 791-802		5
2261	Gene-based therapy: novel approaches. <b>2009</b> , 4, S1086-9		
2260	Advances of cancer therapy by nanotechnology. <b>2009</b> , 41, 1-11		140
2259	Simultaneous enhancement of photothermal stability and gene delivery efficacy of gold nanorods using polyelectrolytes. <b>2009</b> , 3, 2941-52		144
2258	Targeting the extracellular signature of metastatic colorectal cancers. <b>2009</b> , 13, 363-79		5
2257	Innovations and opportunities to improve conventional (deoxy)nucleoside and fluoropyrimidine analogs in cancer. <b>2009</b> , 16, 4632-43		20
2256	New developments in anthracycline-induced cardiotoxicity. <b>2009</b> , 16, 1656-72		75
2255	Monodisperse self-assembly in a model with protein-like interactions. <b>2009</b> , 131, 175102		54
2254	Targeted drugs and nanomedicine: present and future. <b>2009</b> , 15, 153-72		169

2253	Recent advances in pharmacokinetics of polymeric excipients used in nanosized anti-cancer drugs. <b>2009</b> , 10, 842-50	15
2252	Strategies to improve the efficacy of platinum compounds. <b>2009</b> , 16, 2355-65	50
2251	HFT-T, a targeting nanoparticle, enhances specific delivery of paclitaxel to folate receptor-positive tumors. <b>2009</b> , 3, 3165-74	142
2250	Anaplastic thyroid cancer: molecular pathogenesis and emerging therapies. <b>2009</b> , 16, 17-44	296
2249	Systemic delivery and preclinical evaluation of Au nanoparticle containing beta-lapachone for radiosensitization. <b>2009</b> , 139, 239-45	65
2248	Nanomedicines for active targeting: physico-chemical characterization of paclitaxel-loaded anti-HER2 immunonanoparticles and in vitro functional studies on target cells. <b>2009</b> , 38, 230-7	61
2247	Surface-functionalized ultrasmall superparamagnetic nanoparticles as magnetic delivery vectors for camptothecin. <b>2009</b> , 4, 988-97	34
2246	Convection-enhanced delivery of nanocarriers for the treatment of brain tumors. <b>2009</b> , 30, 2302-18	231
2245	Design of a multifunctional PLGA nanoparticulate drug delivery system: evaluation of its physicochemical properties and anticancer activity to malignant cancer cells. <b>2009</b> , 26, 1162-71	88
2244	Evolving lipid-based delivery systems in the management of neoplastic disease. <b>2009</b> , 3, 113-124	8
2243	Transplacental transport of nanomaterials. <b>2009</b> , 1, 671-84	83
2242	Real time in vitro studies of doxorubicin release from PHEMA nanoparticles. <b>2009</b> , 7, 5	80
2241	Drug development in oncology assisted by noninvasive optical imaging. <b>2009</b> , 379, 309-16	16
2240	Folate-targeted therapeutic and imaging agents for cancer. <b>2009</b> , 13, 256-62	461
2239	The inhibition of glioma growth in vitro and in vivo by a chitosan/ellagic acid composite biomaterial. <b>2009</b> , 30, 4743-51	48
2238	The incorporation of daunorubicin in cancer cells through the use of titanium dioxide whiskers. <b>2009</b> , 30, 4708-15	93
2237	Efficacy of sunitinib and radiotherapy in genetically engineered mouse model of soft-tissue sarcoma. <b>2009</b> , 74, 1207-16	39
2236	The cellular uptake of meta-tetra(hydroxyphenyl)chlorin entrapped in organically modified silica nanoparticles is mediated by serum proteins. <b>2009</b> , 20, 345101	43

2235	Multifunctional nanoparticles for imaging, delivery and targeting in cancer therapy. <b>2009</b> , 6, 865-78	233
2234	Membrane stabilization of biodegradable polymersomes. <b>2009</b> , 25, 4429-34	29
2233	Extracellularly activated nanocarriers: a new paradigm of tumor targeted drug delivery. <b>2009</b> , 6, 1041-51	366
2232	Tamoxifen-poly(ethylene glycol)-thiol gold nanoparticle conjugates: enhanced potency and selective delivery for breast cancer treatment. <b>2009</b> , 20, 2247-53	208
2231	Chapter 11 - Solid lipid nanoparticles for brain tumors therapy: State of the art and novel challenges. <b>2009</b> , 180, 193-223	10
2230	Role of nanobiotechnology in the development of personalized medicine. <b>2009</b> , 4, 249-52	36
2229	On the toxicity of therapeutically used nanoparticles: an overview. <b>2009</b> , 2009, 754810	106
2228	Systematic study of enhanced cytotoxicity effects of gold-based nanoparticles in targeted cancer radiotherapy. <b>2009</b> ,	1
2227	Tunable immunonanoparticle binding to cancer cells: thermodynamic analysis of targeted drug delivery vehicles. <b>2009</b> , 5, 1074	25
2226	One example on how colloidal nano- and microparticles could contribute to medicine. <b>2009</b> , 4, 967-79	34
2225	Advanced nanogel engineering for drug delivery. <b>2009</b> , 5, 707-715	404
2224	Current world literature. <b>2009</b> , 21, 101-9	
2223	Nanoparticle therapeutics: an emerging treatment modality for cancer. <b>2009</b> , 239-250	34
2222	Drug nanocarriers and functional nanoparticles: applications in cancer therapy. <b>2009</b> , 6, 391-403	59
2221	Factors that control the circulation time of nanoparticles in blood: challenges, solutions and future prospects. <b>2010</b> , 16, 2298-307	360
2220	PolymerDrug Conjugates. <b>2010</b> , 481-511	1
2219	Identifying recent trends in nanomedicine development. <b>2010</b> , 7, 173	3
2218	Nitric oxide-releasing silica nanoparticle inhibition of ovarian cancer cell growth. <b>2010</b> , 7, 775-85	81

2217	Engineering biofunctional magnetic nanoparticles for biotechnological applications. <b>2010</b> , 2, 1746-55	90
2216	ZnO nanoparticles enhanced antibacterial activity of ciprofloxacin against Staphylococcus aureus and Escherichia coli. <b>2010</b> , 93, 557-61	153
2215	Targeted hyperthermia using metal nanoparticles. <b>2010</b> , 62, 339-45	428
2214	A review of multifunctional nanoemulsion systems to overcome oral and CNS drug delivery barriers. <b>2010</b> , 27, 260-73	62
2213	Multilayer coating of gold nanoparticles with drug-polymer coadsorbates. <b>2010</b> , 26, 16901-8	57
2212	Delivery and efficacy of a cancer drug as a function of the bond to the gold nanoparticle surface. <b>2010</b> , 26, 2248-55	135
2211	Induction of cancer cell death by self-assembling nanostructures incorporating a cytotoxic peptide. <b>2010</b> , 70, 3020-6	160
2210	Nanoparticles of lipid monolayer shell and biodegradable polymer core for controlled release of paclitaxel: effects of surfactants on particles size, characteristics and in vitro performance. <b>2010</b> , 395, 243-50	114
2209	Folic acid conjugated nanoparticles of mixed lipid monolayer shell and biodegradable polymer core for targeted delivery of Docetaxel. <b>2010</b> , 31, 330-8	268
2208	Prostate cancer cell death produced by the co-delivery of Bcl-xL shRNA and doxorubicin using an aptamer-conjugated polyplex. <b>2010</b> , 31, 4592-9	138
2207	Advances in Targeted Breast Cancer Therapy. <b>2010</b> , 2, 146-151	7
2206	Smart Nanomaterials for cancer therapy. <b>2010</b> , 53, 2241-2249	16
2205	Nanodiamonds as Carriers for Address Delivery of Biologically Active Substances. <b>2010</b> , 5, 631-636	86
2204	The targeting behavior of folate-nanohydrogel evaluated by near infrared imaging system in tumor-bearing mouse model. <b>2010</b> , 27, 46-55	28
2203	Non-invasive monitoring of intra-tumor drug concentration and therapeutic response using optical spectroscopy. <b>2010</b> , 142, 457-64	54
2202	Benefit of anti-HER2-coated paclitaxel-loaded immuno-nanoparticles in the treatment of disseminated ovarian cancer: Therapeutic efficacy and biodistribution in mice. <b>2010</b> , 144, 324-31	80
2201	To exploit the tumor microenvironment: Passive and active tumor targeting of nanocarriers for anti-cancer drug delivery. <b>2010</b> , 148, 135-46	1900
2200	Intravesical drug delivery: Challenges, current status, opportunities and novel strategies. <b>2010</b> , 148, 147-59	172

2199	New approach to hydrophobic cyanine-type photosensitizer delivery using polymeric oil-cored nanocarriers: hemolytic activity, in vitro cytotoxicity and localization in cancer cells. <b>2010</b> , 39, 322-35	50
2198	Ternary biomolecular nanoparticles for targeting of cancer cells and anti-angiogenesis. <b>2010</b> , 41, 148-55	15
2197	Cancer nanotechnology: application of nanotechnology in cancer therapy. <b>2010</b> , 15, 842-50	433
2196	Design of curcumin-loaded PLGA nanoparticles formulation with enhanced cellular uptake, and increased bioactivity in vitro and superior bioavailability in vivo. <b>2010</b> , 79, 330-8	457
2195	Thymoquinone poly (lactide-co-glycolide) nanoparticles exhibit enhanced anti-proliferative, anti-inflammatory, and chemosensitization potential. <b>2010</b> , 79, 1640-7	114
2194	Nanoscale Metal-Organic Frameworks: Magnetic Resonance Imaging Contrast Agents and Beyond. <b>2010</b> , 2010, 3725-3734	164
2193	Novel Magnetic Hydroxyapatite Nanoparticles as Non-Viral Vectors for the Glial Cell Line-Derived Neurotrophic Factor Gene. <b>2010</b> , 20, 67-77	64
2192	Targeting of Cancer Cells Using Quantum Dot-Polypeptide Hybrid Assemblies that Function as Molecular Imaging Agents and Carrier Systems. <b>2010</b> , 20, 4091-4097	24
2191	Quantitative Measurement of Nano-/Microparticle Endocytosis by Cell Mass Spectrometry. <b>2010</b> , 122, 3538-3542	4
2190	Quantitative measurement of nano-/microparticle endocytosis by cell mass spectrometry. <b>2010</b> , 49, 3460-4	35
2189	Curcumin enhances oral bioavailability and anti-tumor therapeutic efficacy of paclitaxel upon administration in nanoemulsion formulation. <b>2010</b> , 99, 4630-41	89
2188	Atomic force microscopy of silica nanoparticles and carbon nanohorns in macrophages and red blood cells. <b>2010</b> , 110, 586-91	29
2187	A strategy for precision engineering of nanoparticles of biodegradable copolymers for quantitative control of targeted drug delivery. <b>2010</b> , 31, 9145-55	127
2186	Metal-organic frameworks as potential drug carriers. <b>2010</b> , 14, 262-8	641
2185	A new approach for the in vitro identification of the cytotoxicity of superparamagnetic iron oxide nanoparticles. <b>2010</b> , 75, 300-9	227
2184	Concise review: Nanoparticles and cellular carriers-allies in cancer imaging and cellular gene therapy?. <b>2010</b> , 28, 1686-702	48
2183	Ultrasml near-infrared non-cadmium quantum dots for in vivo tumor imaging. <b>2010</b> , 6, 256-61	155
2182	Bioorthogonal chemistry amplifies nanoparticle binding and enhances the sensitivity of cell detection. <b>2010</b> , 5, 660-5	288

2181	Peptide-mediated liposomal drug delivery system targeting tumor blood vessels in anticancer therapy. <b>2010</b> , 2010, 723798	27
2180	Toxicology and drug delivery by cucurbit[n]uril type molecular containers. <b>2010</b> , 5, e10514	199
2179	Interactions in fluorescent-magnetic heterodimer nanocomposites. <b>2010</b> , 21, 145605	17
2178	The formulation, characterization and in vivo evaluation of a magnetic carrier for brain delivery of NIR dye. <b>2010</b> , 21, 395102	26
2177	Spleen tyrosine kinase as a molecular target for treatment of leukemias and lymphomas. <b>2010</b> , 10, 1407-18	21
2176	G protein-coupled receptors function as logic gates for nanoparticle binding and cell uptake. <b>2010</b> , 107, 10667-72	45
2175	Therapeutic Nanomedicine: Cross linked micelles with transiently linked drugs as versatile drug delivery system. <b>2010</b> , 3, 19-24	11
2174	Near-infrared quantum dots as optical probes for tumor imaging. <b>2010</b> , 10, 1147-57	55
2173	Optical imaging-guided cancer therapy with fluorescent nanoparticles. <b>2010</b> , 7, 3-18	171
2172	Use of nanoparticles for targeted, noninvasive thermal destruction of malignant cells. <b>2010</b> , 624, 359-73	40
2171	Molecularly imprinted nanotubes for enantioselective drug delivery and controlled release. <b>2010</b> , 46, 7688-90	77
2170	Zinc oxide nanoparticles for selective destruction of tumor cells and potential for drug delivery applications. <b>2010</b> , 7, 1063-77	741
2169	Biocompatible protein nanocontainers for controlled drugs release. <b>2010</b> , 4, 2838-44	62
2168	Nanopharmacy: Inorganic nanoscale devices as vectors and active compounds. <b>2010</b> , 62, 115-25	148
2167	HER2 targeting as a two-sided strategy for breast cancer diagnosis and treatment: Outlook and recent implications in nanomedical approaches. <b>2010</b> , 62, 150-65	60
2166	Tailored design of Au nanoparticle-siRNA carriers utilizing reversible addition-fragmentation chain transfer polymers. <b>2010</b> , 11, 1052-9	51
2165	Dendrimers designed for functions: from physical, photophysical, and supramolecular properties to applications in sensing, catalysis, molecular electronics, photonics, and nanomedicine. <b>2010</b> , 110, 1857-959	1534
2164	In vivo animal experimental research of magnetic nanoparticles influence on pulse wave. <b>2010</b> ,	

2163	Anti-CD4-targeted gold nanoparticles induce specific contrast enhancement of peripheral lymph nodes in X-ray computed tomography of live mice. <b>2010</b> , 10, 2318-22	144
2162	Well-defined, size-tunable, multifunctional micelles for efficient paclitaxel delivery for cancer treatment. <b>2010</b> , 21, 1216-24	135
2161	Therapeutic efficacy and microSPECT/CT imaging of 188Re-DXR-liposome in a C26 murine colon carcinoma solid tumor model. <b>2010</b> , 37, 95-104	69
2160	Targeting nanoparticles to cancer. <b>2010</b> , 62, 90-9	654
2159	Enhanced drug targeting by attachment of an anti alphav integrin antibody to doxorubicin loaded human serum albumin nanoparticles. <b>2010</b> , 31, 2388-98	110
2158	What is cancer nanotechnology?. <b>2010</b> , 624, 1-9	22
2157	RON receptor tyrosine kinase as a target for delivery of chemodrugs by antibody directed pathway for cancer cell cytotoxicity. <b>2010</b> , 7, 386-97	33
2156	A reexamination of active and passive tumor targeting by using rod-shaped gold nanocrystals and covalently conjugated peptide ligands. <b>2010</b> , 4, 5887-96	356
2155	Cancer Nanotechnology. <b>2010</b> ,	23
2154	Dynamics of Nanostructures for Drug Delivery: the Potential of QENS. <b>2010</b> , 224, 227-242	1
2153	IBD: selective nanoparticle adhesion can enhance colitis therapy. <b>2010</b> , 7, 311-2	83
2152	Hybrid nanomaterials for biomedical applications. <b>2010</b> , 46, 5832-49	237
2151	Tracking the endocytic pathway of recombinant protein toxin delivered by multiwalled carbon nanotubes. <b>2010</b> , 4, 6483-90	41
2150	On Cancer Nanotechnology. <b>2010</b> , 441, 307-332	
2149	Lipid multilayered particles: the role of chitosan on structure and morphology. <b>2010</b> , 6, 2533	7
2148	Linear polyethyleneimine-based charge-reversal nanoparticles for nuclear-targeted drug delivery. <b>2011</b> , 21, 19114	50
2147	Fullerenol entrapment in calcite microspheres. <b>2011</b> , 47, 10662-4	9
2146	Capping methotrexate carboxyl groups enhances systemic exposure and retains the cytotoxicity of drug conjugated PEGylated polylysine dendrimers. <b>2011</b> , 8, 338-49	53



2145	Porous quaternized chitosan nanoparticles containing paclitaxel nanocrystals improved therapeutic efficacy in non-small-cell lung cancer after oral administration. <b>2011</b> , 12, 4230-9	76
2144	Enabling anticancer therapeutics by nanoparticle carriers: the delivery of Paclitaxel. <b>2011</b> , 12, 4395-413	48
2143	Characterizing string-of-pearls colloidal silica by multidetector hydrodynamic chromatography and comparison to multidetector size-exclusion chromatography, off-line multiangle static light scattering, and transmission electron microscopy. <b>2011</b> , 83, 3068-75	27
2142	Conjugation of organoruthenium(II) 3-(1H-benzimidazol-2-yl)pyrazolo[3,4-b]pyridines and indolo[3,2-d]benzazepines to recombinant human serum albumin: a strategy to enhance cytotoxicity in cancer cells. <b>2011</b> , 50, 12669-79	51
2141	Magnetically Directed Targeting Aggregation of Radiolabelled Ferrite Nanoparticles. <b>2011</b> , 2011, 1-5	11
2140	Multifunctional hollow mesoporous silica nanocages for cancer cell detection and the combined chemotherapy and photodynamic therapy. <b>2011</b> , 3, 2479-86	108
2139	Aggregation properties of a polymeric anticancer therapeutic: a coarse-grained modeling study. <b>2011</b> , 51, 3030-5	8
2138	An overview of protein-polymer particles. <b>2011</b> , 7, 1599-1614	79
2137	Metal-Organic Frameworks for Biomedical Imaging. <b>2011</b> , 251-266	1
2136	Thermo and pH dual responsive, polymer shell coated, magnetic mesoporous silica nanoparticles for controlled drug release. <b>2011</b> , 21, 9239	239
2135	Chitosan and Its Derivatives for Drug Delivery Perspective. <b>2011</b> , 23-53	136
2134	The loading of labelled antibody-engineered nanoparticles with Indinavir increases its in vitro efficacy against <i>Cryptosporidium parvum</i> . <b>2011</b> , 138, 1384-91	5
2133	Nanoparticles in Drug Delivery and Cancer Therapy: The Giant Rats Tail. <b>2011</b> , 02, 325-334	24
2132	Preparation and optimization of doxorubicin-loaded albumin nanoparticles using response surface methodology. <b>2011</b> , 37, 1170-80	18
2131	Nanotechnology-Based Spatiotemporal Controlled Drug Delivery Strategies. <b>2011</b> , 53-70	
2130	Paclitaxel-loaded polyester nanoparticles prepared by spray-drying technology: in vitro bioactivity evaluation. <b>2011</b> , 28, 417-29	23
2129	Synergistic anti-cancer effects via co-delivery of TNF-related apoptosis-inducing ligand (TRAIL/Apo2L) and doxorubicin using micellar nanoparticles. <b>2011</b> , 7, 1512-22	28
2128	Uniform hollow mesoporous silica nanocages for drug delivery in vitro and in vivo for liver cancer therapy. <b>2011</b> , 21, 5299	97

2127	Functionalized Biocompatible Nanoparticles for Site-Specific Imaging and Therapeutics. <b>2011</b> , 233-275	5
2126	Use of size and a copolymer design feature to improve the biodistribution and the enhanced permeability and retention effect of doxorubicin-loaded mesoporous silica nanoparticles in a murine xenograft tumor model. <b>2011</b> , 5, 4131-44	402
2125	New Trends and Future Developments of Platinum-Based Antitumor Drugs. <b>2011</b> , 97-149	13
2124	Nanomedicine for targeted cancer therapy: towards the overcoming of drug resistance. <b>2011</b> , 14, 150-63	345
2123	Nanoparticles attenuate P-glycoprotein/MDR1 function in A549 human alveolar epithelial cells. <b>2011</b> , 77, 392-7	30
2122	Nanomedicine(s) under the microscope. <b>2011</b> , 8, 2101-41	698
2121	The emergence of drug transporter-mediated multidrug resistance to cancer chemotherapy. <b>2011</b> , 8, 1996-2011	159
2120	Chitosan-Coated Iron Oxide Nanoparticles for Molecular Imaging and Drug Delivery. <b>2011</b> , 163-184	25
2119	Effects of a nanocomposite containing Orbignya speciosa lipophilic extract on Benign Prostatic Hyperplasia. <b>2011</b> , 135, 135-46	20
2118	Aptamer-conjugated nanomaterials for bioanalysis and biotechnology applications. <b>2011</b> , 3, 546-56	98
2117	Synthesis of gadolinium nanoscale metal-organic framework with hydrotropes: manipulation of particle size and magnetic resonance imaging capability. <b>2011</b> , 3, 1502-10	83
2116	Improving drug potency and efficacy by nanocarrier-mediated subcellular targeting. <b>2011</b> , 3, 64ra2	204
2115	Nanoparticles for Photodynamic Therapy. <b>2011</b> , 1-28	4
2114	. <b>2011</b> ,	115
2113	Cancer Nanotechnology Offers Great Promise for Cancer Research and Therapy. 563-572	
2112	Combination Chemotherapy in Cancer: Principles, Evaluation and Drug Delivery Strategies. <b>2011</b> ,	3
2111	Smart Nanocarriers: A New Paradigm for Tumor Targeting Drug Delivery Systems. <b>2011</b> , 1, 67-84	
2110	Nanotechnology advances in brain tumors: the state of the art. <b>2011</b> , 6, 58-69	25

2109	Convection-enhanced delivery of methotrexate-loaded maghemite nanoparticles. <b>2011</b> , 6, 1595-602	42
2108	Nanotherapeutics to overcome conventional cancer chemotherapy limitations. <b>2011</b> , 14, 67-77	293
2107	Anti-DR5 monoclonal antibody-mediated DTIC-loaded nanoparticles combining chemotherapy and immunotherapy for malignant melanoma: target formulation development and in vitro anticancer activity. <b>2011</b> , 6, 1991-2005	26
2106	Multi-access drug delivery network and stability. <b>2011</b> , 6, 1757-64	3
2105	Characterization of a human antibody fragment Fab and its calcium phosphate nanoparticles that inhibit rabies virus infection with vaccine. <b>2011</b> , 6, e19848	10
2104	Drug targeting strategies in cancer treatment: an overview. <b>2011</b> , 11, 1-17	118
2103	Receptor mediated tumor targeting: an emerging approach for cancer therapy. <b>2011</b> , 8, 45-58	79
2102	Nanobiotechnology approaches for targeted delivery of pharmaceuticals and cosmetics ingredients. <b>2011</b> , 8, 66	1
2101	Preparation, characterization and targeting of micronized 10-hydroxycamptothecin-loaded folate-conjugated human serum albumin nanoparticles to cancer cells. <b>2011</b> , 6, 397-405	29
2100	Recombinant human CD19-ligand protein as a potent anti-leukaemic agent. <b>2011</b> , 153, 15-23	10
2099	Enhanced noscapine delivery using uPAR-targeted optical-MR imaging trackable nanoparticles for prostate cancer therapy. <b>2011</b> , 149, 314-22	70
2098	Tuning core vs. shell dimensions to adjust the performance of nanoscopic containers for the loading and release of doxorubicin. <b>2011</b> , 152, 37-48	56
2097	Temperature-sensitive nanocapsule for drug delivery. <b>2011</b> , 6, 39	
2096	Novel nanotechnology approaches to diagnosis and therapy of ovarian cancer. <b>2011</b> , 120, 393-403	47
2095	OPA quantification of amino groups at the surface of lipidic nanocapsules (LNCs) for ligand coupling improvement. <b>2011</b> , 419, 266-70	8
2094	Characterization and evaluation of chitosan nanoparticles for dopamine brain delivery. <b>2011</b> , 419, 296-307	153
2093	A 5-fluorouracil-loaded pH-responsive dendrimer nanocarrier for tumor targeting. <b>2011</b> , 420, 378-84	60
2092	Multifunctional silica nanoparticles for targeted delivery of hydrophobic imaging and therapeutic agents. <b>2011</b> , 421, 370-8	25

2091	Deep penetration of a PDT drug into tumors by noncovalent drug-gold nanoparticle conjugates. <b>2011</b> , 133, 2583-91	236
2090	Polyacrylamide nanoparticles as a delivery system in photodynamic therapy. <b>2011</b> , 8, 920-31	78
2089	Lipophilic prodrugs and formulations of conventional (deoxy)nucleoside and fluoropyrimidine analogs in cancer. <b>2011</b> , 30, 1168-80	10
2088	Study of the pilot production process of long-circulating and pH-sensitive liposomes containing cisplatin. <b>2011</b> , 21, 60-9	31
2087	Recent Advances in Bioresponsive Nanomaterials. <b>2011</b> , 379-435	1
2086	Doxorubicin-tethered responsive gold nanoparticles facilitate intracellular drug delivery for overcoming multidrug resistance in cancer cells. <b>2011</b> , 5, 3679-92	636
2085	Model drug delivery system based on nanodiamonds. <b>2011</b> , 6, 256-264	3
2084	Adaptive micro and nanoparticles: temporal control over carrier properties to facilitate drug delivery. <b>2011</b> , 63, 1247-56	188
2083	Self-assembling process of flash nanoprecipitation in a multi-inlet vortex mixer to produce drug-loaded polymeric nanoparticles. <b>2011</b> , 13, 4109-4120	91
2082	Caleosin-based nanoscale oil bodies for targeted delivery of hydrophobic anticancer drugs. <b>2011</b> , 13, 7127-7137	2
2081	Targeting acute hypoxic cancer cells by doxorubicin-immunoliposomes directed by monoclonal antibodies specific to RON receptor tyrosine kinase. <b>2011</b> , 67, 1073-83	17
2080	Characterizing a spheroidal nanocage drug delivery vesicle using multi-detector hydrodynamic chromatography. <b>2011</b> , 399, 1507-14	20
2079	In vitro and in vivo characteristics of core-shell type nanogel particles: optimization of core cross-linking density and surface poly(ethylene glycol) density in PEGylated nanogels. <b>2011</b> , 7, 3354-61	32
2078	Drug resistance in cancer therapy. <b>2011</b> , 1, 407-8	
2077	Self-assembling, protein-based intracellular bacterial organelles: emerging vehicles for encapsulating, targeting and delivering therapeutical cargoes. <b>2011</b> , 10, 92	36
2076	Novel docetaxel-loaded nanoparticles based on poly(lactide-co-caprolactone) and poly(lactide-co-glycolide-co-caprolactone) for prostate cancer treatment: formulation, characterization, and cytotoxicity studies. <b>2011</b> , 6, 260	103
2075	Liposomal imatinib-mitoxantrone combination: formulation development and therapeutic evaluation in an animal model of prostate cancer. <b>2011</b> , 71, 81-90	22
2074	Advanced optical imaging reveals the dependence of particle geometry on interactions between CdSe quantum dots and immune cells. <b>2011</b> , 7, 334-41	37

2073	Cellular uptake, intracellular trafficking, and cytotoxicity of nanomaterials. <b>2011</b> , 7, 1322-37	823
2072	Controlling ligand surface density optimizes nanoparticle binding to ICAM-1. <b>2011</b> , 100, 1045-56	70
2071	Nanomaterials: applications in cancer imaging and therapy. <b>2011</b> , 23, H18-40	729
2070	Cancer nanotheranostics: improving imaging and therapy by targeted delivery across biological barriers. <b>2011</b> , 23, H217-47	384
2069	Radiolabeled Nanoplatforms: Imaging Hot Bullets Hitting their Target. <b>2011</b> , 399-429	3
2068	Nanoparticles for Combined Cancer Imaging and Therapy. <b>2011</b> , 565-592	1
2067	Polydiacetylene vesicles containing $\beta$ -cyclodextrin and azobenzene as photocontrolled nanocarriers. <b>2011</b> , 12, 2714-8	3
2066	Convergent assembly and surface modification of multifunctional dendrimers by three consecutive click reactions. <b>2011</b> , 17, 839-46	55
2065	Real time monitoring of the drug release of rhodamine B on graphene oxide. <b>2011</b> , 49, 1126-1132	103
2064	Efficient water soluble O-carboxymethyl chitosan nanocarrier for the delivery of curcumin to cancer cells. <b>2011</b> , 83, 452-461	260
2063	In vivo NIR imaging with CdTe/CdSe quantum dots entrapped in PLGA nanospheres. <b>2011</b> , 353, 363-71	53
2062	Fluorescent hollow/rattle-type mesoporous Au@SiO <sub>2</sub> nanocapsules for drug delivery and fluorescence imaging of cancer cells. <b>2011</b> , 358, 109-15	66
2061	Synthesis of poly(acrylic acid) (PAA) modified Pluronic P123 copolymers for pH-stimulated release of doxorubicin. <b>2011</b> , 358, 462-70	26
2060	Functionalized nanoscale oil bodies for targeted delivery of a hydrophobic drug. <b>2011</b> , 22, 415102	15
2059	Utilization of monoclonal antibody-targeted nanomaterials in the treatment of cancer. <b>2011</b> , 3, 467-78	24
2058	Cancer nanotechnology: emerging role of gold nanoconjugates. <b>2011</b> , 11, 965-73	29
2057	A Reverse Oscillatory Flow microreactor system for the synthesis of uniformly-size CdS nanoparticles. <b>2011</b> ,	2
2056	Drug delivery applications of injectable biomaterials. <b>2011</b> , 95-141	3

2055	In vitro and in vivo evaluation of folate receptor-targeting amphiphilic copolymer-modified liposomes loaded with docetaxel. <b>2011</b> , 6, 1167-84	30
2054	Effects of polyethylene glycol spacer length and ligand density on folate receptor targeting of liposomal Doxorubicin in vitro. <b>2011</b> , 2011, 160967	45
2053	Interaction of curcumin nanoformulations with human plasma proteins and erythrocytes. <b>2011</b> , 6, 2779-90	41
2052	Combinatorial therapies improve the therapeutic efficacy of nanoliposomal ceramide for pancreatic cancer. <b>2011</b> , 12, 574-85	55
2051	Indian gold treating cancer in the age of nano. <b>2011</b> , 11, 474-6	9
2050	Cell-centric view of apoptosis and apoptotic cell death-inducing antitumoral strategies. <b>2011</b> , 3, 1042-80	11
2049	Preparation and Characterization of Self-Emulsified Docetaxel. <b>2011</b> , 2011, 1-6	5
2048	Time Difference of Arrival Based Cancer Tumor Localization Using Magnetic Nano Particles Induced Acoustic Signals. <b>2012</b> , 1486, 1	1
2047	Multifunctional cell therapeutics with plasmonic nanobubbles. <b>2012</b> ,	
2046	Polyethylene Oxide-Polystyrene Oxide Triblock Copolymers as Biological-Responsive Nanocarriers.. <b>2012</b> , 1468, 7	1
2045	Antibody-conjugated nanoparticles for therapeutic applications. <b>2012</b> , 19, 3103-27	83
2044	Active drug targeting of disease by nanoparticles functionalized with ligand to folate receptor. <b>2012</b> , 19, 3152-62	15
2043	Doxorubicin-loaded nanoparticles: new advances in breast cancer therapy. <b>2012</b> , 12, 1058-70	77
2042	PEGylation of proteins and liposomes: a powerful and flexible strategy to improve the drug delivery. <b>2012</b> , 13, 105-19	270
2041	Nanomedicines for inflammatory diseases. <b>2012</b> , 508, 355-75	13
2040	Micellization and Structure of MOPEO-b-PCL Copolymers and Their Application as Nanocontainers for Drugs. <b>2012</b> , 317-318, 34-46	
2039	High-performance method for specific effect on nucleic acids in cells using TiO <sub>2</sub> -DNA nanocomposites. <b>2012</b> , 2, 756	25
2038	Nanostructured porous Si-based nanoparticles for targeted drug delivery. <b>2012</b> , 2, 296-312	94

2037	Dual targeting strategies with bispecific antibodies. <b>2012</b> , 4, 182-97	309
2036	Shining light on nuclear-targeted therapy using gold nanostar constructs. <b>2012</b> , 3, 1263-7	21
2035	Drug targeting to cancer by nanoparticles surface functionalized with special biomolecules. <b>2012</b> , 19, 3188-95	36
2034	Preparation and Characterization of Folate Targeting Magnetic Nanomedicine Loaded with Cisplatin. <b>2012</b> , 2012, 1-9	8
2033	Drug delivery carriers. <b>2012</b> , 54-67	
2032	Targeted delivery of nanomedicines. <b>2012</b> , 2012, 571394	59
2031	1,3-Beta-Glucans: Drug Delivery and Pharmacology. <b>2012</b> ,	0
2030	New chitosan nanobubbles for ultrasound-mediated gene delivery: preparation and in vitro characterization. <b>2012</b> , 7, 3309-18	70
2029	Co-delivery strategies based on multifunctional nanocarriers for cancer therapy. <b>2012</b> , 13, 1087-96	19
2028	Biodegradable Nanoparticles Surface Modification Techniques With cIBR Peptide Targeting to LFA-1 Expressing Leukemic Cells. <b>2012</b> , 3,	
2027	Chemopreventive and chemotherapeutic potential of curcumin in breast cancer. <b>2012</b> , 13, 1799-819	83
2026	Photo-oxidative action in MCF-7 cancer cells induced by hydrophobic cyanines loaded in biodegradable microemulsion-templated nanocapsules. <b>2012</b> , 41, 105-16	9
2025	From amino acids to proteins as targets for metal-based drugs. <b>2012</b> , 13, 306-20	18
2024	Plasmonic nanobubbles rapidly detect and destroy drug-resistant tumors. <b>2012</b> , 2, 976-87	22
2023	Biomedical applications of engineered nanoparticles in diagnosis and therapeutics. <b>2012</b> , 1, 319	
2022	Mesoporous Silica Nanoparticles in Nanomedicine. <b>2012</b> , 135-182	
2021	Towards Control of Magnetic Fluids in Patients: Directing Therapeutic Nanoparticles to Disease Locations. <b>2012</b> , 32, 32-74	64
2020	Gold and iron oxide hybrid nanocomposite materials. <b>2012</b> , 41, 1911-28	219

2019	Preparation and physicochemical characterization of a novel paclitaxel-loaded amphiphilic aminocalixarene nanoparticle platform for anticancer chemotherapy. <b>2012</b> , 64, 1403-11	20
2018	Characterization of a tamoxifen-tethered single-walled carbon nanotube conjugate by using NMR spectroscopy. <b>2012</b> , 404, 771-6	10
2017	Modern micro and nanoparticle-based imaging techniques. <b>2012</b> , 12, 14792-820	52
2016	Nanotechnology as Emerging Tool for Enhancing Solubility of Poorly Water-Soluble Drugs. <b>2012</b> , 2, 227-250	62
2015	Nanotheranostics for personalized medicine. <b>2012</b> , 64, 1394-416	349
2014	Curcumin-loaded N,O-carboxymethyl chitosan nanoparticles for cancer drug delivery. <b>2012</b> , 23, 1381-400	88
2013	Construction of hydroxypropyl-β-cyclodextrin copolymer nanoparticles and targeting delivery of paclitaxel. <b>2012</b> , 14, 1	13
2012	Supramolecular hydrogels as a universal scaffold for stepwise delivering Dox and Dox/cisplatin loaded block copolymer micelles. <b>2012</b> , 437, 11-9	49
2011	Vitamin E TPGS prodrug micelles for hydrophilic drug delivery with neuroprotective effects. <b>2012</b> , 438, 98-106	67
2010	Fluorescence study of drug-carrier interactions in CTAB/PBS buffer model systems. <b>2012</b> , 377, 251-61	25
2009	Nanotechnology and carbon nanotubes; A review of potential in drug delivery. <b>2012</b> , 20, 891-898	17
2008	Nanotechnology: The "Top-Down" and "Bottom-Up" Approaches. <b>2012</b> ,	45
2007	Self-Assembly of Polymers into Soft Nanoparticles and Nanocapsules. <b>2012</b> ,	1
2006	Tamoxifen-loaded nanoparticles based on a novel mixture of biodegradable polyesters: characterization and <i>in vitro</i> evaluation as sustained release systems. <b>2012</b> , 29, 309-22	9
2005	Hollow superparamagnetic iron oxide nanoshells as a hydrophobic anticancer drug carrier: intracellular pH-dependent drug release and enhanced cytotoxicity. <b>2012</b> , 4, 5744-54	55
2004	Acid-labile core-layer-shell polymer nanoparticles: modeling particle disintegration and subsequent drug release. <b>2012</b> , 8, 8891	3
2003	Development of Pharmaceutically Adapted Mesoporous Silica Nanoparticles Platform. <b>2012</b> , 3, 358-9	9
2002	Target-specific copper hybrid T7 phage particles. <b>2012</b> , 28, 17372-80	7



2001	Lipid-anchored drugs for delivery into subcellular compartments. <b>2012</b> , 33, 215-22	18
2000	Aptamer-dendrimer bioconjugate: a nanotool for therapeutics, diagnosis, and imaging. <b>2012</b> , 9, 1273-88	21
1999	Applications of nanotechnology in dermatology. <b>2012</b> , 132, 964-75	128
1998	Magnetic nanoparticle-based hyperthermia for head & neck cancer in mouse models. <b>2012</b> , 2, 113-21	117
1997	Impact of metal oxide nanoparticles on oral release properties of pH-sensitive hydrogel nanocomposites. <b>2012</b> , 50, 1334-40	37
1996	Alendronate coated poly-lactic-co-glycolic acid (PLGA) nanoparticles for active targeting of metastatic breast cancer. <b>2012</b> , 33, 7164-73	150
1995	Cancer nanomedicines targeting tumor extracellular pH. <b>2012</b> , 99, 116-26	97
1994	Paclitaxel loaded folic acid targeted nanoparticles of mixed lipid-shell and polymer-core: in vitro and in vivo evaluation. <b>2012</b> , 81, 248-56	113
1993	Reactive polymer as a versatile toolbox for construction of multifunctional superparamagnetic nanocomposites. <b>2012</b> , 18, 13755-61	16
1992	Preparation of pixantrone/poly(L-glutamic acid) nanoparticles through complex self-assembly for oral chemotherapy. <b>2012</b> , 12, 1524-33	10
1991	Poly(2-oxazoline)s--are they more advantageous for biomedical applications than other polymers?. <b>2012</b> , 33, 1648-62	221
1990	Magnetic nanoparticles sensitize MCF-7 breast cancer cells to doxorubicin-induced apoptosis. <b>2012</b> , 10, 62	32
1989	Bioconjugation of luminescent silicon quantum dots to gadolinium ions for bioimaging applications. <b>2012</b> , 4, 5483-9	70
1988	Theranostic Polymeric Micelles for Cancer Imaging and Therapy. <b>2012</b> , 257-276	1
1987	Personalized nanomedicine. <i>Clinical Cancer Research</i> , <b>2012</b> , 18, 4889-94	12.9 138
1986	Novel erythropoietin-loaded nanoparticles with prolonged in vivo response. <b>2012</b> , 29, 650-6	14
1985	Nanotechnology advances in upper gastrointestinal, liver and pancreatic cancer. <b>2012</b> , 6, 343-56	6
1984	Carbon Nanotubes for Cancer Therapy. <b>2012</b> ,	1

1983	Nanotechnology in therapeutics: a focus on nanoparticles as a drug delivery system. <b>2012</b> , 7, 1253-71	387
1982	Utilizing the folate receptor for active targeting of cancer nanotherapeutics. <b>2012</b> , 3,	296
1981	Nanocarrier Mediated Cytosolic Delivery of Drug, DNA and Proteins. <b>2012</b> , 82, 127-150	7
1980	Synthesis of folate receptor-targeted and Doxorubicin-coupled chemotherapeutic nanoconjugate and research into its medical applications. <b>2012</b> , 42, 551-63	10
1979	Immunomicelles for advancing personalized therapy. <b>2012</b> , 64, 1436-46	30
1978	Multifunctional ZnPc-loaded mesoporous silica nanoparticles for enhancement of photodynamic therapy efficacy by endolysosomal escape. <b>2012</b> , 33, 7903-14	105
1977	Assessment of toxicity of nanoparticles using insects as biological models. <b>2012</b> , 906, 423-33	1
1976	Nanotechnology-based approaches in anticancer research. <b>2012</b> , 7, 4391-408	173
1975	Nanotoxicity. <b>2012</b> ,	12
1974	Drug Delivery Systems to Fight Cancer. <b>2012</b> , 493-516	4
1973	Low frequency heating of gold nanoparticle dispersions for non-invasive thermal therapies. <b>2012</b> , 4, 3945-53	46
1972	Prodrug strategy for PSMA-targeted delivery of TGX-221 to prostate cancer cells. <b>2012</b> , 9, 1705-16	43
1971	Multifunctional Nanoparticles for Drug Delivery Applications. <b>2012</b> ,	25
1970	Two-step nanoprecipitation for the production of protein-loaded PLGA nanospheres. <b>2012</b> , 2, 79-85	53
1969	Synthesis and physicochemical characterization of amphiphilic triblock copolymer brush containing pH-sensitive linkage for oral drug delivery. <b>2012</b> , 28, 8251-9	66
1968	PEGylated liposomal doxorubicin targeted to $\alpha$ -expressing MDA-MB-231 breast cancer cells. <b>2012</b> , 28, 4729-36	63
1967	Has nanotechnology led to improved therapeutic outcomes?. <b>2012</b> , 38, 158-70	32
1966	Polymeric nanocarriers and nanoreactors: a survey of possible therapeutic applications. <b>2012</b> , 18, 2622-43	12

1965	Nanocrystalline carbonate-apatites: role of Ca/P ratio on the upload and release of anticancer platinum bisphosphonates. <b>2012</b> , 4, 206-17	62
1964	Improved cellular specificity of plasmonic nanobubbles versus nanoparticles in heterogeneous cell systems. <b>2012</b> , 7, e34537	32
1963	Polymeric and Ceramic Nanoparticles in Biomedical Applications. <b>2012</b> , 2012, 1-10	72
1962	The ligand nanoparticle conjugation approach for targeted cancer therapy. <b>2012</b> , 13, 22-41	59
1961	Targeted Nanoparticles for Cancer Therapy. <b>2012</b> ,	10
1960	Nanocarriers for transdermal drug delivery. <b>2012</b> , 3	27
1959	Peptide-mediated targeting of liposomes to TrkB receptor-expressing cells. <b>2012</b> , 7, 3475-85	9
1958	Design of near-infrared fluorescent bioactive conjugated functional iron oxide nanoparticles for optical detection of colon cancer. <b>2012</b> , 7, 5517-27	13
1957	Stimulus-responsive controlled release system by covalent immobilization of an enzyme into mesoporous silica nanoparticles. <b>2012</b> , 23, 698-704	54
1956	Confocal Raman microspectroscopic study of folate receptor-targeted delivery of 6-mercaptopurine-embedded gold nanoparticles in a single cell. <b>2012</b> , 100, 1221-8	7
1955	Multifunctional dendritic polymers in nanomedicine: opportunities and challenges. <b>2012</b> , 41, 2824-48	349
1954	Targeted polymeric therapeutic nanoparticles: design, development and clinical translation. <b>2012</b> , 41, 2971-3010	1286
1953	Effects of silver nanoparticles on zebrafish ( <i>Danio rerio</i> ) and <i>Escherichia coli</i> (ATCC 25922): a comparison of toxicity based on total surface area versus mass concentration of particles in a model eukaryotic and prokaryotic system. <b>2012</b> , 31, 1793-800	51
1952	Effective delivery of chemotherapeutic nanoparticles by depleting host Kupffer cells. <b>2012</b> , 131, 2402-10	35
1951	Targeting drugs to mitochondria. <b>2012</b> , 82, 1-18	114
1950	Self-Assembled Nanoparticles with Dual Effects of Passive Tumor Targeting and Cancer-Selective Anticancer Effects. <b>2012</b> , 22, 1199-1208	33
1949	Advanced materials for co-delivery of drugs and genes in cancer therapy. <b>2012</b> , 1, 373-92	114
1948	Surfactant chain length effects on nanoparticles of biodegradable polymers for targeted drug delivery. <b>2012</b> , 58, 3289-3297	6

1947	Chemically modifiable fluorinated copolymer nanoparticles for <sup>19</sup> F-MRI contrast enhancement. <b>2012</b> , 126, 1218-1227	5
1946	Transgene delivery using poly(amino ether)-gold nanorod assemblies. <b>2012</b> , 109, 1336-46	13
1945	Construction of a graphene oxide based noncovalent multiple nanosupramolecular assembly as a scaffold for drug delivery. <b>2012</b> , 18, 4208-15	162
1944	Nanocarrier systems for delivery of siRNA to ovarian cancer tissues. <b>2012</b> , 9, 743-54	6
1943	pH-responsive drug delivery systems based on clickable poly(L-glutamic acid)-grafted comb copolymers. <b>2012</b> , 20, 292-301	26
1942	Nanoparticle delivery systems for cancer therapy: advances in clinical and preclinical research. <b>2012</b> , 14, 83-93	209
1941	Microwave-enhanced reductive amination via Schiff's base formation for block copolymer synthesis. <b>2012</b> , 87, 2740-2744	10
1940	Conjugation of hydroxyapatite nanocrystals with human immunoglobulin G for nanomedical applications. <b>2012</b> , 90, 1-7	43
1939	Methylmethacrylate-sulfopropylmethacrylate nanoparticles with surface RMP-7 for targeting delivery of antiretroviral drugs across the blood-brain barrier. <b>2012</b> , 90, 75-82	43
1938	Non-condensing polymeric nanoparticles for targeted gene and siRNA delivery. <b>2012</b> , 427, 21-34	40
1937	Synthesis and biological evaluation of radiolabeled photosensitizer linked bovine serum albumin nanoparticles as a tumor imaging agent. <b>2012</b> , 422, 472-8	28
1936	Combination therapy with metronomic S-1 dosing and oxaliplatin-containing PEG-coated cationic liposomes in a murine colorectal tumor model: synergy or antagonism?. <b>2012</b> , 426, 263-270	6
1935	Synthesis, characterization and examination of Gd[DO3A-hexylamine]-functionalized silica nanoparticles as contrast agent for MRI-applications. <b>2012</b> , 366, 70-79	19
1934	Plasmonic nanobubble-enhanced endosomal escape processes for selective and guided intracellular delivery of chemotherapy to drug-resistant cancer cells. <b>2012</b> , 33, 1821-6	87
1933	The targeted delivery of anticancer drugs to brain glioma by PEGylated oxidized multi-walled carbon nanotubes modified with angiopep-2. <b>2012</b> , 33, 3324-33	306
1932	Pharmacokinetics of a paclitaxel-loaded low molecular weight heparin-all-trans-retinoid acid conjugate ternary nanoparticulate drug delivery system. <b>2012</b> , 33, 5431-40	63
1931	Gadolinium loaded nanoparticles in theranostic magnetic resonance imaging. <b>2012</b> , 33, 5363-75	143
1930	A prodrug strategy to deliver cisplatin(IV) and paclitaxel in nanomicelles to improve efficacy and tolerance. <b>2012</b> , 33, 6507-19	156

1929	Gadolinium containing photochromic micelles as potential magnetic resonance imaging traceable drug carriers. <b>2012</b> , 88, 876-83	6
1928	Unquenched fluorescence lifetime for $\beta$ -phenylthio substituted zinc phthalocyanine upon conjugation to gold nanoparticles. <b>2012</b> , 34, 114-120	11
1927	Stearoyl gemcitabine nanoparticles overcome resistance related to the over-expression of ribonucleotide reductase subunit M1. <b>2012</b> , 157, 132-40	48
1926	Targeted delivery of oligonucleotides into tumor-associated macrophages for cancer immunotherapy. <b>2012</b> , 158, 286-92	123
1925	PLGA-based nanoparticles: an overview of biomedical applications. <b>2012</b> , 161, 505-22	2194
1924	On the cellular processing of non-viral nanomedicines for nucleic acid delivery: mechanisms and methods. <b>2012</b> , 161, 566-81	118
1923	Nanoparticles based on succinylchitosan with doxorubicin: Preparation and properties. <b>2012</b> , 7, 85-92	10
1922	A Multifunctional Cationic Pentathiophene: Synthesis, Organelle-Selective Imaging, and Anticancer Activity. <b>2012</b> , 22, 736-743	38
1921	Plasmonic nanobubbles enhance efficacy and selectivity of chemotherapy against drug-resistant cancer cells. <b>2012</b> , 24, 3831-7	84
1920	Size-tunable nanoparticles composed of dextran-b-poly(D,L-lactide) for drug delivery applications. <b>2012</b> , 5, 49-61	58
1919	Caleosin-assembled oil bodies as a potential delivery nanocarrier. <b>2012</b> , 93, 1905-15	12
1918	Low-molecular-weight methylcellulose-based thermo-reversible gel/pluronic micelle combination system for local and sustained docetaxel delivery. <b>2012</b> , 29, 525-34	31
1917	Medicinal chemistry based approaches and nanotechnology-based systems to improve CNS drug targeting and delivery. <b>2013</b> , 33, 457-516	56
1916	A transdermal diltiazem hydrochloride delivery device using multi-walled carbon nanotube/poly(vinyl alcohol) composites. <b>2013</b> , 52, 305-315	24
1915	Nanoparticle uptake in tumors is mediated by the interplay of vascular and collagen density with interstitial pressure. <b>2013</b> , 9, 151-8	47
1914	SPECT/CT imaging of radiolabeled cubosomes and hexosomes for potential theranostic applications. <b>2013</b> , 34, 8491-503	65
1913	Colloidal stability, surface characterisation and intracellular accumulation of Rhodium(II) citrate coated superparamagnetic iron oxide nanoparticles in breast tumour: a promising platform for cancer therapy. <b>2013</b> , 15, 1	7
1912	Dopamine-quantum dot conjugate: a new kind of photosensitizers for photodynamic therapy of cancers. <b>2013</b> , 15, 1	16

1911 New Advances on Disease Biomarkers and Molecular Targets in Biomedicine. **2013**,

1910 Direct observation of a single nanoparticle-ubiquitin corona formation. **2013**, 5, 9162-9 100

1909 Oxidative Stress and Nanotechnology. **2013**, 7

1908 Combination of siRNA-directed Gene Silencing With Cisplatin Reverses Drug Resistance in Human Non-small Cell Lung Cancer. **2013**, 2, e110 97

1907 NMR study of the supramolecular structure of dual drug-loaded poly(butylcyanoacrylate) nanoparticles. **2013**, 15, 16657-64 9

1906 Biodistribution and pharmacokinetics of EGFR-targeted thiolated gelatin nanoparticles following systemic administration in pancreatic tumor-bearing mice. **2013**, 10, 2031-44 58

1905 Particle adsorption at polydimethylsiloxane (PDMS)/water interfaces in the presence of a cross-linking reaction. **2013**, 400, 70-7 5

1904 Biomedical applications and colloidal properties of amphiphilically modified chitosan hybrids. **2013**, 38, 1307-1328 77

1903 Application of different analytical methods for the characterization of non-spherical micro- and nanoparticles. **2013**, 453, 620-9 35

1902 Delivery of bleomycin A5 into cells using TiO<sub>2</sub> nanoparticles to enhance the degradation of intracellular DNA. **2013**, 8, 277-282 2

1901 Self-associated submicron IgG1 particles for pulmonary delivery: effects of non-ionic surfactants on size, shape, stability, and aerosol performance. **2013**, 14, 200-10 13

1900 Lipid-polymer hybrid nanoparticles as a new generation therapeutic delivery platform: a review. **2013**, 85, 427-43 391

1899 Polymeric micelles for multidrug delivery and combination therapy. **2013**, 19, 12586-601 59

1898 Rare-earth-doped biological composites as in vivo shortwave infrared reporters. **2013**, 4, 2199 500

1897 Bioengineering strategies for designing targeted cancer therapies. **2013**, 118, 1-59 49

1896 Enhanced solubility and modified release of poorly water-soluble drugs via self-assembled gelatin-oleic acid nanoparticles. **2013**, 455, 235-40 38

1895 Targeted delivery of 10-hydroxycamptothecin to human breast cancers by cyclic RGD-modified lipid-polymer hybrid nanoparticles. **2013**, 8, 025012 47

1894 Heparin-folate-retinoic acid bioconjugates for targeted delivery of hydrophobic photosensitizers. **2013**, 92, 1615-24 37

1893	Functionalization of small rigid platforms with cyclic RGD peptides for targeting tumors overexpressing $\alpha_5\beta_1$ -integrins. <b>2013</b> , 24, 1584-97	42
1892	Polymeric Nanomedicines as a Promising Vehicle for Solid Tumor Therapy and Targeting. <b>2013</b> , 13, 179-204	20
1891	Mesoporous Silica Nanoparticles for Cancer Therapy. <b>2013</b> , 231-242	
1890	Nanodiamonds for surface engineering of orthopedic implants: Enhanced biocompatibility in human osteosarcoma cell culture. <b>2013</b> , 40, 107-114	27
1889	Fluorescent protein capped mesoporous nanoparticles for intracellular drug delivery and imaging. <b>2013</b> , 19, 15378-83	22
1888	Drug Delivery Using Nanosized Layered Double Hydroxide, an Anionic Clay. <b>2013</b> , 571, 133-167	6
1887	Ionically-crosslinked milk protein nanoparticles as flutamide carriers for effective anticancer activity in prostate cancer-bearing rats. <b>2013</b> , 85, 444-51	43
1886	The Evolution of Tumor-Targeted Drug Delivery: From the EPR Effect to Nanoswimmers. <b>2013</b> , 53, n/a-n/a	
1885	Multifunctional nanoparticles for targeted delivery of immune activating and cancer therapeutic agents. <b>2013</b> , 172, 1020-34	174
1884	Targeted delivery of EV peptide to tumor cell cytoplasm using lipid coated calcium carbonate nanoparticles. <b>2013</b> , 334, 311-8	46
1883	Nanomedicine therapeutic approaches to overcome cancer drug resistance. <b>2013</b> , 65, 1866-79	489
1882	Crosslinked multilamellar liposomes for controlled delivery of anticancer drugs. <b>2013</b> , 34, 3098-109	81
1881	Multifunctional nanoparticles for targeting cancer and inflammatory diseases. <b>2013</b> , 21, 888-903	19
1880	Nano-sized melphalan and sarcolysine drug delivery systems: synthesis and prospects of application. <b>2013</b> , 82, 783-814	9
1879	Nullifying tumor efflux by prolonged endolysosome vesicles: development of low dose anticancer-carbon nanotube drug. <b>2013</b> , 7, 8484-97	34
1878	Biodegradable and amphiphilic block copolymer-doxorubicin conjugate as polymeric nanoscale drug delivery vehicle for breast cancer therapy. <b>2013</b> , 34, 8430-43	126
1877	Phospholipid-functionalized mesoporous silica nanocarriers for selective photodynamic therapy of cancer. <b>2013</b> , 34, 7462-70	72
1876	The use of femto-second lasers to trigger powerful explosions of gold nanorods to destroy cancer cells. <b>2013</b> , 34, 6157-62	21

1875	Nanotechnology for Cancer Treatment: Possibilities and Limitations. <b>2013</b> , 37-56	6
1874	References. <b>2013</b> , 1017-1094	
1873	Targeted Drug Delivery: Multifunctional Nanoparticles and Direct Micro-Drug Delivery to Tumors. <b>2013</b> , 391-416	4
1872	A novel strategy for targeting photodynamic therapy. Molecular combo of photodynamic agent zinc(II) phthalocyanine and small molecule target-based anticancer drug erlotinib. <b>2013</b> , 49, 9570-2	54
1871	Inhalation delivery of Telmisartan enhances intratumoral distribution of nanoparticles in lung cancer models. <b>2013</b> , 172, 86-95	58
1870	Physicochemical aspects behind the size of biodegradable polymeric nanoparticles: A step forward. <b>2013</b> , 436, 1092-1102	40
1869	Enhanced cancer cell killing by a targeting gold nanoconstruct with doxorubicin payload under X-ray irradiation. <b>2013</b> , 3, 21596	13
1868	. <b>2013</b> ,	
1867	Liposome and protein based stealth nanoparticles. <b>2013</b> , 166, 417-29	24
1866	Mechanistic modeling identifies drug-uptake history as predictor of tumor drug resistance and nano-carrier-mediated response. <b>2013</b> , 7, 11174-11182	56
1865	Docetaxel and curcumin-containing poly(ethylene glycol)-block-poly( $\epsilon$ -caprolactone) polymer micelles. <b>2013</b> , 4, 025006	2
1864	Bionanomaterials for bone tumor engineering and tumor destruction. <b>2013</b> , 1, 1519-1534	20
1863	Sub-100 nm biodegradable nanoparticles: in vitro release features and toxicity testing in 2D and 3D cell cultures. <b>2013</b> , 24, 045101	22
1862	Nano- and microscaled particles for drug targeting to inflamed intestinal mucosa: a first in vivo study in human patients. <b>2013</b> , 165, 139-45	143
1861	In vivo targeted deep-tissue photodynamic therapy based on near-infrared light triggered upconversion nanoconstruct. <b>2013</b> , 7, 676-88	404
1860	Bromocriptine loaded chitosan nanoparticles intended for direct nose to brain delivery: pharmacodynamic, pharmacokinetic and scintigraphy study in mice model. <b>2013</b> , 48, 393-405	185
1859	Gold nanoparticles: emerging paradigm for targeted drug delivery system. <b>2013</b> , 31, 593-606	250
1858	The influence of size, shape and vessel geometry on nanoparticle distribution. <b>2013</b> , 14, 77-87	145



1857	Nanoemulsions and nanoparticles for non-melanoma skin cancer: effects of lipid materials. <b>2013</b> , 15, 417-24	29
1856	Application of near-infrared dyes for tumor imaging, photothermal, and photodynamic therapies. <b>2013</b> , 102, 6-28	204
1855	[TiO <sub>2</sub> -DNA nanocomposites capable of penetrating into cells]. <b>2013</b> , 39, 87-98	7
1854	Micellar nanocontainers based on PAAM-b-PEO-b-PAAM triblock copolymers for poorly soluble drugs. <b>2013</b> , 49, 405-418	12
1853	Encapsulation of paclitaxel into lauric acid-O-carboxymethyl chitosan-transferrin micelles for hydrophobic drug delivery and site-specific targeted delivery. <b>2013</b> , 457, 124-35	71
1852	Ferritin nanocages: great potential as clinically translatable drug delivery vehicles?. <b>2013</b> , 8, 1555-7	23
1851	Characterization and cytotoxicity of nanostructured lipid carriers formulated with olive oil, hydrogenated palm oil, and polysorbate 80. <b>2013</b> , 12, 72-8	34
1850	Spacer intercalated disassembly and photodynamic activity of zinc phthalocyanine inside nanochannels of mesoporous silica nanoparticles. <b>2013</b> , 5, 12860-8	51
1849	Doxorubicin-loaded micelles of reverse poly(butylene oxide)-poly(ethylene oxide)-poly(butylene oxide) block copolymers as efficient "active" chemotherapeutic agents. <b>2013</b> , 445, 47-57	28
1848	Paclitaxel loaded poly-d,l-lactide-co-glycolide nanoparticles: Enhanced anticancer effect in non-small cell lung carcinoma cell line. <b>2013</b> , 3, 1-9	1
1847	Efficiency and mechanism of intracellular paclitaxel delivery by novel nanopolymer-based tumor-targeted delivery system, Nanoxel(TM). <b>2013</b> , 15, 26-32	31
1846	Targeting and delivery of platinum-based anticancer drugs. <b>2013</b> , 42, 202-24	481
1845	Therapeutic platforms based on gold nanoparticles and their covalent conjugates with drug molecules. <b>2013</b> , 65, 663-76	226
1844	Bifunctional bisphosphonates for delivering PTH (1-34) to bone mineral with enhanced bioactivity. <b>2013</b> , 34, 3141-9	24
1843	Lecithin/chitosan controlled release nanopreparations of tamoxifen citrate: loading, enzyme-trigger release and cell uptake. <b>2013</b> , 167, 276-83	47
1842	Magnetic Injection of Nanoparticles Into Rat Inner Ears at a Human Head Working Distance. <b>2013</b> , 49, 440-452	27
1841	Biocompatibility of engineered nanoparticles for drug delivery. <b>2013</b> , 166, 182-94	467
1840	Intelligent nanomaterials for medicine: carrier platforms and targeting strategies in the context of clinical application. <b>2013</b> , 9, 742-57	149

1839	Chitosan/PLA nanoparticles as a novel carrier for the delivery of anthraquinone: synthesis, characterization and in vitro cytotoxicity evaluation. <b>2013</b> , 101, 126-34	62
1838	Biological rationale for the design of polymeric anti-cancer nanomedicines. <b>2013</b> , 21, 1-26	53
1837	Novel phthalocyanine and PEG-methacrylates based temperature-responsive polymers for targeted photodynamic therapy. <b>2013</b> , 4, 782-788	30
1836	Grand challenges in bioengineered nanorobotics for cancer therapy. <b>2013</b> , 60, 667-73	33
1835	Development of drug loaded nanoparticles for tumor targeting. Part 1: Synthesis, characterization, and biological evaluation in 2D cell cultures. <b>2013</b> , 5, 3895-903	28
1834	Multifunctional albumin nanoparticles as combination drug carriers for intra-tumoral chemotherapy. <b>2013</b> , 2, 1236-45	45
1833	Bioresorbable polymersomes for targeted delivery of cisplatin. <b>2013</b> , 24, 533-43	26
1832	In situ preparation of gold nanoparticle-loaded lysozyme-dextran nanogels and applications for cell imaging and drug delivery. <b>2013</b> , 5, 2892-900	75
1831	Immune system targeting by biodegradable nanoparticles for cancer vaccines. <b>2013</b> , 168, 179-99	183
1830	Second generation liposomal cancer therapeutics: transition from laboratory to clinic. <b>2013</b> , 448, 28-43	58
1829	A photo-triggerable drug carrier based on cleavage of PEG lipids by photosensitizer-generated reactive singlet oxygen. <b>2013</b> , 11, 2567-70	12
1828	Influence of nanoparticle materials on the photophysical behavior of phthalocyanines. <b>2013</b> , 257, 2401-2418	40
1827	Encapsulation of particle ensembles in graphene nanosacks as a new route to multifunctional materials. <b>2013</b> , 7, 3744-53	66
1826	High-resolution 3D imaging and quantification of gold nanoparticles in a whole cell using scanning transmission ion microscopy. <b>2013</b> , 104, 1419-25	23
1825	Nano-graphene oxide: a potential multifunctional platform for cancer therapy. <b>2013</b> , 2, 1072-90	128
1824	pH-responsive complexes using prefunctionalized polymers for synchronous delivery of doxorubicin and siRNA to cancer cells. <b>2013</b> , 34, 4849-59	111
1823	Cyclodextrin-derived pH-responsive nanoparticles for delivery of paclitaxel. <b>2013</b> , 34, 5344-58	121
1822	Delivery of plasmid DNA to mammalian cells using polymer-gold nanorod assemblies. <b>2013</b> , 991, 81-91	4

1821	Size-dependent study of pulmonary responses to nano-sized iron and copper oxide nanoparticles. <b>2013</b> , 1028, 247-64	6
1820	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. <b>2013</b> , 477-516	
1819	Augmented anticancer activity of a targeted, intracellularly activatable, theranostic nanomedicine based on fluorescent and radiolabeled, methotrexate-folic Acid-multiwalled carbon nanotube conjugate. <b>2013</b> , 10, 2543-57	83
1818	Therapeutic efficacy of 188Re-liposome in a C26 murine colon carcinoma solid tumor model. <b>2013</b> , 31, 801-11	10
1817	Understanding and targeting cancer stem cells: therapeutic implications and challenges. <b>2013</b> , 34, 732-40	420
1816	Polymeric systems incorporating plant viral nanoparticles for tailored release of therapeutics. <b>2013</b> , 2, 1001-7	20
1815	A cross-linked polymeric micellar delivery system for cisplatin(IV) complex. <b>2013</b> , 83, 63-75	25
1814	Folate receptor-mediated tumor-targeted upconversion nanocomplex for photodynamic therapy triggered by near-infrared light. <b>2013</b> ,	
1813	Targeting CCL21-folic acid-upconversion nanoparticles conjugates to folate receptor-expressing tumor cells in an endothelial-tumor cell bilayer model. <b>2013</b> , 34, 4860-71	41
1812	Cell uptake mechanisms of PAMAM G4-FITC dendrimer in human myometrial cells. <b>2013</b> , 15, 1	11
1811	Cancer stem cell theory: therapeutic implications for nanomedicine. <b>2013</b> , 8, 899-908	28
1810	Stearoyl gemcitabine nanoparticles overcome obesity-induced cancer cell resistance to gemcitabine in a mouse postmenopausal breast cancer model. <b>2013</b> , 14, 357-64	18
1809	Investigation of alternative organic solvents and methods for the preparation of long-circulating and pH-sensitive liposomes containing cisplatin. <b>2013</b> , 23, 220-7	3
1808	Targeting receptor-mediated endocytotic pathways with nanoparticles: rationale and advances. <b>2013</b> , 65, 121-38	308
1807	Dendronized heparin-doxorubicin conjugate based nanoparticle as pH-responsive drug delivery system for cancer therapy. <b>2013</b> , 34, 2252-64	206
1806	Inspired by nature: fundamentals in nanotechnology design to overcome biological barriers. <b>2013</b> , 4, 27-43	14
1805	Microbial synthesis of poly-3-hydroxybutyrate and its application as targeted drug delivery vehicle. <b>2013</b> , 145, 290-6	32
1804	Multifunctional silica nanoparticles for optical and magnetic resonance imaging. <b>2013</b> , 394, 125-35	16

1803	Engineering polymeric microparticles as theranostic carriers for selective delivery and cancer therapy. <b>2013</b> , 2, 1571-5	33
1802	Trends in polymeric delivery of nucleic acids to tumors. <b>2013</b> , 170, 209-18	28
1801	Plasmonic gold and luminescent silicon nanoplatforms for multimode imaging of cancer cells. <b>2013</b> , 5, 144-50	15
1800	Peptide-based hydrogel nanoparticles as effective drug delivery agents. <b>2013</b> , 21, 3517-22	94
1799	Nanocarriers for the targeted treatment of ovarian cancers. <b>2013</b> , 34, 1073-101	56
1798	The potential of self-assembled, pH-responsive nanoparticles of mPEGylated peptide dendron-doxorubicin conjugates for cancer therapy. <b>2013</b> , 34, 1613-23	214
1797	Fibronectin-binding nanoparticles for intracellular targeting addressed by B. burgdorferi BBK32 protein fragments. <b>2013</b> , 9, 65-73	7
1796	Intracellular degradation of multilabeled poly(ethylene imine)-mesoporous silica-silica nanoparticles: implications for drug release. <b>2013</b> , 10, 1795-803	19
1795	Tunable cytotoxicity of rhodamine 6G via anion variations. <b>2013</b> , 135, 15873-9	78
1794	A pharmacokinetics study of radiolabeled micelles of a poly(ethylene glycol)-block-poly(caprolactone) copolymer in a colon carcinoma-bearing mouse model. <b>2013</b> , 80, 88-94	10
1793	Experimental investigation of the penetration of ultrasound nanobubbles in a gastric cancer xenograft. <b>2013</b> , 24, 325102	28
1792	Biocompatible polylactide-block-polypeptide-block-polylactide nanocarrier. <b>2013</b> , 14, 1572-7	17
1791	Targeted delivery of dendritic polyglycerol-doxorubicin conjugates by scFv-SNAP fusion protein suppresses EGFR+ cancer cell growth. <b>2013</b> , 14, 2510-20	57
1790	Nanoparticles-mediated drug delivery approaches for cancer targeting: a review. <b>2013</b> , 21, 107-25	98
1789	Ultrasound Mediated Enhancement of Nanoparticle Uptake in PC-3 Cancer Cells. <b>2013</b> ,	
1788	Design and evaluation of a novel nanoparticulate-based formulation encapsulating a HIP complex of lysozyme. <b>2013</b> , 18, 752-9	26
1787	Near-infrared imaging loaded polymeric nanoparticles:in vitroandin vivostudies. <b>2013</b> ,	2
1786	Covalent IR820-PEG diamine conjugates: characterization and in vivo biodistribution. <b>2013</b> ,	2

1785	A pH-sensitive, biobased calcium carbonate aragonite nanocrystal as a novel anticancer delivery system. <b>2013</b> , 2013, 587451	33
1784	Nanocarriers for diagnosis and targeting of breast cancer. <b>2013</b> , 2013, 960821	53
1783	Nanoparticles as Drug Delivery Systems in Cancer Medicine: Emphasis on RNAi-Containing Nanoliposomes. <b>2013</b> , 6, 1361-80	89
1782	Peptide-mediated liposomal Doxorubicin enhances drug delivery efficiency and therapeutic efficacy in animal models. <b>2013</b> , 8, e83239	31
1781	Lipid-based nanoparticles in cancer diagnosis and therapy. <b>2013</b> , 2013, 165981	48
1780	Serial diffusion MRI to monitor and model treatment response of the targeted nanotherapy CRLX101. <i>Clinical Cancer Research</i> , <b>2013</b> , 19, 2518-27	12.9 12
1779	Design and Electromagnetic FEM Analysis of a High Gradient Magnet for the Magnetic Targeted Drug Delivery System. <b>2013</b> , 753-755, 995-1001	
1778	In vivo diffuse correlation spectroscopy investigation of the ocular fundus. <b>2013</b> , 18, 57001	2
1777	Nanoparticles for Superior Pharmacokinetics and Enhanced Efficacy. <b>2013</b> , 03,	
1776	Cytotoxic effects of fucoidan nanoparticles against osteosarcoma. <b>2013</b> , 11, 4267-78	49
1775	Design and Application of Magnetic-based Theranostic Nanoparticle Systems. <b>2013</b> , 6, 47-57	60
1774	Mechanistic patient-specific predictive correlation of tumor drug response with microenvironment and perfusion measurements. <b>2013</b> , 110, 14266-71	54
1773	Laser Surface Modification of Poly (ε-caprolactone) Scaffold for Artificial Skin Applications. <b>2013</b> , 1-13	1
1772	Enhanced doxorubicin transport to multidrug resistant breast cancer cells via TiO <sub>2</sub> nanocarriers. <b>2013</b> , 3, 20855	41
1771	Nanoscale liposomal formulation of a SYK P-site inhibitor against B-precursor leukemia. <b>2013</b> , 121, 4348-54	27
1770	Nanoparticles in Drug Delivery Systems. <b>2013</b> , 1-22	2
1769	Drug resistance to chlorambucil in murine B-cell leukemic cells is overcome by its conjugation to a targeting peptide. <b>2013</b> , 24, 112-9	20
1768	Triterpenoids of marine origin as anti-cancer agents. <b>2013</b> , 18, 7886-909	43

1767	Preparation and characterization of an anti-inflammatory agent based on a zinc-layered hydroxide-salicylate nanohybrid and its effect on viability of Vero-3 cells. <b>2013</b> , 8, 297-306	21
1766	The role of chemotherapy and latest emerging target therapies in anaplastic thyroid cancer. <b>2013</b> , 9, 1231-41	38
1765	Recent advances in superparamagnetic iron oxide nanoparticles for cellular imaging and targeted therapy research. <b>2013</b> , 19, 6575-93	92
1764	Impact of diffusion barriers to small cytotoxic molecules on the efficacy of immunotherapy in breast cancer. <b>2013</b> , 8, e61398	28
1763	Hydrophosphonylation of nanoparticle Schiff bases as a mean for preparation of aminophosphonate-functionalized nanoparticles. <b>2013</b> , 18, 8473-84	5
1762	Utilization of biodegradable polymeric materials as delivery agents in dermatology. <b>2014</b> , 7, 23-34	37
1761	Green synthesis of gold nanoparticles using plant extracts as reducing agents. <b>2014</b> , 9, 4007-21	166
1760	Intracellular gold nanoparticles increase neuronal excitability and aggravate seizure activity in the mouse brain. <b>2014</b> , 9, e91360	42
1759	Evaluation of nanolipoprotein particles (NLPs) as an in vivo delivery platform. <b>2014</b> , 9, e93342	37
1758	Cellular uptake and antitumor activity of DOX-hyd-PEG-FA nanoparticles. <b>2014</b> , 9, e97358	27
1757	Codelivery of chemotherapeutics via crosslinked multilamellar liposomal vesicles to overcome multidrug resistance in tumor. <b>2014</b> , 9, e110611	23
1756	Enhanced cellular uptake of albumin-based lyophilisomes when functionalized with cell-penetrating peptide TAT in HeLa cells. <b>2014</b> , 9, e110813	13
1755	Covalent IR820-PEG-diamine nanoconjugates for theranostic applications in cancer. <b>2014</b> , 9, 4631-48	26
1754	Pharmacoresistant epilepsy and nanotechnology. <b>2014</b> , 6, 329-40	14
1753	Grand Challenges for Colloidal Materials and Interfaces: Dancing on Nano-Stage. <b>2014</b> , 1,	2
1752	Important Anti-Cancer Applications of Protein Based Nanoparticles. <b>2014</b> , 10, 334-340	1
1751	Tissue-specific direct microtransfer of nanomaterials into Drosophila embryos as a versatile in vivo test bed for nanomaterial toxicity assessment. <b>2014</b> , 9, 2031-41	14
1750	Applications of Nanomaterials for Cancer Treatment: Recent Patents Review. <b>2014</b> , 3, 75-82	4

1749	Drug-targeting methodologies with applications: A review. <b>2014</b> , 2, 742-56	49
1748	Nanoparticles containing allotropes of carbon have genotoxic effects on glioblastoma multiforme cells. <b>2014</b> , 9, 2409-17	36
1747	Pharmacoresistant epilepsy and nanotechnology. <b>2014</b> , 6, 329-340	0
1746	Novel strategies for effective transdermal drug delivery: a review. <b>2014</b> , 31, 219-72	25
1745	. <b>2014</b> ,	5
1744	Tumor-targeting glycol chitosan nanoparticles as a platform delivery carrier in cancer diagnosis and therapy. <b>2014</b> , 9, 1697-713	41
1743	Preparation of multifunctional upconversion nanoconstruct for in vitro and in vivo imaging and photodynamic therapy induced by near-infrared light. <b>2014</b> ,	
1742	Dendritic Polymers as Targeting Nanoscale Drug Delivery Systems for Cancer Therapy. <b>2014</b> , 29-60	
1741	Understanding nano-bio interactions to improve nanocarriers for drug delivery. <b>2014</b> , 39, 227-237	40
1740	Current strategies for DNA therapy based on lipid nanocarriers. <b>2014</b> , 11, 1721-31	40
1739	Nanomedicine strategies for hematological malignancies: what is next?. <b>2014</b> , 9, 2415-28	9
1738	The impact of size on particulate vaccine adjuvants. <b>2014</b> , 9, 2671-81	68
1737	Enhancing the efficacy of innate immune agonists: could nanolipoprotein particles hold the key?. <b>2014</b> , 9, 369-72	3
1736	Experimental Therapies in Breast Cancer. <b>2014</b> , 81-90	
1735	Ultrasound-mediated local drug and gene delivery using nanocarriers. <b>2014</b> , 2014, 963891	52
1734	Multifunctional polydiacetylene-liposome with controlled release and fluorescence tracing. <b>2014</b> , 4, 18604-18607	12
1733	Combined therapeutic efficacy of Re-liposomes and sorafenib in an experimental colorectal cancer liver metastasis model by intrasplenic injection of C26- murine colon cancer cells. <b>2014</b> , 2, 380-384	10
1732	Nanotechnology in Cancer Drug Delivery and Selective Targeting. <b>2014</b> , 2014, 1-12	163

1731	High Production Rate Synthesis of CdS Nanoparticles Using a Reverse Oscillatory Flow Method. <b>2014</b> , 2,	2
1730	Small magnetite antiretroviral therapeutic nanoparticle probes for MRI of drug biodistribution. <b>2014</b> , 9, 1341-52	10
1729	New views and insights into intracellular trafficking of drug-delivery systems by fluorescence fluctuation spectroscopy. <b>2014</b> , 5, 173-88	1
1728	Nano-Theranostics With Plasmonic Nanobubbles. <b>2014</b> , 20, 163-174	1
1727	Effect of hydrophobicity of core on the anticancer efficiency of micelles as drug delivery carriers. <b>2014</b> , 6, 22709-18	36
1726	Nano-Oncologicals. <b>2014</b> ,	4
1725	Carbon Nanotubes as Drug Delivery Vehicles. <b>2014</b> , 222, 145-158	3
1724	Trends of Gold Nanoparticle-based Drug Delivery System in Cancer Therapy. <b>2014</b> , 6, 172-178	101
1723	Nanomedicine. <b>2014</b> ,	14
1722	Complex of cisplatin with biocompatible poly(ethylene glycol) with pendant carboxyl groups for the effective treatment of liver cancer. <b>2014</b> , 131, n/a-n/a	7
1721	Harmful or Helpful, the Toxicity and Safety of Nano-sized Medicine. <b>2014</b> , 237-250	
1720	Nanoparticles: cellular uptake and cytotoxicity. <b>2014</b> , 811, 73-91	86
1719	Genetically engineering encapsulin protein cage nanoparticle as a SCC-7 cell targeting optical nanoprobe. <b>2014</b> , 18, 21	22
1718	Anticancer drug-loaded multifunctional nanoparticles to enhance the chemotherapeutic efficacy in lung cancer metastasis. <b>2014</b> , 12, 37	42
1717	Enhanced nospapine delivery using estrogen-receptor-targeted nanoparticles for breast cancer therapy. <b>2014</b> , 25, 704-16	20
1716	Laser induced heating of PMMA microspheres for remote drug release: a FEM simulation model. <b>2014</b> ,	
1715	Nanotechnology-applied curcumin for different diseases therapy. <b>2014</b> , 2014, 394264	153
1714	Polymeric Nanocarriers for Cancer Therapy. <b>2014</b> , 67-94	



1713	Passive targeting of nanoparticles to cancer: A comprehensive review of the literature. <b>2014</b> , 2, 904-908	205
1712	Polymer-antibody fragment conjugates for biomedical applications. <b>2014</b> , 39, 308-329	33
1711	Luminescent mesoporous nanoreservoirs for the effective loading and intracellular delivery of therapeutic drugs. <b>2014</b> , 10, 1431-42	34
1710	Drug delivery: beyond active tumour targeting. <b>2014</b> , 10, 1131-7	54
1709	Dynamic disordering of liposomal cocktails and the spatio-temporal favorable release of cargoes to circumvent drug resistance. <b>2014</b> , 35, 3406-15	37
1708	Tumor extracellular acidity-activated nanoparticles as drug delivery systems for enhanced cancer therapy. <b>2014</b> , 32, 789-803	147
1707	Finite element modelling of the mechanics of discrete carbon nanotubes filled with ZnS and comparison with experimental observations. <b>2014</b> , 49, 648-653	2
1706	Nucleolin-targeting liposomes guided by aptamer AS1411 for the delivery of siRNA for the treatment of malignant melanomas. <b>2014</b> , 35, 3840-50	182
1705	Preclinical development of siRNA therapeutics: towards the match between fundamental science and engineered systems. <b>2014</b> , 10, 689-702	42
1704	Understanding enzymatic acceleration at nanoparticle interfaces: Approaches and challenges. <b>2014</b> , 9, 102-131	147
1703	The potential of pH-responsive PEG-hyperbranched polyacylhydrazone micelles for cancer therapy. <b>2014</b> , 35, 3132-44	46
1702	Nanopreparations for organelle-specific delivery in cancer. <b>2014</b> , 66, 26-41	192
1701	Curcumin loaded poly(2-hydroxyethyl methacrylate) nanoparticles from gelled ionic liquid--in vitro cytotoxicity and anti-cancer activity in SKOV-3 cells. <b>2014</b> , 51, 34-44	81
1700	Dendrimer, liposomes, carbon nanotubes and PLGA nanoparticles: one platform assessment of drug delivery potential. <b>2014</b> , 15, 388-99	98
1699	Gold nanorod-embedded electrospun fibrous membrane as a photothermal therapy platform. <b>2014</b> , 6, 1569-75	35
1698	Nanodrug delivery systems: a promising technology for detection, diagnosis, and treatment of cancer. <b>2014</b> , 15, 709-21	69
1697	Dynamic in vivo imaging of dual-triggered microspheres for sustained release applications: synthesis, characterization and cytotoxicity study. <b>2014</b> , 461, 54-63	21
1696	Preparation methods of alginate nanoparticles. <b>2014</b> , 209, 163-71	271

1695	A pH-responsive polymer/mesoporous silica nano-container linked through an acid cleavable linker for intracellular controlled release and tumor therapy in vivo. <b>2014</b> , 2, 428-436	73
1694	Poly(lactide)-block-Polypeptide-block-Poly(lactide) Copolymer Nanoparticles with Tunable Cleavage and Controlled Drug Release. <b>2014</b> , 24, 4026-4033	28
1693	Loading of an anti-cancer drug onto graphene oxide and subsequent release to DNA/RNA: a direct optical detection. <b>2014</b> , 6, 2937-44	22
1692	Drug targeting using solid lipid nanoparticles. <b>2014</b> , 181, 56-61	116
1691	An evidence on G2/M arrest, DNA damage and caspase mediated apoptotic effect of biosynthesized gold nanoparticles on human cervical carcinoma cells (HeLa). <b>2014</b> , 52, 15-24	50
1690	Influence of particle geometry and PEGylation on phagocytosis of particulate carriers. <b>2014</b> , 465, 159-64	57
1689	Magnetic pH-responsive nanocarrier with long spacer length and high colloidal stability for controlled delivery of doxorubicin. <b>2014</b> , 116, 49-54	39
1688	Bio-Inspired Nanotechnology. <b>2014</b> ,	10
1687	Manageable cytotoxicity of nanocapsules immobilizing d-amino acid oxidase via exogenous administration of nontoxic prodrug. <b>2014</b> , 293, 109-115	7
1686	Specific targeting of tumor cells by lyophilosomes functionalized with antibodies. <b>2014</b> , 87, 80-9	10
1685	Multifunctional theranostic red blood cells for magnetic-field-enhanced in vivo combination therapy of cancer. <b>2014</b> , 26, 4794-802	183
1684	Ultrasound-guided photoacoustic imaging: current state and future development. <b>2014</b> , 61, 450-66	60
1683	Secretion of intestinal goblet cells: a novel excretion pathway of nanoparticles. <b>2014</b> , 10, 839-49	18
1682	Combination of conventional chemotherapeutics with redox-active cerium oxide nanoparticles--a novel aspect in cancer therapy. <b>2014</b> , 13, 1740-9	101
1681	Rigid nanoparticle-based delivery of anti-cancer siRNA: challenges and opportunities. <b>2014</b> , 32, 831-43	59
1680	Engineering anti-GD2 monoclonal antibodies for cancer immunotherapy. <b>2014</b> , 588, 288-97	95
1679	Novel self-assembly endows human serum albumin nanoparticles with an enhanced antitumor efficacy. <b>2014</b> , 15, 213-22	46
1678	Insights into direct nose to brain delivery: current status and future perspective. <b>2014</b> , 21, 75-86	183

1677	Requisites for successful theranostics with radionuclide-based reporter gene imaging. <b>2014</b> , 22, 295-303	24
1676	Enzyme delivery using the 30Kc19 protein and human serum albumin nanoparticles. <b>2014</b> , 35, 1696-704	37
1675	Near-Infrared Emitting Gold Cluster Poly(acrylic acid) Hybrid Nanogels. <b>2014</b> , 3, 74-76	30
1674	Novel mass spectrometry technology development for large organic particle analysis. <b>2014</b> , 4, 4523-4534	2
1673	Plasmonic Nanobubbles for Cancer Theranostics. <b>2014</b> , 879-926	
1672	Core/shell nanoparticles in biomedical applications. <b>2014</b> , 209, 8-39	327
1671	Polymer micro- and nanocapsules as biological carriers with multifunctional properties. <b>2014</b> , 14, 458-77	105
1670	Development of novel tumor-targeted theranostic nanoparticles activated by membrane-type matrix metalloproteinases for combined cancer magnetic resonance imaging and therapy. <b>2014</b> , 10, 566-75, 417	112
1669	Biocompatibility and biodistribution of suberoylanilide hydroxamic acid loaded poly (DL-lactide-co-glycolide) nanoparticles for targeted drug delivery in cancer. <b>2014</b> , 68, 865-71	26
1668	Self-assembled, redox-sensitive, H-shaped pegylated methotrexate conjugates with high drug-carrying capability for intracellular drug delivery. <b>2014</b> , 5, 147-152	17
1667	CD19-antigen specific nanoscale liposomal formulation of a SYK P-site inhibitor causes apoptotic destruction of human B-precursor leukemia cells. <b>2014</b> , 6, 766-80	10
1666	The metal delivery mechanism of transferrin and the role of bent metallocene metals towards anticancer activity: a theoretical exploration. <b>2014</b> , 4, 9556	6
1665	Long circulating self-assembled nanoparticles from cholesterol-containing brush-like block copolymers for improved drug delivery to tumors. <b>2014</b> , 15, 4363-75	57
1664	Identification of intracellular gold nanoparticles using surface-enhanced Raman scattering. <b>2014</b> , 6, 12403-7	19
1663	Nanolipolee-007, a novel nanoparticle-based drug containing leelamine for the treatment of melanoma. <b>2014</b> , 13, 2328-40	21
1662	Combination of apolipoprotein A1-modified liposome-doxorubicin with autophagy inhibitors overcame drug resistance in vitro. <b>2014</b> , 103, 3994-4004	10
1661	Nanotoxicity: Aspects and Concerns in Biological Systems. <b>2014</b> , 55-83	2
1660	Fragmented polymer nanotubes from sonication-induced scission with a thermo-responsive gating system for anti-cancer drug delivery. <b>2014</b> , 2, 1327-1334	18

1659	Lumazine synthase protein cage nanoparticles as modular delivery platforms for targeted drug delivery. <b>2014</b> , 4, 48596-48600	34
1658	Silver nanoparticle loaded PLGA composite nanoparticles for improving therapeutic efficacy of recombinant IFN $\gamma$ by targeting the cell surface. <b>2014</b> , 2, 1080-1089	16
1657	Nanoconjugation: A Materials Approach to Enhance Epidermal Growth Factor Induced Apoptosis. <b>2014</b> , 2, 156-166	15
1656	Y-shaped block copolymer (methoxy-poly(ethylene glycol)) <sub>2</sub> -b-poly(L-glutamic acid): preparation, self-assembly, and use as drug carriers. <b>2014</b> , 4, 41588-41596	7
1655	Engineered nanoparticles: thrombotic events in cancer. <b>2014</b> , 6, 14141-52	8
1654	Mechanisms of cooperation in cancer nanomedicine: towards systems nanotechnology. <b>2014</b> , 32, 448-55	59
1653	Amphiphilic chitosan-grafted-functionalized polylactic acid based nanoparticles as a delivery system for doxorubicin and temozolomide co-therapy. <b>2014</b> , 474, 134-45	53
1652	Controlled release of folic acid through liquid-crystalline folate nanoparticles. <b>2014</b> , 44, 352-61	4
1651	Porous silicon nanoparticles for nanomedicine: preparation and biomedical applications. <b>2014</b> , 9, 535-54	135
1650	Amphiphilic peptide dendritic copolymer-doxorubicin nanoscale conjugate self-assembled to enzyme-responsive anti-cancer agent. <b>2014</b> , 35, 9529-45	176
1649	Tumor-homing, size-tunable clustered nanoparticles for anticancer therapeutics. <b>2014</b> , 8, 9358-67	80
1648	Action at a distance: functional drug delivery using electromagnetic-field-responsive polypyrrole nanowires. <b>2014</b> , 30, 7778-88	15
1647	Magnetic nanoparticle-based therapeutic agents for thermo-chemotherapy treatment of cancer. <b>2014</b> , 6, 11553-73	386
1646	One stone kills three birds: novel boron-containing vesicles for potential BNCT, controlled drug release, and diagnostic imaging. <b>2014</b> , 11, 3291-9	35
1645	Gold nanoparticles and gold nanoparticle-conjugates for delivery of therapeutic molecules. Progress and challenges. <b>2014</b> , 2, 4204-4220	79
1644	Complex self-assembly of reverse poly(butylene oxide)-poly(ethylene oxide)-poly(butylene oxide) triblock copolymers with long hydrophobic and extremely lengthy hydrophilic blocks. <b>2014</b> , 118, 5258-69	11
1643	Diagnostic nanoparticle targeting of the EGF-receptor in complex biological conditions using single-domain antibodies. <b>2014</b> , 6, 6046-56	60
1642	Harnessing photochemical internalization with dual degradable nanoparticles for combinatorial photo-chemotherapy. <b>2014</b> , 5, 3623	113

1641	Recombinant lipoproteins reinforce cytotoxicity of doxorubicin to hepatocellular carcinoma. <b>2014</b> , 22, 76-85	11
1640	Target-specific delivery of siRNA by stabilized calcium phosphate nanoparticles using dopa-hyaluronic acid conjugate. <b>2014</b> , 192, 122-30	104
1639	Cellulose-based drug carriers for cancer therapy: Cytotoxic evaluation in cancer and healthy cells. <b>2014</b> , 132, 432-435	20
1638	Buckling of ZnS-filled single-walled carbon nanotubes The influence of aspect ratio. <b>2014</b> , 79, 529-537	9
1637	DNA nanostructure-based imaging probes and drug carriers. <b>2014</b> , 9, 2013-20	22
1636	Responsive delivery of drug cocktail via mesoporous silica nanolamps. <b>2014</b> , 434, 1-8	16
1635	"Switch off/switch on" regulation of drug cytotoxicity by conjugation to a cell targeting peptide. <b>2014</b> , 85, 139-46	20
1634	Synthesis, characterization, and cellular uptake of magnetic nanocarriers for cancer drug delivery. <b>2014</b> , 433, 76-85	26
1633	Chitosan-starch nanocomposite particles as a drug carrier for the delivery of bis-desmethoxy curcumin analog. <b>2014</b> , 114, 170-178	64
1632	Host-guest interactions in Fe(III)-trimesate MOF nanoparticles loaded with doxorubicin. <b>2014</b> , 118, 8532-9	94
1631	Advances in stem cells, induced pluripotent stem cells, and engineered cells: delivery vehicles for anti-glioma therapy. <b>2014</b> , 11, 1733-46	23
1630	Magnetic actuation of a cylindrical microrobot using time-delay-estimation closed-loop control: modeling and experiments. <b>2014</b> , 23, 035013	19
1629	Carboxyl group (-CO <sub>2</sub> H) functionalized coordination polymer nanoparticles as efficient platforms for drug delivery. <b>2014</b> , 20, 15443-50	43
1628	Idarubicin-loaded folic acid conjugated magnetic nanoparticles as a targetable drug delivery system for breast cancer. <b>2014</b> , 68, 729-36	52
1627	Core-shell nanoparticle-based peptide therapeutics and combined hyperthermia for enhanced cancer cell apoptosis. <b>2014</b> , 8, 9379-87	100
1626	Redox-active nanoceria depolarize mitochondrial membrane of human colon cancer cells. <b>2014</b> , 16, 1	22
1625	Novel Pt-loaded layered double hydroxide nanoparticles for efficient and cancer-cell specific delivery of a cisplatin prodrug. <b>2014</b> , 2, 4868-4875	31
1624	Enzyme-responsive cell-penetrating peptide conjugated mesoporous silica quantum dot nanocarriers for controlled release of nucleus-targeted drug molecules and real-time intracellular fluorescence imaging of tumor cells. <b>2014</b> , 3, 1230-9	103

1623	Self-assembled nanoparticles from thiol functionalized liquid crystalline brush block copolymers for dual encapsulation of doxorubicin and gold nanoparticles. <b>2014</b> , 5, 2774-2783	29
1622	Simulating the co-encapsulation of drugs in a "smart" core-shell-shell polymer nanoparticle. <b>2014</b> , 37, 14	2
1621	Magneto-plasmonic Au-Fe alloy nanoparticles designed for multimodal SERS-MRI-CT imaging. <b>2014</b> , 10, 2476-86	130
1620	Peptide dendrimer-Doxorubicin conjugate-based nanoparticles as an enzyme-responsive drug delivery system for cancer therapy. <b>2014</b> , 3, 1299-308	114
1619	Nanodelivery systems for nucleic acid therapeutics in drug resistant tumors. <b>2014</b> , 11, 2511-26	36
1618	Dendrimer-Doxorubicin conjugate as enzyme-sensitive and polymeric nanoscale drug delivery vehicle for ovarian cancer therapy. <b>2014</b> , 5, 5227-5235	109
1617	Theranostic tumor homing nanocarriers for the treatment of lung cancer. <b>2014</b> , 10, 1053-63	16
1616	Heteromultivalent ligand-decoration for actively targeted nanomedicine. <b>2014</b> , 35, 2568-79	30
1615	Characterization of nanoparticle delivery in microcirculation using a microfluidic device. <b>2014</b> , 94, 17-27	30
1614	Mechanics of filled carbon nanotubes. <b>2014</b> , 44, 11-25	10
1613	Codelivery of doxorubicin and paclitaxel by cross-linked multilamellar liposome enables synergistic antitumor activity. <b>2014</b> , 11, 1651-61	120
1612	Controlled-release systems for metal-based nanomedicine: encapsulated/self-assembled nanoparticles of anticancer gold(III)/platinum(II) complexes and antimicrobial silver nanoparticles. <b>2014</b> , 26, 5550-7	51
1611	Molecular mechanisms and physiology of disease. <b>2014</b> ,	
1610	Optimized metal-organic-framework nanospheres for drug delivery: evaluation of small-molecule encapsulation. <b>2014</b> , 8, 2812-9	590
1609	MR imaging enables measurement of therapeutic nanoparticle uptake in rat N1-S1 liver tumors after nanoablation. <b>2014</b> , 25, 1288-94	3
1608	Recent developments in the co-delivery of siRNA and small molecule anticancer drugs for cancer treatment. <b>2014</b> , 17, 298-306	107
1607	Improving drug accumulation and photothermal efficacy in tumor depending on size of ICG loaded lipid-polymer nanoparticles. <b>2014</b> , 35, 6037-46	156
1606	Preparation, characterization, in vivo biodistribution and pharmacokinetic studies of donepezil-loaded PLGA nanoparticles for brain targeting. <b>2014</b> , 40, 278-87	60

1605	Implementation of Nanoparticles in Cancer Therapy. <b>2014</b> , 447-491	5
1604	Nanotechnology-based drug delivery systems for treatment of oral cancer: a review. <b>2014</b> , 9, 3719-35	92
1603	Nanomedicines for cancer therapy: state-of-the-art and limitations to pre-clinical studies that hinder future developments. <b>2014</b> , 2, 69	96
1602	Extracellular pH-Activated Nanocarriers for Enhanced Drug Delivery to Tumors. <b>2014</b> , 277-304	1
1601	Composite Colloidal Nanosystems for Targeted Delivery and Sensing1. <b>2014</b> , 61-84	
1600	Surface modification of carbon nanomaterials by aminopropyltriethoxysilane. <b>2014</b> , 2, 245-252	7
1599	Drug Delivery and Release From Polymeric Nanomaterials. <b>2014</b> , 28-80	
1598	Inorganic Nanopreparations for Nanomedicine. <b>2014</b> , 367-401	
1597	Polarity reversal of nanoparticle surfaces by the use of light-sensitive polymeric emulsifiers. <b>2015</b> , 53, 200-205	7
1596	Influence of Elastic and Surface Strains on the Optical Properties of Semiconducting Core-Shell Nanoparticles. <b>2015</b> , 4,	4
1595	Molecular Targeted Therapy of Lung Cancer: Challenges and Promises. <b>2015</b> , 263-284	1
1594	Cardiovascular Nanomedicine. <b>2015</b> , 159-182	
1593	Breast Cancer: Conventional Diagnosis and Treatment Modalities and Recent Patents and Technologies. <b>2015</b> , 9, 17-34	118
1592	The oil-resin of the tropical rainforest tree <i>Copaifera langsdorffii</i> reduces cell viability, changes cell morphology and induces cell death in human endometriotic stromal cultures. <b>2015</b> , 67, 1744-55	9
1591	Magnetite Nanostructured Porous Hollow Helical Microswimmers for Targeted Delivery. <b>2015</b> , 25, 5333-5342	167
1590	Nanoparticle-Based Manipulation of Antigen-Presenting Cells for Cancer Immunotherapy. <b>2015</b> , 11, 5483-96	83
1589	Development of a protein nanoparticle platform for targeting EGFR expressing cancer cells. <b>2015</b> , 90, 1230-1236	10
1588	Active Targeting of Sorafenib: Preparation, Characterization, and In Vitro Testing of Drug-Loaded Magnetic Solid Lipid Nanoparticles. <b>2015</b> , 4, 1681-90	63

1587	SAXS Analysis of Shell Formation During Nanocapsule Synthesis via Inverse Miniemulsion Periphery RAFT Polymerization. <b>2015</b> , 36, 1267-71	9
1586	Evolving role of radiolabeled particles in detecting infection and inflammation, preliminary data with <sup>99m</sup> Tc-phytate in rats. <b>2015</b> , 36, 1113-9	2
1585	3.5 Current Trends and Developments for Nanotechnology in Cancer. <b>2015</b> , 290-342	
1584	Synthesis and characterization of multifunctional hybrid-polymeric nanoparticles for drug delivery and multimodal imaging of cancer. <b>2015</b> , 10, 5771-86	7
1583	GOLD NANOPARTICLES IN BIOMEDICAL APPLICATIONS. <b>2015</b> , 6, 693-702	0
1582	Sodium-22-radiolabeled silica nanoparticles as new radiotracer for biomedical applications: in vivo positron emission tomography imaging, biodistribution, and biocompatibility. <b>2015</b> , 10, 6293-302	12
1581	Anti-Tumor Activity of Docetaxel PLGA-PEG Nanoparticles with a Novel Anti-HER2 scFv. <b>2015</b> , 06,	3
1580	Aptamers and Their Significant Role in Cancer Therapy and Diagnosis. <b>2015</b> , 3, 248-269	23
1579	Exploiting Size-Dependent Drag and Magnetic Forces for Size-Specific Separation of Magnetic Nanoparticles. <b>2015</b> , 16, 20001-19	7
1578	Epirubicin-Complexed Polypeptide Micelle Effectively and Safely Treats Hepatocellular Carcinoma. <b>2015</b> , 7, 2410-2430	15
1577	Preparation, characterization, and in vivo study of rhien-loaded poly(lactic-co-glycolic acid) nanoparticles for oral delivery. <b>2015</b> , 9, 2301-9	15
1576	Evolution of availability of curcumin inside poly-lactic-co-glycolic acid nanoparticles: impact on antioxidant and antinitrosant properties. <b>2015</b> , 10, 5355-66	14
1575	Bridging 'Green' with Nanoparticles: Biosynthesis Approaches for Cancer Management and Targeting of Cancer Stem Cells. <b>2015</b> , 12, 47-62	8
1574	Enhancing anti-tumor efficacy of Doxorubicin by non-covalent conjugation to gold nanoparticles - in vitro studies on feline fibrosarcoma cell lines. <b>2015</b> , 10, e0124955	27
1573	The Internal Dynamics of Fibrinogen and Its Implications for Coagulation and Adsorption. <b>2015</b> , 11, e1004346	39
1572	ROCK Inhibition Facilitates In Vitro Expansion of Glioblastoma Stem-Like Cells. <b>2015</b> , 10, e0132823	23
1571	Alginate Nanospheres Prepared by Internal or External Gelation with Nanoparticles. <b>2015</b> , 39-55	7
1570	Preparation, Modification, and Application of Hollow Gold Nanospheres. <b>2015</b> , 2015, 1-7	13



1569	Zinc Oxide Nanoparticles and Photodynamic Therapy for the Treatment of B-chronic Lymphocytic Leukemia. <b>2015,</b>	2
1568	. <b>2015,</b>	5
1567	A Review on Materials Derived from Polystyrene and Different Types of Nanoparticles. <b>2015,</b> 54, 1819-1849	8
1566	Multifunctional perfluorocarbon nanoemulsions for cancer therapy and imaging. <b>2015,</b>	
1565	A pH-responsive drug delivery system with an aggregation-induced emission feature for cell imaging and intracellular drug delivery. <b>2015,</b> 6, 4715-4718	67
1564	Merging worlds of nanomaterials and biological environment: factors governing protein corona formation on nanoparticles and its biological consequences. <b>2015,</b> 10, 221	90
1563	Comparison of nanoparticle penetration into solid tumors and sites of inflammation: studies using targeted and nontargeted liposomes. <b>2015,</b> 10, 1439-49	18
1562	Surface modification of MPEG-b-PCL-based nanoparticles via oxidative self-polymerization of dopamine for malignant melanoma therapy. <b>2015,</b> 10, 2985-96	29
1561	Evaluation of a conducting interpenetrating network based on gum ghatti-g-poly(acrylic acid-aniline) as a colon-specific delivery system for amoxicillin trihydrate and paracetamol. <b>2015,</b> 39, 3021-3034	32
1560	Fate of cerium dioxide nanoparticles in endothelial cells: exocytosis. <b>2015,</b> 17, 206	29
1559	Nanoparticle delivery of an SN38 conjugate is more effective than irinotecan in a mouse model of neuroblastoma. <b>2015,</b> 360, 205-12	25
1558	Doxorubicin loaded polymeric gold nanoparticles targeted to human folate receptor upon laser photothermal therapy potentiates chemotherapy in breast cancer cell lines. <b>2015,</b> 149, 116-28	68
1557	Bio-Functionalized Metallic Nanoparticles with Applications in Medicine. <b>2015,</b> 1-13	
1556	Triple Negative Breast Cancer: Nanosolutions for a Big Challenge. <b>2015,</b> 2, 1500053	27
1555	TiO <sub>2</sub> -DNA nanocomposites as efficient site-specific antiviral agents against influenza A virus in cell culture. <b>2015,</b>	3
1554	A Review of Hydrophilization of Oxidized Nanocarbons. <b>2015,</b> 25-41	1
1553	CCR 20th Anniversary Commentary: Prospects and Challenges of Therapeutic Nanoparticles in Cancer. <i>Clinical Cancer Research</i> , <b>2015,</b> 21, 4499-501	12.9 3
1552	Cyclic-RGDfK-Directed Docetaxel Loaded Nanomicelles for Angiogenic Tumor Targeting. <b>2015,</b> 157-168	1

1551	Scintigraphic imaging and increment in mice survival using theranostic liposomes based on Gadolinium-159. <b>2015</b> , 30, 7-14	6
1550	Biosynthesis of Gold Nanoparticles from <i>Nauclea latifolia</i> Leaves. <b>2015</b> , 1132, 36-50	5
1549	Doxorubicin-loaded mesoporous magnetic nanoparticles to induce apoptosis in breast cancer cells. <b>2015</b> , 69, 355-60	25
1548	Design of oligoaziridine-PEG coatings for efficient nanogold cellular biotagging. <b>2015</b> , 5, 10733-10738	4
1547	Nanotechnological carriers for cancer chemotherapy: the state of the art. <b>2015</b> , 126, 631-48	179
1546	Nucleic acid aptamers in cancer research, diagnosis and therapy. <b>2015</b> , 44, 1240-56	165
1545	Deoxycholic acid-grafted PEGylated chitosan micelles for the delivery of mitomycin C. <b>2015</b> , 41, 916-26	8
1544	Therapeutic potential of targeted multifunctional nanocomplex co-delivery of siRNA and low-dose doxorubicin in breast cancer. <b>2015</b> , 359, 178-86	50
1543	Fluorescent, bioactive protein nanoparticles (prodots) for rapid, improved cellular uptake. <b>2015</b> , 26, 396-404	15
1542	Surface-enhanced Raman spectroscopy of the anti-cancer drug irinotecan in presence of human serum albumin. <b>2015</b> , 127, 41-6	37
1541	Tumor-activated prodrug (TAP)-conjugated nanoparticles with cleavable domains for safe doxorubicin delivery. <b>2015</b> , 112, 601-11	19
1540	Microwave-assisted synthesis of wavelength-tunable photoluminescent carbon nanodots and their potential applications. <b>2015</b> , 7, 4913-20	119
1539	Radiation synthesis and characterization of sodium alginate/chitosan/hydroxyapatite nanocomposite hydrogels: a drug delivery system for liver cancer. <b>2015</b> , 72, 725-742	57
1538	Hyperhydrophilic three-dimensional crosslinked beads as an effective drug carrier in acidic medium: adsorption isotherm and kinetics appraisal. <b>2015</b> , 39, 3835-3844	5
1537	Detection and imaging of aggressive cancer cells using an epidermal growth factor receptor (EGFR)-targeted filamentous plant virus-based nanoparticle. <b>2015</b> , 26, 262-269	45
1536	Target-specific near-IR induced drug release and photothermal therapy with accumulated Au/Ag hollow nanoshells on pulmonary cancer cell membranes. <b>2015</b> , 45, 81-92	62
1535	Characteristics of protein-based biopolymer and its application. <b>2015</b> , 55, 485-498	88
1534	The use of nanoparticles as a promising therapeutic approach in cancer immunotherapy. <b>2016</b> , 44, 1051-61	45

1533	Gold Nanoparticles in Cancer Drug Delivery. <b>2015</b> , 221-237	5
1532	The enhanced chemotherapeutic effects of doxorubicin loaded PEG coated TiO nanocarriers in an orthotopic breast tumor bearing mouse model. <b>2015</b> , 3, 1518-1528	39
1531	Towards hybrid biocompatible magnetic rHuman serum albumin-based nanoparticles: use of ultra-small (CeLn) <sub>3/4+</sub> cation-doped maghemite nanoparticles as functional shell. <b>2015</b> , 26, 045601	10
1530	Comparison of sorafenib-loaded poly (lactic/glycolic) acid and DPPC liposome nanoparticles in the in vitro treatment of renal cell carcinoma. <b>2015</b> , 104, 1187-96	38
1529	Advances in the synthesis and application of nanoparticles for drug delivery. <b>2015</b> , 7, 494-508	48
1528	Novel wrinkled periodic mesoporous organosilica nanoparticles for hydrophobic anticancer drug delivery. <b>2015</b> , 22, 1-10	43
1527	Hydrophobic IR780 encapsulated in biodegradable human serum albumin nanoparticles for photothermal and photodynamic therapy. <b>2015</b> , 14, 61-9	177
1526	Doxorubicin-loaded glycyrrhetic acid modified recombinant human serum albumin nanoparticles for targeting liver tumor chemotherapy. <b>2015</b> , 12, 675-83	68
1525	Factors Influencing the Formation of Single-Chain Polymeric Nanoparticles Prepared via Ring-Opening Polymerization. <b>2015</b> , 48, 1371-1379	31
1524	Rapid detection and destruction of squamous cell carcinoma of the head and neck by nano-quadrapeutics. <b>2015</b> , 37, 1547-55	4
1523	Protamine-carboxymethyl cellulose magnetic nanocapsules for enhanced delivery of anticancer drugs against drug resistant cancers. <b>2015</b> , 11, 969-81	50
1522	Polymeric nanoparticles for targeted treatment in oncology: current insights. <b>2015</b> , 10, 1001-18	187
1521	Nanoparticles of the poly([N-(2-hydroxypropyl)]methacrylamide)-b-poly[2-(diisopropylamino)ethyl methacrylate] diblock copolymer for pH-triggered release of paclitaxel. <b>2015</b> , 6, 4946-4954	25
1520	Injectable supramolecular hydrogels fabricated from PEGylated doxorubicin prodrug and $\beta$ -cyclodextrin for pH-triggered drug delivery. <b>2015</b> , 5, 54658-54666	26
1519	Terminal PEGylated DNA-Gold Nanoparticle Conjugates Offering High Resistance to Nuclease Degradation and Efficient Intracellular Delivery of DNA Binding Agents. <b>2015</b> , 7, 18707-16	30
1518	DOX-encapsulated intelligent PAA-g-PEG/PEG-Fa polymeric micelles for intensifying antitumor therapeutic effect via active-targeted tumor accumulation. <b>2015</b> , 3, 5478-5489	8
1517	Mitophagy induced by nanoparticle-peptide conjugates enabling an alternative intracellular trafficking route. <b>2015</b> , 65, 56-65	30
1516	Folate-conjugated nanoparticles as a potent therapeutic approach in targeted cancer therapy. <b>2015</b> , 36, 5727-42	76

1515	Development of highly stabilized curcumin nanoparticles by flash nanoprecipitation and lyophilization. <b>2015</b> , 94, 436-49	47
1514	Supramolecular nanoscale assemblies for cancer diagnosis and therapy. <b>2015</b> , 213, 152-167	22
1513	Natural and Semisynthetic Nanoparticles in Lung Cancer Diagnosis and Therapy. <b>2015</b> , 17-26	1
1512	Co-Eradication of Breast Cancer Cells and Cancer Stem Cells by Cross-Linked Multilamellar Liposomes Enhances Tumor Treatment. <b>2015</b> , 12, 2811-22	34
1511	Vitamin E containing polymer micelles for reducing normal cell cytotoxicity and enhancing chemotherapy efficacy. <b>2015</b> , 24, 286-96	17
1510	Unsymmetric vesicles with a different design on each side for near-infrared fluorescence imaging of tumor tissues. <b>2015</b> , 5, 14697-14703	4
1509	Shape effect in cellular uptake of PEGylated nanoparticles: comparison between sphere, rod, cube and disk. <b>2015</b> , 7, 16631-46	204
1508	Size controlled protein nanoemulsions for active targeting of folate receptor positive cells. <b>2015</b> , 135, 90-98	22
1507	Preparation of thermo and pH-responsive polymer@Au/Fe <sub>3</sub> O <sub>4</sub> core/shell nanoparticles as a carrier for delivery of anticancer agent. <b>2015</b> , 17, 1	30
1506	Therapeutic contact lenses: a patent review. <b>2015</b> , 25, 1117-29	38
1505	Reversion of multidrug resistance by a pH-responsive cyclodextrin-derived nanomedicine in drug resistant cancer cells. <b>2015</b> , 67, 169-82	41
1504	Photoresponsive nanoparticles for drug delivery. <b>2015</b> , 10, 451-467	194
1503	Inherently stealthy and highly tumor-selective gold nanoraspberries for photothermal cancer therapy. <b>2015</b> , 5, 10311	19
1502	Silk fibroin-based nanoparticles for drug delivery. <b>2015</b> , 16, 4880-903	168
1501	Cyclic-RGDfK peptide conjugated succinoyl-TPGS nanomicelles for targeted delivery of docetaxel to integrin receptor over-expressing angiogenic tumours. <b>2015</b> , 11, 1511-20	47
1500	Redox nanoparticles inhibit curcumin oxidative degradation and enhance its therapeutic effect on prostate cancer. <b>2015</b> , 209, 110-9	39
1499	Surface modification of polydopamine coated particles via glycopolymer brush synthesis for protein binding and FLIM testing. <b>2015</b> , 6, 2504-2511	22
1498	Nano-assemblies of J-aggregates based on a NIR dye as a multifunctional drug carrier for combination cancer therapy. <b>2015</b> , 57, 84-92	78

1497	Luminescent difluoroboron Ediketone PEG-PLA oxygen nanosensors for tumor imaging. <b>2015</b> , 36, 694-9	25
1496	Combination chemotherapy of doxorubicin, all-trans retinoic acid and low molecular weight heparin based on self-assembled multi-functional polymeric nanoparticles. <b>2015</b> , 26, 145101	26
1495	Enzyme-induced and tumor-targeted drug delivery system based on multifunctional mesoporous silica nanoparticles. <b>2015</b> , 7, 9078-87	180
1494	Multifunctional magneto-plasmonic nanotransducers for advanced theranostics: synthesis, modeling and experiment. <b>2015</b> ,	
1493	Detection and characterization of SiO <sub>2</sub> and TiO <sub>2</sub> nanostructures in dietary supplements. <b>2015</b> , 63, 3144-52	49
1492	Poly(d,l-lactide-co-glycolide)-chitosan composite particles for the treatment of lung cancer. <b>2015</b> , 10, 2997-3011	8
1491	Anti-migratory and increased cytotoxic effects of novel dual drug-loaded complex hybrid micelles in triple negative breast cancer cells. <b>2015</b> , 8, 2533-2547	27
1490	Food Nanoscience and Nanotechnology. <b>2015</b> ,	9
1489	Breast Cancer Biology for the Radiation Oncologist. <b>2015</b> ,	1
1488	Effect of the surface modification, size, and shape on cellular uptake of nanoparticles. <b>2015</b> , 39, 881-90	291
1487	DNA-capped Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> magnetic mesoporous silica nanoparticles for potential controlled drug release and hyperthermia. <b>2015</b> , 5, 22365-22372	67
1486	Improving the anti-ovarian cancer activity of docetaxel with biodegradable self-assembly micelles through various evaluations. <b>2015</b> , 53, 646-58	52
1485	Advanced targeted therapies in cancer: Drug nanocarriers, the future of chemotherapy. <b>2015</b> , 93, 52-79	865
1484	Silk fibroin nanoparticle as a novel drug delivery system. <b>2015</b> , 206, 161-76	227
1483	Fine-tuning vitamin E-containing telodendrimers for efficient delivery of gambogic acid in colon cancer treatment. <b>2015</b> , 12, 1216-29	38
1482	Drug-triggered and cross-linked self-assembling nanofibrous hydrogels. <b>2015</b> , 137, 4823-30	97
1481	Co-delivery of paclitaxel and gemcitabine via CD44-targeting nanocarriers as a prodrug with synergistic antitumor activity against human biliary cancer. <b>2015</b> , 53, 763-74	97
1480	Hybrid protein-synthetic polymer nanoparticles for drug delivery. <b>2015</b> , 98, 93-119	4

1479	Medical Applications for Biomaterials in Bolivia. <b>2015</b> ,	1
1478	Co-delivery of doxorubicin and tumor-suppressing p53 gene using a POSS-based star-shaped polymer for cancer therapy. <b>2015</b> , 55, 12-23	71
1477	A two-component active targeting theranostic agent based on graphene quantum dots. <b>2015</b> , 3, 3583-3590	35
1476	Anticancer and antiangiogenic activity of surfactant-free nanoparticles based on self-assembled polymeric derivatives of vitamin E: structure-activity relationship. <b>2015</b> , 16, 1566-81	26
1475	Core-Cross-Linking Accelerates Antitumor Activities of Paclitaxel-Conjugate Micelles to Prostate Multicellular Tumor Spheroids: A Comparison of 2D and 3D Models. <b>2015</b> , 16, 1470-9	52
1474	Multifunctional nanoparticles for use in theranostic applications. <b>2015</b> , 5, 295-309	73
1473	One-component nanomedicine. <b>2015</b> , 219, 383-395	109
1472	Atomic Cluster Generation with an Atmospheric Pressure Spark Discharge Generator. <b>2015</b> , 49, 886-894	27
1471	Tumortropic monocyte-mediated delivery of echogenic polymer bubbles and therapeutic vesicles for chemotherapy of tumor hypoxia. <b>2015</b> , 71, 71-83	85
1470	In vivo delivery, pharmacokinetics, biodistribution and toxicity of iron oxide nanoparticles. <b>2015</b> , 44, 8576-607	506
1469	Active Drug Targeting of a Folate-Based Cyclodextrin-Doxorubicin Conjugate and the Cytotoxic Effect on Drug-Resistant Mammary Tumor Cells In Vitro. <b>2015</b> , 104, 2934-40	14
1468	A novel platform for cancer therapy using extracellular vesicles. <b>2015</b> , 95, 50-5	60
1467	Photocontrolled release using one-photon absorption of visible or NIR light. <b>2015</b> , 219, 18-30	91
1466	Stable and compact zwitterionic polydiacetylene micelles with tumor-targeting properties. <b>2015</b> , 51, 14937-40	28
1465	Tuning the sphere-to-rod transition in the self-assembly of thermoresponsive polymer hybrids. <b>2015</b> , 136, 612-7	6
1464	Preparation and characterization of potential doxorubicin-loaded mixed micelles formed from vitamin E containing graft copolymers and PEG-b-PLA diblock copolymers. <b>2015</b> , 5, 83825-83836	8
1463	Experimental design of a liposomal lipid system: A potential strategy for paclitaxel-based breast cancer treatment. <b>2015</b> , 136, 553-61	31
1462	Nano-enabled delivery of diverse payloads across complex biological barriers. <b>2015</b> , 219, 548-559	41

1461	Development of DH-I-180-3 loaded lipid nanoparticle for photodynamic therapy. <b>2015</b> , 491, 393-401	20
1460	A sight on protein-based nanoparticles as drug/gene delivery systems. <b>2015</b> , 6, 1017-29	18
1459	A challenge for theranostics: is the optimal particle for therapy also optimal for diagnostics?. <b>2015</b> , 7, 15175-84	51
1458	An unusual role of folate in the self-assembly of heparin-folate conjugates into nanoparticles. <b>2015</b> , 7, 15185-90	20
1457	A Review on Bionanocomposites Based on Chitosan and Its Derivatives for Biomedical Applications. <b>2015</b> , 173-208	18
1456	Nanoparticle Probes for the Detection of Cancer Biomarkers, Cells, and Tissues by Fluorescence. <b>2015</b> , 115, 10530-74	702
1455	Quantum dot multiplexing for the profiling of cellular receptors. <b>2015</b> , 7, 18504-14	16
1454	Facile synthesis of yolk-shell silica nanoparticles for targeted tumor therapy. <b>2015</b> , 3, 8303-8313	20
1453	Gold nanoparticle-enhanced photodynamic therapy: effects of surface charge and mitochondrial targeting. <b>2015</b> , 6, 307-21	32
1452	Nanoparticle approaches to combating drug resistance. <b>2015</b> , 7, 1503-10	21
1451	Chemical Control over Cellular Uptake of Organic Nanoparticles by Fine Tuning Surface Functional Groups. <b>2015</b> , 9, 10227-36	41
1450	Challenges and new strategies for therapeutic peptide delivery to the CNS. <b>2015</b> , 6, 841-53	10
1449	Aliphatic polyesters for medical imaging and theranostic applications. <b>2015</b> , 97, 350-70	46
1448	Efficacy Interactions of PEG-DOX-N-acetyl Glucosamine Prodrug Conjugate for Anticancer Therapy. <b>2015</b> , 97, 454-63	14
1447	A biomimetic hybrid nanoplatform for encapsulation and precisely controlled delivery of theranostic agents. [Corrected]. <b>2015</b> , 6, 10081	87
1446	Molecular Dynamics Simulations of the Initial Adsorption Stages of Fibrinogen on Mica and Graphite Surfaces. <b>2015</b> , 31, 13180-90	30
1445	WITHDRAWN: Polymer assembly: Promising carriers as co-delivery systems for cancer therapy. <b>2015</b> ,	
1444	Synthesis of folate- pegylated polyester nanoparticles encapsulating ixabepilone for targeting folate receptor overexpressing breast cancer cells. <b>2015</b> , 26, 275	35

1443	Targeting Wnt Canonical Signaling by Recombinant sFRP1 Bound Luminescent Au-Nanocluster Embedded Nanoparticles in Cancer Theranostics. <b>2015</b> , 1, 1256-1266	23
1442	Nanomedicine Nanoparticles in Cancer Imaging and Therapy. <b>2015</b> , 205-244	2
1441	Nanoparticles in Lung Cancer Therapy - Recent Trends. <b>2015</b> ,	2
1440	Active targeting docetaxel-PLA nanoparticles eradicate circulating lung cancer stem-like cells and inhibit liver metastasis. <b>2015</b> , 12, 232-9	26
1439	Evaluation of polymeric nanoparticle formulations by effective imaging and quantitation of cellular uptake for controlled delivery of doxorubicin. <b>2015</b> , 11, 1197-204	24
1438	Porous Silicon Nanodiscs for Targeted Drug Delivery. <b>2015</b> , 25, 1137-1145	76
1437	Synergism through combination of chemotherapy and oxidative stress-induced autophagy in A549 lung cancer cells using redox-responsive nanohybrids: a new strategy for cancer therapy. <b>2015</b> , 42, 30-41	40
1436	Evaluation of thermo-triggered drug release in intramuscular-transplanted tumors using thermosensitive polymer-modified liposomes and MRI. <b>2015</b> , 11, 229-38	33
1435	Open challenges in magnetic drug targeting. <b>2015</b> , 7, 446-57	89
1434	Potential nanotechnologies and molecular targets in the quest for efficient chemotherapy in ovarian cancer. <b>2015</b> , 12, 613-34	2
1433	Nanoparticle-based immunotherapy for cancer. <b>2015</b> , 9, 16-30	322
1432	Genomic Instability and Cancer Metastasis. <b>2015</b> ,	1
1431	Molecularly imprinted polymer nanoparticles for olanzapine recognition: application for solid phase extraction and sustained release. <b>2015</b> , 5, 9154-9166	27
1430	The potential roles of nanobiomaterials in distraction osteogenesis. <b>2015</b> , 11, 1-18	27
1429	The self-assembly of anticancer camptothecin-dipeptide nanotubes: a minimalistic and high drug loading approach to increased efficacy. <b>2015</b> , 21, 101-5	69
1428	Smart Nanoparticles for Drug Delivery: Boundaries and Opportunities. <b>2015</b> , 125, 158-164	94
1427	Pluronic F127 polymeric micelles for co-delivery of paclitaxel and lapatinib against metastatic breast cancer: preparation, optimization and in vitro evaluation. <b>2015</b> , 20, 1009-1017	31
1426	Surface engineered cyclodextrin embedded polymeric nanoparticles through host-guest interaction used for drug delivery. <b>2015</b> , 125, 121-128	10



1425	Efficient reduction and pH co-triggered DOX-loaded magnetic nanogel carrier using disulfide crosslinking. <b>2015</b> , 46, 41-51	37
1424	Nanoparticulate carrier system: a novel treatment approach for hyperlipidemia. <b>2016</b> , 23, 694-709	19
1423	Drug Delivery Nanoparticles Formulation and Characterization. <b>2016</b> ,	17
1422	The Effective Role of Hydroxyapatite Based Composites in Anticancer Drug Delivery Systems. <b>2016</b> , 33, 41-75	18
1421	Radiographic Detection and Advanced Imaging of Glioblastoma. <b>2016</b> , 81-103	
1420	Investigation of laser heating effect of metallic nanoparticles on cancer treatment. <b>2016</b> , 137, 012013	1
1419	Leishmaniasis - Drugs, Nanotechnology Based Delivery Systems and Recent Patents Survey. <b>2016</b> , 6, 21-42	4
1418	Nanobiomaterials. <b>2016</b> , 401-429	3
1417	An Overview on Novel Microbial Determination Methods in Pharmaceutical and Food Quality Control. <b>2016</b> , 6, 301-308	28
1416	Advances in nanobiomaterials for oncology nanomedicine. <b>2016</b> , 91-115	5
1415	Role of Four Different Kinds of Polyethylenimines (PEIs) in Preparation of Polymeric Lipid Nanoparticles and Their Anticancer Activity Study. <b>2016</b> , 7, 872-82	16
1414	Nanotherapeutic Platforms for Cancer Treatment: From Preclinical Development to Clinical Application. <b>2016</b> , 813-869	3
1413	Albumin-Based Nanodevices as Drug Carriers. <b>2016</b> , 22, 1371-90	84
1412	Drug Delivery Systems Based on Polymeric Micelles and Ultrasound: A Review. <b>2016</b> , 22, 2796-807	53
1411	Applications and perspectives of boron nitride nanotubes in cancer therapy. <b>2016</b> , 95-109	3
1410	Tetrandrine, a Chinese plant-derived alkaloid, is a potential candidate for cancer chemotherapy. <b>2016</b> , 7, 40800-40815	112
1409	Curcumin and Resveratrol as Promising Natural Remedies with Nanomedicine Approach for the Effective Treatment of Triple Negative Breast Cancer. <b>2016</b> , 2016, 9750785	39
1408	A Polyethylenimine-Containing and Transferrin-Conjugated Lipid Nanoparticle System for Antisense Oligonucleotide Delivery to AML. <b>2016</b> , 2016, 1287128	14

1407	Nanodelivery of Anticancer Agents in Melanoma: Encouraging, But a Long Way to Go. <b>2016</b> , 189-201	1
1406	Ligand-based targeted therapy: a novel strategy for hepatocellular carcinoma. <b>2016</b> , 11, 5645-5669	84
1405	Therapeutic efficacy of nanomedicines for prostate cancer: An update. <b>2016</b> , 57, 21-9	12
1404	Mesoporous silica nanoparticles for stimuli-responsive controlled drug delivery: advances, challenges, and outlook. <b>2017</b> , 12, 87-110	149
1403	Nanoparticle and Targeted Systems for Colon Cancer Therapy. <b>2016</b> , 695-713	
1402	Nanocarriers Usage for Drug Delivery in Cancer Therapy. <b>2016</b> , 9, e3966	36
1401	Current status and future prospects of nanobiomaterials in drug delivery. <b>2016</b> , 147-170	8
1400	pH-Responsive Hyaluronic Acid-Based Mixed Micelles for the Hepatoma-Targeting Delivery of Doxorubicin. <b>2016</b> , 17, 364	30
1399	Glioblastoma Stem-Like Cells: Characteristics, Microenvironment, and Therapy. <b>2016</b> , 7, 477	67
1398	Methotrexate nanoparticle delivery system for treatment of inflammatory bowel disease in pediatric patients. <b>2016</b> , 15, 1361	0
1397	The Plant as Metaorganism and Research on Next-Generation Systemic Pesticides - Prospects and Challenges. <b>2016</b> , 7, 1968	28
1396	Oral Squamous Cell Carcinoma: Current Treatment Strategies and Nanotechnology-Based Approaches for Prevention and Therapy. <b>2016</b> , 33, 363-400	78
1395	Hybrid Nanoparticles as Drug Carriers for Controlled Chemotherapy of Cancer. <b>2016</b> , 16, 1833-51	13
1394	Molecular Assembly of Polysaccharide-Based Microcapsules and Their Biomedical Applications. <b>2016</b> , 16, 1991-2004	9
1393	Facile Generation of Tumor-pH-Labile Linkage-Bridged Block Copolymers for Chemotherapeutic Delivery. <b>2016</b> , 128, 1022-1026	31
1392	Encapsulation of Living Cells within Giant Phospholipid Liposomes Formed by the Inverse-Emulsion Technique. <b>2016</b> , 17, 886-9	17
1391	What is the role of curvature on the properties of nanomaterials for biomedical applications?. <b>2016</b> , 8, 334-54	28
1390	Mitochondrially Targeted Nanoparticles Based on FOS for the Selective Cancer Treatment. <b>2016</b> , 16, 395-411	14

1389	Poly(p-phenylene) with Poly(ethylene glycol) Chains and Amino Groups as a Functional Platform for Controlled Drug Release and Radiotherapy. <b>2016</b> , 16, 730-7	8
1388	Multifunctional Polymeric Nanosystems for Dual-Targeted Combinatorial Chemo/Angiogenesis Therapy of Tumors. <b>2016</b> , 5, 1447-61	33
1387	Nanoconjugation prolongs endosomal signaling of the epidermal growth factor receptor and enhances apoptosis. <b>2016</b> , 8, 13755-68	10
1386	Dual cellular stimuli-responsive hydrogel nanocapsules for delivery of anticancer drugs. <b>2016</b> , 4, 4922-4933	14
1385	Comparison of three different conjugation strategies in the construction of herceptin-bearing paclitaxel-loaded nanoparticles. <b>2016</b> , 4, 1219-32	8
1384	Photosensitizer enhanced disassembly of amphiphilic micelle for ROS-response targeted tumor therapy in vivo. <b>2016</b> , 104, 1-17	73
1383	Phenomenology of break-up modes in contact free externally heated nanoparticle laden fuel droplets. <b>2016</b> , 28, 123302	21
1382	Microfluidic platform for photodynamic therapy cytotoxicity analysis of nanoencapsulated indocyanine-type photosensitizers. <b>2016</b> , 10, 014116	21
1381	Cytosolic Transport of Nanoparticles through Pressurized Plasma Membranes for Molecular Delivery and Amplification of Intracellular Fluorescence. <b>2016</b> , 32, 13534-13545	1
1380	A dual functional liposome specifically targets melanoma cells through integrin and ephrin receptors. <b>2016</b> , 6, 113487-113491	9
1379	Diagnosing gastrointestinal stromal tumours by single photon emission computed tomography using nano-radiopharmaceuticals based on bevacizumab monoclonal antibody. <b>2016</b> , 2, 045017	4
1378	Lipid-Based Drug Delivery Systems in Cancer Therapy: What Is Available and What Is Yet to Come. <b>2016</b> , 68, 701-87	361
1377	Biodistribution of biodegradable polymeric nano-carriers loaded with busulphan and designed for multimodal imaging. <b>2016</b> , 14, 82	21
1376	Role of pH-responsiveness in the design of chitosan-based cancer nanotherapeutics: A review. <b>2016</b> , 11, 04B201	23
1375	Modified gold nanoparticles for intracellular delivery of anti-liver cancer siRNA. <b>2016</b> , 504, 125-33	39
1374	Smart surface coating of drug nanoparticles with cross-linkable polyethylene glycol for bio-responsive and highly efficient drug delivery. <b>2016</b> , 8, 8118-25	28
1373	Nanoscale drug delivery for targeted chemotherapy. <b>2016</b> , 379, 24-31	60
1372	Size-Controlled Functionalized Mesoporous Silica Nanoparticles for Tunable Drug Release and Enhanced Anti-Tumoral Activity. <b>2016</b> , 28, 4243-4258	106

1371	Electrode reduction of core-shell ferrite magnetic nanoparticles. <b>2016</b> , 40, 6405-6413	3
1370	Delivery of Anticancer Molecules Using Carbon Nanotubes. <b>2016</b> , 563-572	
1369	Caffeic acid-coated multifunctional magnetic nanoparticles for the treatment and bimodal imaging of tumours. <b>2016</b> , 160, 210-6	16
1368	Electrohydrodynamic encapsulation of cisplatin in poly (lactic-co-glycolic acid) nanoparticles for controlled drug delivery. <b>2016</b> , 12, 1919-1929	56
1367	The application of mesoporous silica nanoparticle family in cancer theranostics. <b>2016</b> , 319, 86-109	111
1366	Multifunctional drug nanocarriers facilitate more specific entry of therapeutic payload into tumors and control multiple drug resistance in cancer. <b>2016</b> , 203-251	5
1365	Overcoming ABC transporter-mediated multidrug resistance: Molecular mechanisms and novel therapeutic drug strategies. <b>2016</b> , 27, 14-29	362
1364	Preparation, characterization and biological evaluation of curcumin loaded alginate aldehyde-gelatin nanogels. <b>2016</b> , 68, 251-257	73
1363	Biotin-Conjugated Multilayer Poly [D,L-lactide-co-glycolide]-Lecithin-Polyethylene Glycol Nanoparticles for Targeted Delivery of Doxorubicin. <b>2016</b> , 105, 2949-2958	20
1362	Recent advances in stereocomplexation of enantiomeric PLA-based copolymers and applications. <b>2016</b> , 62, 22-72	184
1361	Gold nanoparticle surface functionalization: mixed monolayer versus hetero bifunctional peg linker. <b>2016</b> , 11, 851-65	10
1360	Physiologically based pharmacokinetic model of docetaxel and interspecies scaling: comparison of simple injection with folate receptor-targeting amphiphilic copolymer-modified liposomes. <b>2016</b> , 46, 1093-1104	10
1359	Reduced Graphene Oxide Nanosheet for Chemo-photothermal Therapy. <b>2016</b> , 32, 2731-6	96
1358	Development of a new tri-block copolymer with a functional end and its feasibility for treatment of metastatic breast cancer. <b>2016</b> , 144, 73-80	17
1357	Antitumor and Antimetastasis Activities of Heparin-based Micelle Served As Both Carrier and Drug. <b>2016</b> , 8, 9577-89	55
1356	FePt nanoparticles: a novel nanoprobe for enhanced HeLa cells sensitivity to chemoradiotherapy. <b>2016</b> , 6, 35124-35134	17
1355	Nanoparticles and mesenchymal stem cells: a win-win alliance for anticancer drug delivery. <b>2016</b> , 6, 36910-36922	
1354	Effect of Surface Functionalization on the Cellular Uptake and Toxicity of Nanozeolite A. <b>2016</b> , 11, 123	19

1353	A self-assembled DNA nanostructure for targeted and pH-triggered drug delivery to combat doxorubicin resistance. <b>2016</b> , 4, 3854-3858	12
1352	Surface decoration of magnetic nanoparticles with folate-conjugated poly(N-isopropylacrylamide-co-itaconic acid): A facial synthesis of dual-responsive nanocarrier for targeted delivery of doxorubicin. <b>2016</b> , 65, 683-694	26
1351	Curcumin loaded gum arabic aldehyde-gelatin nanogels for breast cancer therapy. <b>2016</b> , 65, 331-7	36
1350	Fabrication of dendrimer-releasing lipidic nanoassembly for cancer drug delivery. <b>2016</b> , 4, 958-69	18
1349	Fmoc-modified amino acids and short peptides: simple bio-inspired building blocks for the fabrication of functional materials. <b>2016</b> , 45, 3935-53	272
1348	The polyvinylpyrrolidone functionalized rGO/Bi2S3 nanocomposite as a near-infrared light-responsive nanovehicle for chemo-photothermal therapy of cancer. <b>2016</b> , 8, 11531-42	59
1347	Significantly enhanced tumor cellular and lysosomal hydroxychloroquine delivery by smart liposomes for optimal autophagy inhibition and improved antitumor efficiency with liposomal doxorubicin. <b>2016</b> , 12, 949-62	48
1346	Novel folate-targeted paclitaxel nanoparticles for tumor targeting: preparation, characterization, and efficacy. <b>2016</b> , 6, 45664-45672	5
1345	The Research and Applications of Quantum Dots as Nano-Carriers for Targeted Drug Delivery and Cancer Therapy. <b>2016</b> , 11, 207	91
1344	Tumor-targeted and multi-stimuli responsive drug delivery system for near-infrared light induced chemo-phototherapy and photoacoustic tomography. <b>2016</b> , 38, 129-42	113
1343	Chitosan nanoparticles for lipophilic anticancer drug delivery: Development, characterization and in vitro studies on HT29 cancer cells. <b>2016</b> , 145, 362-372	42
1342	One-Dimensional Supramolecular Nanoplatforms for Theranostics Based on Co-Assembly of Peptide Amphiphiles. <b>2016</b> , 17, 3234-3243	29
1341	Magnetic field-enhanced cellular uptake of doxorubicin loaded magnetic nanoparticles for tumor treatment. <b>2016</b> , 3, 095010	20
1340	A Comparative Evaluation of Hydroxycamptothecin Drug Nanorods With and Without Methotrexate Prodrug Functionalization for Drug Delivery. <b>2016</b> , 11, 384	10
1339	Co-micellization behavior of triblock copolymers in the presence of hydrophobic drug molecules: A simulation study. <b>2016</b> , 148, 299-307	14
1338	An anisotropic propagation technique for synthesizing hyperbranched polyvillic gold nanoparticles. <b>2016</b> , 9, 2889-2903	9
1337	Adhesion characteristics of nano/micro-sized particles with dual ligands with different interaction distances. <b>2016</b> , 6, 89785-89793	1
1336	Micelles: Micellar Nanoparticles. <b>2016</b> , 568-573	

1335	Loading of an anti-cancer drug into mesoporous silica nano-channels and its subsequent release to DNA. <b>2016</b> , 8, 18436-18445	15
1334	Supramolecular nanocapsules from the self-assembly of amphiphilic calixarene as a carrier for paclitaxel. <b>2016</b> , 40, 9923-9929	23
1333	Doxorubicin-loaded nanocarriers: A comparative study of liposome and nanostructured lipid carrier as alternatives for cancer therapy. <b>2016</b> , 84, 252-257	36
1332	Stabilization of Paclitaxel-Conjugated Micelles by Cross-Linking with Cystamine Compromises the Antitumor Effects against Two- and Three-Dimensional Tumor Cellular Models. <b>2016</b> , 13, 3648-3656	19
1331	Carbohydrate-based amphiphilic nano delivery systems for cancer therapy. <b>2016</b> , 8, 16091-16156	115
1330	Ultrasonic Drug Delivery Using Micelles and Liposomes. <b>2016</b> , 1127-1161	
1329	Cadmium nanoclusters in a protein matrix: Synthesis, characterization, and application in targeted drug delivery and cellular imaging. <b>2016</b> , 9, 3229-3246	32
1328	Edible Ginger-derived Nano-lipids Loaded with Doxorubicin as a Novel Drug-delivery Approach for Colon Cancer Therapy. <b>2016</b> , 24, 1783-1796	116
1327	Pluronic mimicking fluorescent carbon nanoparticles conjugated with doxorubicin via acid-cleavable linkage for tumor-targeted drug delivery and bioimaging. <b>2016</b> , 43, 150-157	27
1326	Infrared-Emitting QDs for Thermal Therapy with Real-Time Subcutaneous Temperature Feedback. <b>2016</b> , 26, 6060-6068	92
1325	Influence of Structural Features on the Cellular Uptake Behavior of Non-Targeted Polyester-Based Nanocarriers. <b>2016</b> , 16, 1643-1652	7
1324	A comparative study on the nanoparticles for improved drug delivery systems. <b>2016</b> , 162, 681-693	34
1323	The Design and Testing of Multifunctional Nanoparticles for Drug Delivery Applications. <b>2016</b> , 1-60	1
1322	Lengthy reverse poly(butylene oxide)-poly(ethylene oxide)-poly(butylene oxide) polymeric micelles and gels for sustained release of antifungal drugs. <b>2016</b> , 510, 17-29	14
1321	Combinatorial nanomedicines for colon cancer therapy. <b>2016</b> , 8, 151-9	29
1320	Tumor therapy: targeted drug delivery systems. <b>2016</b> , 4, 6758-6772	73
1319	Self-assembled nanoparticles covalently consisting of doxorubicin and EDB fibronectin specific peptide for solid tumour treatment. <b>2016</b> , 6, 77321-77328	2
1318	Fabrication and in vitro characterization of gadolinium-based nanoclusters for simultaneous drug delivery and radiation enhancement. <b>2016</b> , 27, 385104	6

1317	Crossing the Endothelial Barrier. <b>2016</b> , 227-256	1
1316	Self-Assembling Doxorubicin Prodrug Forming Nanoparticles and Effectively Reversing Drug Resistance In Vitro and In Vivo. <b>2016</b> , 5, 2517-2527	19
1315	Improved Efficiency of Ibuprofen by Cationic Carbosilane Dendritic Conjugates. <b>2016</b> , 13, 3427-3438	12
1314	Tellurium-containing nanoparticles for controlled delivery of cisplatin based on coordination interaction. <b>2016</b> , 6, 94033-94037	3
1313	Combination therapeutics of doxorubicin with Fe <sub>3</sub> O <sub>4</sub> @chitosan@phytic acid nanoparticles for multi-responsive drug delivery. <b>2016</b> , 6, 88248-88254	7
1312	Functional Dendrimers as Nanoscale Theranostic Vehicles for Cancer Treatment. <b>2016</b> , 327-353	
1311	Synthesis of zwitterionic, hydrophobic, and amphiphilic polymers via RAFT polymerization induced self-assembly (PISA) in acetic acid. <b>2016</b> , 7, 6133-6143	16
1310	Towards the Fabrication of Polyelectrolyte-Based Nanocapsules for Bio-Medical Applications. <b>2016</b> , 6, 496-501	6
1309	An overview of drug delivery vehicles for cancer treatment: Nanocarriers and nanoparticles including photovoltaic nanoparticles. <b>2016</b> , 164, 151-159	20
1308	Biodegradable polymeric nanostructures in therapeutic applications: opportunities and challenges. <b>2016</b> , 6, 94325-94351	46
1307	Versailles Project on Advanced Materials and Standards Interlaboratory Study on Measuring the Thickness and Chemistry of Nanoparticle Coatings Using XPS and LEIS. <b>2016</b> , 120, 24070-24079	28
1306	Structural-Engineering Rationales of Gold Nanoparticles for Cancer Theranostics. <b>2016</b> , 28, 8567-8585	92
1305	An Enzyme-Responsive Nanogel Carrier Based on PAMAM Dendrimers for Drug Delivery. <b>2016</b> , 8, 19899-906	53
1304	Lipid Cross-Linking of Nanolipoprotein Particles Substantially Enhances Serum Stability and Cellular Uptake. <b>2016</b> , 8, 20549-57	11
1303	Functional long circulating single walled carbon nanotubes for fluorescent/photoacoustic imaging-guided enhanced phototherapy. <b>2016</b> , 103, 219-228	115
1302	Multifunctional Mesoporous Silica Nanoparticles with Thermal-Responsive Gatekeeper for NIR Light-Triggered Chemo/Photothermal-Therapy. <b>2016</b> , 12, 4286-98	129
1301	Smart Polymeric Nanocarriers of Met-enkephalin. <b>2016</b> , 17, 2691-700	12
1300	Utilizing G2/M retention effect to enhance tumor accumulation of active targeting nanoparticles. <b>2016</b> , 6, 27669	12

1299	Development of Self-Assembled Biomimetic Boc-Protected Peptide-Polymer Based Nanovehicles for Targeted Delivery to Tumor Cells. <b>2016</b> , 29, 33-53	1
1298	Aptamer application in targeted delivery systems for diagnosis and treatment of breast cancer. <b>2016</b> , 4, 7766-7778	23
1297	Synthesis of polydopamine as a new and biocompatible coating of magnetic nanoparticles for delivery of doxorubicin in mouse breast adenocarcinoma. <b>2016</b> , 78, 1073-1084	25
1296	Plasmonic Nanoparticle-based Hybrid Photosensitizers with Broadened Excitation Profile for Photodynamic Therapy of Cancer Cells. <b>2016</b> , 6, 34981	15
1295	Peptide-conjugated PEGylated PAMAM as a highly affinitive nanocarrier towards HER2-overexpressing cancer cells. <b>2016</b> , 6, 107337-107343	11
1294	Nanocarrier-Based Anticancer Therapies with the Focus on Strategies for Targeting the Tumor Microenvironment. <b>2016</b> , 67-122	
1293	Diffusing Colloidal Probes of kT-Scale Biomaterial-Cell Interactions. <b>2016</b> , 32, 12212-12220	4
1292	Quantitative Comparison of Photothermal Heat Generation between Gold Nanospheres and Nanorods. <b>2016</b> , 6, 29836	95
1291	Plasmonic/Magnetic Multifunctional nanoplatform for Cancer Theranostics. <b>2016</b> , 6, 34874	32
1290	Encapsulation of Nanoparticles During Polymer Micelle Formation: A Dissipative Particle Dynamics Study. <b>2016</b> , 120, 11582-11594	12
1289	Self-therapeutic Applications of Noble Metal Nanostructures. <b>2016</b> , 1-36	
1288	Self-therapeutic Applications of Noble Metal Nanostructures. <b>2016</b> , 1-53	
1287	In vitro evaluation of anticancer effect and neurotoxicity of Styrylpyrone derivative (SPD). <b>2016</b> ,	1
1286	Applications and modifications of aptamers: potential tool for medical microbiology. <b>2016</b> , 27, 107-120	5
1285	Iron-Oxide-Based Nanovector for Tumor Targeted siRNA Delivery in an Orthotopic Hepatocellular Carcinoma Xenograft Mouse Model. <b>2016</b> , 12, 477-87	45
1284	Self-Assembled Smart Nanocarriers for Targeted Drug Delivery. <b>2016</b> , 28, 1302-11	161
1283	Probing the interaction of caffeic acid with ZnO nanoparticles. <b>2016</b> , 31, 654-9	9
1282	Aptamer-modified polymer nanoparticles for targeted drug delivery. <b>2016</b> , 17,	14



1281	Design and optimization of novel paclitaxel-loaded folate-conjugated amphiphilic cyclodextrin nanoparticles. <b>2016</b> , 509, 375-390	34
1280	A novel dual-responsive core-crosslinked magnetic-gold nanogel for triggered drug release. <b>2016</b> , 68, 436-444	35
1279	Pharmacokinetics and Tissue Distribution of Folate-Decorated Human Serum Albumin Loaded With Nano-Hydroxycamptothecin for Tumor Targeting. <b>2016</b> , 105, 1874-1880	6
1278	Efficient Targeting of Adipose Tissue Macrophages in Obesity with Polysaccharide Nanocarriers. <b>2016</b> , 10, 6952-62	56
1277	PAMAM dendrimer based targeted nano-carrier for bio-imaging and therapeutic agents. <b>2016</b> , 6, 63761-63772	33
1276	Combining Stimulus-Triggered Release and Active Targeting Strategies Improves Cytotoxicity of Cytochrome c Nanoparticles in Tumor Cells. <b>2016</b> , 13, 2844-54	22
1275	Novel folate-targeted docetaxel-loaded nanoparticles for tumour targeting: in vitro and in vivo evaluation. <b>2016</b> , 6, 64306-64314	4
1274	Emerging nanomedicine approaches fighting tumor metastasis: animal models, metastasis-targeted drug delivery, phototherapy, and immunotherapy. <b>2016</b> , 45, 6250-6269	286
1273	Effects of surface modification of upconversion nanoparticles on cellular uptake and cytotoxicity. <b>2016</b> , 32, 474-479	11
1272	Effects of vascularization on cancer nanochemotherapy outcomes. <b>2016</b> , 455, 79-91	
1271	Osmolarity: A hidden factor in Nanotoxicology. <b>2016</b> , 24, 9	1
1270	Preparation of magnetic mesoporous silica nanoparticles as a multifunctional platform for potential drug delivery and hyperthermia. <b>2016</b> , 17, 229-238	52
1269	Cellular internalisation, bioimaging and dark and photodynamic cytotoxicity of silica nanoparticles doped by {Mol} metal clusters. <b>2016</b> , 4, 4839-4846	80
1268	Chemotherapeutic copolymers prepared via the RAFT polymerization of prodrug monomers. <b>2016</b> , 7, 4494-4505	17
1267	Improving ovarian cancer imaging with LHRH-NBs: an experimental study. <b>2016</b> , 294, 631-8	2
1266	Surface-functionalized polyurethane nanoparticles for targeted cancer therapy. <b>2016</b> , 65, 770-779	9
1265	Synthesis of star-branched PLA-b-PMPC copolymer micelles as long blood circulation vectors to enhance tumor-targeted delivery of hydrophobic drugs in vivo. <b>2016</b> , 180, 184-194	21
1264	Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. <b>2016</b> , 103, 44-55	76

1263	Applications of nanoparticle drug delivery systems for the reversal of multidrug resistance in cancer. <b>2016</b> , 12, 11-15	41
1262	Facile Generation of Tumor-pH-Labile Linkage-Bridged Block Copolymers for Chemotherapeutic Delivery. <b>2016</b> , 55, 1010-4	115
1261	Synergistic antiproliferative effects of methotrexate-loaded smart silica nanocomposites in MDA-MB-231 breast cancer cells. <b>2016</b> , 44, 603-9	7
1260	Nanocarriers for cancer-targeted drug delivery. <b>2016</b> , 24, 179-91	272
1259	Enhanced tolerance and antitumor efficacy by docetaxel-loaded albumin nanoparticles. <b>2016</b> , 23, 2686-2696	36
1258	Orlistat and antisense-miRNA-loaded PLGA-PEG nanoparticles for enhanced triple negative breast cancer therapy. <b>2016</b> , 11, 235-47	40
1257	Imaging-guided delivery of RNAi for anticancer treatment. <b>2016</b> , 104, 44-60	85
1256	Breast Cancer. <b>2016</b> ,	4
1255	Revisiting the role of nanoparticles as modulators of drug resistance and metabolism in cancer. <b>2016</b> , 12, 281-9	17
1254	One-pot system for synthesis, assembly, and display of functional single-span membrane proteins on oil-water interfaces. <b>2016</b> , 113, 608-13	7
1253	Carbon nanotubes from synthesis to in vivo biomedical applications. <b>2016</b> , 501, 278-99	147
1252	Cell and nanoparticle transport in tumour microvasculature: the role of size, shape and surface functionality of nanoparticles. <b>2016</b> , 6, 20150086	64
1251	Nanotechnology-based strategies for combating toxicity and resistance in melanoma therapy. <b>2016</b> , 34, 565-577	28
1250	Identification of pancreatic tumors in vivo with ligand-targeted, pH responsive mesoporous silica nanoparticles by multispectral optoacoustic tomography. <b>2016</b> , 231, 60-7	57
1249	Emergence of liposome as targeted magic bullet for inflammatory disorders: current state of the art. <b>2016</b> , 44, 1597-608	43
1248	Simple bioconjugate chemistry serves great clinical advances: albumin as a versatile platform for diagnosis and precision therapy. <b>2016</b> , 45, 1432-56	215
1247	Multifunctionalized iron oxide nanoparticles for selective drug delivery to CD44-positive cancer cells. <b>2016</b> , 27, 065103	82
1246	Smart micro/nanoparticles in stimulus-responsive drug/gene delivery systems. <b>2016</b> , 45, 1457-501	916

1245	A bimodal molecular imaging probe based on chitosan encapsulated magneto-fluorescent nanocomposite offers biocompatibility, visualization of specific cancer cells in vitro and lung tissues in vivo. <b>2016</b> , 498, 110-8	18
1244	In-vitro evaluation of layered double hydroxide $\beta$ -Fe <sub>3</sub> O <sub>4</sub> magnetic nanohybrids for thermo-chemotherapy. <b>2016</b> , 40, 423-433	29
1243	Preparation of HIFU-triggered tumor-targeted hyaluronic acid micelles for controlled drug release and enhanced cellular uptake. <b>2016</b> , 143, 27-36	33
1242	Single Cell Photoacoustic Microscopy: A Review. <b>2016</b> , 22, 137-151	89
1241	Basics of Theranostics in Tumor. <b>2016</b> , 43-53	
1240	Near-infrared light-triggered thermochemotherapy of cancer using a polymer-gold nanorod conjugate. <b>2016</b> , 27, 175102	20
1239	Redox-responsive flower-like micelles of poly(l-lactic acid)-b-poly(ethylene glycol)-b-poly(l-lactic acid) for intracellular drug delivery. <b>2016</b> , 90, 351-362	27
1238	Lipid Raft-Mediated Membrane Tethering and Delivery of Hydrophobic Cargos from Liquid Crystal-Based Nanocarriers. <b>2016</b> , 27, 982-93	12
1237	Doxorubicin-loaded ionic liquid $\beta$ -polydopamine nanoparticles for combined chemotherapy and microwave thermal therapy of cancer. <b>2016</b> , 6, 32434-32440	34
1236	Phytoestrogen Suppresses Efflux of the Diagnostic Marker Protoporphyrin IX in Lung Carcinoma. <b>2016</b> , 76, 1837-46	10
1235	The use of polymer-based nanoparticles and nanostructured materials in treatment and diagnosis of cardiovascular diseases: Recent advances and emerging designs. <b>2016</b> , 57, 153-178	38
1234	Design and Fabrication of Multifunctional Sericin Nanoparticles for Tumor Targeting and pH-Responsive Subcellular Delivery of Cancer Chemotherapy Drugs. <b>2016</b> , 8, 6577-85	68
1233	Ternary-responsive magnetic nanocarriers for targeted delivery of thiol-containing anticancer drugs. <b>2016</b> , 40, 3561-3570	27
1232	Elucidating the Mechanism of Silica Nanoparticle PEGylation Processes Using Fluorescence Correlation Spectroscopies. <b>2016</b> , 28, 1537-1545	60
1231	A duplex DNA-gold nanoparticle probe composed as a colorimetric biosensor for sequence-specific DNA-binding proteins. <b>2016</b> , 141, 2040-5	14
1230	A comparison of gold nanoparticle surface co-functionalization approaches using Polyethylene Glycol (PEG) and the effect on stability, non-specific protein adsorption and internalization. <b>2016</b> , 62, 710-8	28
1229	Cellulose conjugated FITC-labelled mesoporous silica nanoparticles: intracellular accumulation and stimuli responsive doxorubicin release. <b>2016</b> , 8, 5089-97	47
1228	Recent achievements in colorectal cancer diagnostic and therapy by the use of nanoparticles. <b>2016</b> , 48, 27-46	7

1227	Multilayer Coating of Tetrandrine-loaded PLGA nanoparticles: Effect of surface charges on cellular uptake rate and drug release profile. <b>2016</b> , 36, 14-20	6
1226	Co-delivery of peptide-modified cisplatin and doxorubicin via mucoadhesive nanocapsules for potential synergistic intravesical chemotherapy of non-muscle-invasive bladder cancer. <b>2016</b> , 84, 103-15	22
1225	Targeted Mesoporous Silica Nanoparticles Delivering Arsenic Trioxide with Environment Sensitive Drug Release for Effective Treatment of Triple Negative Breast Cancer. <b>2016</b> , 2, 501-507	46
1224	Intracellular Delivery of Fluorescently Labeled Polysaccharide Nanoparticles to Cultured Breast Cancer Cells. <b>2016</b> , 1406, 289-302	
1223	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. <b>2016</b> , 165-204	
1222	. <b>2016</b> , 15, 248-254	22
1221	In vivo magnetic resonance and fluorescence dual imaging of tumor sites by using dye-doped silica-coated iron oxide nanoparticles. <b>2016</b> , 18, 1	16
1220	pH-Triggered Release of Hydrophobic Molecules from Self-Assembling Hybrid Nanoscaffolds. <b>2016</b> , 17, 1425-36	18
1219	Cyclic RGDfK Peptide Functionalized Polymeric Nanocarriers for Targeting Gemcitabine to Ovarian Cancer Cells. <b>2016</b> , 13, 1491-500	32
1218	Emerging aspects of nanotoxicology in health and disease: From agriculture and food sector to cancer therapeutics. <b>2016</b> , 91, 42-57	88
1217	Plasmonic Nanobubble-Controlled on Demand Drug Delivery and Release with High Target Cell Specificity. <b>2016</b> , 213-252	
1216	Nanoparticle-induced phenomena in polyurethanes. <b>2016</b> , 171-194	9
1215	Probing suitable therapeutic nanoparticles for controlled drug delivery and diagnostic reproductive health biomarker development. <b>2016</b> , 61, 235-45	7
1214	Fabrication of doxorubicin nanoparticles by controlled antisolvent precipitation for enhanced intracellular delivery. <b>2016</b> , 139, 249-58	23
1213	Theranostic gas-generating nanoparticles for targeted ultrasound imaging and treatment of neuroblastoma. <b>2016</b> , 223, 197-206	58
1212	Nanoparticle systems reduce systemic toxicity in cancer treatment. <b>2016</b> , 11, 103-6	52
1211	Advances in Nanotheranostics I. <b>2016</b> ,	2
1210	Nanomedicine for Treatment of Lung Cancer. <b>2016</b> , 890, 137-47	46

1209	Optimization of Phospholipid Nanoparticle Formulations Using Response Surface Methodology. <b>2016</b> , 19, 67-74	7
1208	Functional Dendritic Polymer-Based Nanoscale Vehicles for Imaging-Guided Cancer Therapy. <b>2016</b> , 271-299	
1207	Spontaneous arrangement of a tumor targeting hyaluronic acid shell on irinotecan loaded PLGA nanoparticles. <b>2016</b> , 140, 400-7	28
1206	Elastin-like polypeptides: Therapeutic applications for an emerging class of nanomedicines. <b>2016</b> , 240, 93-108	85
1205	Lung Cancer and Personalized Medicine: Novel Therapies and Clinical Management. <b>2016</b> ,	1
1204	Remote triggering of thermoresponsive PNIPAM by iron oxide nanoparticles. <b>2016</b> , 6, 5641-5652	10
1203	Polymer assembly: Promising carriers as co-delivery systems for cancer therapy. <b>2016</b> , 58, 1-26	76
1202	Evaluation of Curcumin Capped Copper Nanoparticles as Possible Inhibitors of Human Breast Cancer Cells and Angiogenesis: a Comparative Study with Native Curcumin. <b>2016</b> , 17, 1030-41	33
1201	"Combo" nanomedicine: Co-delivery of multi-modal therapeutics for efficient, targeted, and safe cancer therapy. <b>2016</b> , 98, 3-18	317
1200	Polymeric nanoparticles for targeted drug delivery system for cancer therapy. <b>2016</b> , 60, 569-578	394
1199	Folate Receptor-Targeted Polymeric Micellar Nanocarriers for Delivery of Orlistat as a Repurposed Drug against Triple-Negative Breast Cancer. <b>2016</b> , 15, 221-31	57
1198	The impact of sphingosine kinase inhibitor-loaded nanoparticles on bioelectrical and biomechanical properties of cancer cells. <b>2016</b> , 16, 188-98	19
1197	Raloxifene nanomicelles reduce the growth of castrate-resistant prostate cancer. <b>2016</b> , 24, 441-9	10
1196	Initial Evaluation of the Safety of Nanoshell-Directed Photothermal Therapy in the Treatment of Prostate Disease. <b>2016</b> , 35, 38-46	116
1195	Preparation and in vivo/in vitro evaluation of formononetin phospholipid/vitamin E TPGS micelles. <b>2016</b> , 24, 161-8	23
1194	Quantification of DOX bioavailability in biological samples of mice by sensitive and precise HPLC assay. <b>2016</b> , 54, 55-61	11
1193	Radiolabelled nanoparticles: novel classification of radiopharmaceuticals for molecular imaging of cancer. <b>2016</b> , 24, 91-101	23
1192	Pharmacokinetics and tissue distribution of larotaxel in rats: comparison of larotaxel solution with larotaxel-loaded folate receptor-targeting amphiphilic copolymer-modified liposomes. <b>2017</b> , 47, 416-422	3

1191	Biotin decorated PLGA nanoparticles containing SN-38 designed for cancer therapy. <b>2017</b> , 45, 495-504	32
1190	Tumor delivery of liposomal doxorubicin prepared with poly-L-glutamic acid as a drug-trapping agent. <b>2017</b> , 27, 99-107	9
1189	Tissue deposition and toxicological effects of commercially significant rare earth oxide nanomaterials: Material and physical properties. <b>2017</b> , 32, 904-917	16
1188	Enzyme responsive nucleotide functionalized silver nanoparticles with effective antimicrobial and anticancer activity. <b>2017</b> , 41, 1538-1548	29
1187	Theranostic hexosomes for cancer treatments: an in vitro study. <b>2017</b> , 41, 1558-1565	26
1186	Protein corona composition of poly(ethylene glycol)- and poly(phosphoester)-coated nanoparticles correlates strongly with the amino acid composition of the protein surface. <b>2017</b> , 9, 2138-2144	67
1185	Biodegradable nanoparticles as nanomedicines: are drug-loading content and release mechanism dictated by particle density?. <b>2017</b> , 295, 1271-1280	13
1184	Light-responsive CO bubble-generating polymeric micelles for tumor cell ablation. <b>2017</b> , 8, 405-407	4
1183	Acidic pH with coordinated reduction of basic fibroblast growth factor maintains the glioblastoma stem cell-like phenotype in vitro. <b>2017</b> , 123, 634-641	5
1182	Characterization of a triblock copolymer, poly(ethylene glycol)-polylactide-poly(ethylene glycol), with different structures for anticancer drug delivery applications. <b>2017</b> , 74, 1595-1609	7
1181	Concise Review: Emerging Drugs Targeting Epithelial Cancer Stem-Like Cells. <b>2017</b> , 35, 839-850	27
1180	NanoSOSG: A Nanostructured Fluorescent Probe for the Detection of Intracellular Singlet Oxygen. <b>2017</b> , 129, 2931-2934	7
1179	NanoSOSG: A Nanostructured Fluorescent Probe for the Detection of Intracellular Singlet Oxygen. <b>2017</b> , 56, 2885-2888	55
1178	Large-Pore Functionalized Mesoporous Silica Nanoparticles as Drug Delivery Vector for a Highly Cytotoxic Hybrid Platinum-Acridine Anticancer Agent. <b>2017</b> , 23, 3386-3397	18
1177	Nanodrug delivery systems for targeting the endogenous tumor microenvironment and simultaneously overcoming multidrug resistance properties. <b>2017</b> , 251, 49-67	74
1176	Glyco-decorated tobacco mosaic virus as a vector for cisplatin delivery. <b>2017</b> , 5, 2078-2085	24
1175	Cell physiology regulation by hypoxia inducible factor-1: Targeting oxygen-related nanomachineries of hypoxic cells. <b>2017</b> , 99, 46-62	22
1174	Engineering approaches in siRNA delivery. <b>2017</b> , 525, 343-358	14

1173	Nanomedicine approaches to improve cancer immunotherapy. <b>2017</b> , 9, e1456	29
1172	Drug releasing nanoplatforms activated by alternating magnetic fields. <b>2017</b> , 1861, 1617-1641	68
1171	Design of lipid-polymer hybrid nanoparticles for therapy of BPH: Part I. Formulation optimization using a design of experiment approach. <b>2017</b> , 39, 16-27	23
1170	Spectroscopic studies on the interactions of bovine serum albumin in presence of silver nanorods. <b>2017</b> , 232, 251-257	12
1169	Polymeric micelles based on PEGylated chitosan-g-lipoic acid as carrier for efficient intracellular drug delivery. <b>2017</b> , 31, 1039-1048	11
1168	Multifunctional biocompatible chitosan-polypyrrole nanocomposites as novel agents for photoacoustic imaging-guided photothermal ablation of cancer. <b>2017</b> , 7, 43593	58
1167	Improved Targeting of Cancers with Nanotherapeutics. <b>2017</b> , 1530, 13-37	9
1166	Redox and pH-responsive gold nanoparticles as a new platform for simultaneous triple anti-cancer drugs targeting. <b>2017</b> , 520, 126-138	42
1165	Designing nanomedicine for immuno-oncology. <b>2017</b> , 1,	138
1164	Influence of designer self-assembling nanofiber scaffolds containing anti-cancer peptide motif on hepatoma carcinoma cells. <b>2017</b> , 105, 2329-2334	3
1163	Supercritical CO <sub>2</sub> assisted liposomes formation: Optimization of the lipidic layer for an efficient hydrophilic drug loading. <b>2017</b> , 18, 181-188	37
1162	Artificial Chemical Reporter Targeting Strategy Using Bioorthogonal Click Reaction for Improving Active-Targeting Efficiency of Tumor. <b>2017</b> , 14, 1558-1570	33
1161	Folate receptor-targeted hybrid lipid-core nanocapsules for sequential delivery of doxorubicin and tanespimycin. <b>2017</b> , 155, 83-92	14
1160	The Molecular Genetic Expression as a Novel Biomarker in the Evaluation and Monitoring of Patients With Osteosarcoma-Subtype Bone Cancer Disease. <b>2017</b> , 55, 291-299	13
1159	P-gp modulatory acetyl-11-keto- $\beta$ -boswellic acid based nanoemulsified carrier system for augmented oral chemotherapy of docetaxel. <b>2017</b> , 155, 276-286	13
1158	Self-assembled nanocomplex between polymerized phenylboronic acid and doxorubicin for efficient tumor-targeted chemotherapy. <b>2017</b> , 38, 848-858	23
1157	Plant viruses and bacteriophages for drug delivery in medicine and biotechnology. <b>2017</b> , 38, 108-116	69
1156	In Vivo Anticancer Efficacy and Toxicity Studies of a Novel Polymer Conjugate N-Acetyl Glucosamine (NAG)-PEG-Doxorubicin for Targeted Cancer Therapy. <b>2017</b> , 18, 3021-3033	7

1155	Folate-conjugated thermosensitive O-maleoyl modified chitosan micellar nanoparticles for targeted delivery of erlotinib. <b>2017</b> , 172, 130-141	47
1154	Mitochondria-Targeting Polydopamine Nanoparticles To Deliver Doxorubicin for Overcoming Drug Resistance. <b>2017</b> , 9, 16793-16802	98
1153	Nanostructured lipid carriers employing polyphenols as promising anticancer agents: Quality by design (QbD) approach. <b>2017</b> , 526, 506-515	58
1152	Biocompatible nanogel derived from functionalized dextrin for targeted delivery of doxorubicin hydrochloride to MG 63 cancer cells. <b>2017</b> , 171, 27-38	31
1151	Enhancement of temozolomide stability by loading in chitosan-carboxylated polylactide-based nanoparticles. <b>2017</b> , 19, 71	18
1150	Terbium content affects the luminescence properties of ZrO <sub>2</sub> :Tb nanoparticles for mammary cancer imaging in mice. <b>2017</b> , 74, 16-26	12
1149	Synthesis characterization and biological evaluation of alginate nanoparticle for the targeted delivery of curcumin. <b>2017</b> , 78, 1125-1134	24
1148	Self-assembled core-polyethylene glycol-lipid shell nanoparticles demonstrate high stability in shear flow. <b>2017</b> , 19, 13294-13306	19
1147	Quantitative Examination of the Active Targeting Effect: The Key Factor for Maximal Tumor Accumulation and Retention of Short-Circulated Biopolymeric Nanocarriers. <b>2017</b> , 28, 1351-1355	6
1146	Comparison of Tumor Penetration of Podophyllotoxin-Carboxymethylcellulose Conjugates with Various Chemical Compositions in Tumor Spheroid Culture and In Vivo Solid Tumor. <b>2017</b> , 28, 1505-1518	23
1145	Design and Applications of Nanoparticles in Biomedical Imaging. <b>2017</b> ,	9
1144	Applications of deep eutectic solvents in biotechnology and bioengineering-Promises and challenges. <b>2017</b> , 35, 105-134	239
1143	Development and characterisation of disulfiram-loaded PLGA nanoparticles for the treatment of non-small cell lung cancer. <b>2017</b> , 112, 224-233	39
1142	Combination therapy with doxorubicin-loaded galactosylated poly(ethyleneglycol)-lithocholic acid to suppress the tumor growth in an orthotopic mouse model of liver cancer. <b>2017</b> , 116, 130-144	32
1141	Targeting integrin-rich tumors with temoporfin-loaded vitamin-E-succinate-grafted chitosan oligosaccharide/d- $\alpha$ -tocopheryl polyethylene glycol 1000 succinate nanoparticles to enhance photodynamic therapy efficiency. <b>2017</b> , 528, 287-298	14
1140	Dendritic-cell-based immunotherapy evokes potent anti-tumor immune responses in CD105+ human renal cancer stem cells. <b>2017</b> , 56, 2499-2511	10
1139	Nanohydrogels: History, Development, and Applications in Drug Delivery. <b>2017</b> , 297-330	9
1138	Taxane-Grafted Metal-Oxide Nanoparticles as a New Theranostic Tool against Cancer: The Promising Example of Docetaxel-Functionalized Titanate Nanotubes on Prostate Tumors. <b>2017</b> , 6, 1700245	17



1137	Serum Protein Adsorption Enhances Active Leukemia Stem Cell Targeting of Mesoporous Silica Nanoparticles. <b>2017</b> , 9, 18566-18574	30
1136	Core-shell drug carriers: liposomes, polymersomes, and niosomes. <b>2017</b> , 63-105	9
1135	Recent advances in nanomedicines for the treatment of rheumatoid arthritis. <b>2017</b> , 5, 1407-1420	61
1134	Effect of the synthesis method on the performance of Fe <sub>3</sub> O <sub>4</sub> /inositol hexaphosphate as a drug delivery vehicle for combination therapeutics with doxorubicin. <b>2017</b> , 41, 5305-5312	6
1133	New methods in the diagnosis of cancer and gene therapy of cancer based on nanoparticles. <b>2017</b> , 24, 233-243	61
1132	Lipid-Based Nanocarriers in Cancer Therapy. <b>2017</b> , 51-66	1
1131	In vitro antioxidant and antidiabetic activities of zinc oxide nanoparticles synthesized using different plant extracts. <b>2017</b> , 40, 943-957	76
1130	Dynamic covalent linked triblock copolymer micelles for glutathione-mediated intracellular drug delivery. <b>2017</b> , 77, 34-44	11
1129	Metal-Organic Framework/Graphene Quantum Dot Nanoparticles Used for Synergistic Chemo- and Photothermal Therapy. <b>2017</b> , 2, 1249-1258	99
1128	Selective intracellular vaporisation of antibody-conjugated phase-change nano-droplets in vitro. <b>2017</b> , 7, 44077	15
1127	A toxicity assessment of hydroxyapatite nanoparticles on development and behaviour of <i>Drosophila melanogaster</i> . <b>2017</b> , 19, 1	44
1126	Photophysics of covalently functionalized single wall carbon nanotubes with verteporfin. <b>2017</b> , 417, 170-174	4
1125	Progress in nonviral gene therapy for breast cancer and what comes next?. <b>2017</b> , 17, 595-611	24
1124	Design and evaluation of a phospholipase D based drug delivery strategy of novel phosphatidyl-prodrug. <b>2017</b> , 131, 1-14	12
1123	Therapeutic Nanoparticles Based on Curcumin and Bamboo Charcoal Nanoparticles for Chemo-Photothermal Synergistic Treatment of Cancer and Radioprotection of Normal Cells. <b>2017</b> , 9, 14281-14291	55
1122	Metal-Organic Framework (MOF)-Based Drug/Cargo Delivery and Cancer Therapy. <b>2017</b> , 29, 1606134	1172
1121	Mesoporous iron-carboxylate metal-organic frameworks synthesized by the double-template method as a nanocarrier platform for intratumoral drug delivery. <b>2017</b> , 5, 1032-1040	14
1120	Phenylboronic acid-incorporated elastin-like polypeptide nanoparticle drug delivery systems. <b>2017</b> , 8, 2105-2114	12

1119	Dual-sensitive and biodegradable core-crosslinked HPMA copolymer- $\alpha$ -oxorubicin conjugate-based nanoparticles for cancer therapy. <b>2017</b> , 8, 2370-2380	22
1118	Mitochondrial oxidative stress and dysfunction induced by single- and multiwall carbon nanotubes: A comparative study. <b>2017</b> , 105, 2047-2055	20
1117	Gold nanoparticles, radiations and the immune system: Current insights into the physical mechanisms and the biological interactions of this new alliance towards cancer therapy. <b>2017</b> , 178, 1-17	40
1116	Surface area, volume and shape descriptors as a novel tool for polymer lead design and discovery. <b>2017</b> , 102, 188-195	6
1115	Targeted delivery of epirubicin to tumor-associated macrophages by sialic acid-cholesterol conjugate modified liposomes with improved antitumor activity. <b>2017</b> , 523, 203-216	57
1114	CDC20siRNA and paclitaxel co-loaded nanometric liposomes of a nipecotic acid-derived cationic amphiphile inhibit xenografted neuroblastoma. <b>2017</b> , 9, 1201-1212	17
1113	Theranostic Gold Nanoparticles for CT Imaging. <b>2017</b> , 403-427	6
1112	E-beam crosslinked nanogels conjugated with monoclonal antibodies in targeting strategies. <b>2017</b> , 398, 277-287	13
1111	A systematic investigation of the charging effect in scanning electron microscopy for metal nanostructures on insulating substrates. <b>2017</b> , 265, 287-297	7
1110	A targeted drug delivery system based on dopamine functionalized nano graphene oxide. <b>2017</b> , 668, 56-63	55
1109	An in vitro demonstration of overcoming drug resistance in SKOV3 TR and MCF7 ADR with targeted delivery of polymer pro-drug conjugates. <b>2017</b> , 25, 436-450	3
1108	A Multiresponsive Amphiphilic Supramolecular Diblock Copolymer Based on Pillar[10]arene/Paraquat Complexation for Rate-Tunable Controlled Release. <b>2017</b> , 38, 1600626	20
1107	Design of novel chemotherapeutic delivery systems for colon cancer therapy based on oral polymeric nanoparticles. <b>2017</b> , 8, 29-47	13
1106	Current and evolving approaches for improving the oral permeability of BCS Class III or analogous molecules. <b>2017</b> , 43, 177-189	16
1105	Receptor-Mediated Enhanced Cellular Delivery of Nanoparticles Using Recombinant Receptor-Binding Domain of Diphtheria Toxin. <b>2017</b> , 14, 23-30	12
1104	Thermo-responsive magnetic FeO@P(MEOMA-OEGMA) NPs and their applications as drug delivery systems. <b>2017</b> , 532, 738-747	24
1103	Nanoformulations of albendazole as effective anticancer and antiparasite agents. <b>2017</b> , 12, 2555-2574	11
1102	One-pot synthesis of CaAl-layered double hydroxide- $\alpha$ -methotrexate nanohybrid for anticancer application. <b>2017</b> , 40, 1203-1211	12

1101	Nanomaterial in Diverse Biological Applications. <b>2017</b> , 293-317	
1100	Nanotechnology-Based Immunotherapeutic Strategies for the Treatment of Cancer. <b>2017</b> , 83-115	1
1099	Green Synthesized Gold Nanoparticles for Future Biomedical Applications. <b>2017</b> , 359-393	8
1098	Metabolic Engineering for Bioactive Compounds. <b>2017</b> ,	4
1097	Targeted Delivery System Based on Gemcitabine-Loaded Silk Fibroin Nanoparticles for Lung Cancer Therapy. <b>2017</b> , 9, 31600-31611	61
1096	Nanoparticles-Induced Oxidative Stress. <b>2017</b> , 63-79	1
1095	Phosphorylated $\kappa$ -Carrageenan-Facilitated Chitosan Nanovehicle for Sustainable Anti-Tuberculosis Multi Drug Delivery. <b>2017</b> , 2, 7100-7107	13
1094	Lymphoma Immunochemotherapy: Targeted Delivery of Doxorubicin via a Dual Functional Nanocarrier. <b>2017</b> , 14, 3888-3895	21
1093	A comparative study of the adhesion of biosynthesized gold and conjugated gold/prodigiosin nanoparticles to triple negative breast cancer cells. <b>2017</b> , 28, 143	6
1092	Folate-targeted amphiphilic cyclodextrin nanoparticles incorporating a fusogenic peptide deliver therapeutic siRNA and inhibit the invasive capacity of 3D prostate cancer tumours. <b>2017</b> , 532, 511-518	19
1091	Soluble HLA-associated peptide from PSF1 has a cancer vaccine potency. <b>2017</b> , 7, 11137	6
1090	AS1411 Aptamer-Anionic Linear Globular Dendrimer G2-Iohexol Selective Nano-Theranostics. <b>2017</b> , 7, 11832	44
1089	Self-Assembly of an Amphiphilic Janus Camptothecin-Floxuridine Conjugate into Liposome-Like Nanocapsules for More Efficacious Combination Chemotherapy in Cancer. <b>2017</b> , 29, 1703135	101
1088	Recombinant Synthesis of Hybrid LipidPeptide Polymer Fusions that Self-Assemble and Encapsulate Hydrophobic Drugs. <b>2017</b> , 129, 14167-14172	4
1087	RGD-QD-MoS nanosheets for targeted fluorescent imaging and photothermal therapy of cancer. <b>2017</b> , 9, 15835-15845	70
1086	Bone Marrow Dendritic Cells Derived Microvesicles for Combinational Immunochemotherapy against Tumor. <b>2017</b> , 27, 1703191	31
1085	Mitochondrial-targeted multifunctional mesoporous Au@Pt nanoparticles for dual-mode photodynamic and photothermal therapy of cancers. <b>2017</b> , 9, 15813-15824	54
1084	Spectroscopic study of binding of chlorogenic acid with the surface of ZnO nanoparticles. <b>2017</b> , 91, 1781-1790	2

1083	Recombinant Synthesis of Hybrid Lipid-Peptide Polymer Fusions that Self-Assemble and Encapsulate Hydrophobic Drugs. <b>2017</b> , 56, 13979-13984	34
1082	The reversion of anti-cancer drug antagonism of tamoxifen and docetaxel by the hyaluronic acid-decorated polymeric nanoparticles. <b>2017</b> , 126, 84-96	24
1081	Targeting nano drug delivery to cancer cells using tunable, multi-layer, silver-decorated gold nanorods. <b>2017</b> , 37, 1370-1378	25
1080	Self-assembled polypeptide nanoparticles for intracellular irinotecan delivery. <b>2017</b> , 109, 1-12	15
1079	Preparation of particulate polymeric therapeutics for medical applications. <b>2017</b> , 1, 1700147	22
1078	Shear-responsive injectable supramolecular hydrogel releasing doxorubicin loaded micelles with pH-sensitivity for local tumor chemotherapy. <b>2017</b> , 530, 53-62	32
1077	Broad overview of engineering of functional nanosystems for skin delivery. <b>2017</b> , 532, 710-728	38
1076	A polypeptide-mediated synthesis of green fluorescent gold nanoclusters for Fe sensing and bioimaging. <b>2017</b> , 506, 386-392	37
1075	Conjugated Polymer Nanoparticles toward In Vivo Theranostics - Focus on Targeting, Imaging, Therapy, and the Importance of Clearance. <b>2017</b> , 1, e1700100	21
1074	Construction of a Supramolecular Drug-Drug Delivery System for Non-Small-Cell Lung Cancer Therapy. <b>2017</b> , 9, 29505-29514	44
1073	RGD Peptide-Based Target Drug Delivery of Doxorubicin Nanomedicine. <b>2017</b> , 78, 283-291	52
1072	Silicon Phthalocyanines Axially Disubstituted with Erlotinib toward Small-Molecular-Target-Based Photodynamic Therapy. <b>2017</b> , 12, 1504-1511	11
1071	Nanoparticles of Various Degrees of Hydrophobicity Interacting with Lipid Membranes. <b>2017</b> , 8, 4069-4076	30
1070	Combined photothermal-chemotherapy of breast cancer by near infrared light responsive hyaluronic acid-decorated nanostructured lipid carriers. <b>2017</b> , 28, 435102	8
1069	Strategies for Functionalizing Lipoprotein-Based Nanoparticles. <b>2017</b> , 131-150	1
1068	Dendritic-Polymer-Based Nanomaterials for Cancer Diagnosis and Therapy. <b>2017</b> , 403-428	
1067	CuS-Based Theranostic Micelles for NIR-Controlled Combination Chemotherapy and Photothermal Therapy and Photoacoustic Imaging. <b>2017</b> , 9, 41700-41711	57
1066	Biocompatible Nanoparticles for Selective Drug Release at Cancer Cells. <b>2017</b> , 231-247	

- 1065 Current prospects and challenges of nanomedicine delivery in prostate cancer therapy. **2017**, 12, 2675-2692 9
- 1064 Thermosensitive block copolymer [(PNIPAM)-b-(Glycine)] thin film as protective layer for drug loaded mesoporous silica nanoparticles. **2017**, 4, 105306 15
- 1063 Multifunctional Nanomaterials for Cancer Theranostics. **2017**, 227-283
- 1062 Controlling the length of self-assembled nanotubes by sonication followed by polymer wrapping. **2017**, 53, 12806-12809 8
- 1061 A comparative in vitro release study of raloxifene encapsulated ordered MCM-41 and MCM-48 nanoparticles: A dissolution kinetics study in simulated and biorelevant media. **2017**, 41, 31-44 25
- 1060 Sub-100nm, long tumor retention SN-38-loaded photonic micelles for tri-modal cancer therapy. **2017**, 261, 297-306 25
- 1059 Design and in vitro evaluation of self-assembled indometacin prodrug nanoparticles for sustained/controlled release and reduced normal cell toxicity. **2017**, 425, 674-681 7
- 1058 Cancer therapies: applications, nanomedicines and nanotoxicology. **2017**, 241-260 2
- 1057 Multifunctional nanodiamonds in regenerative medicine: Recent advances and future directions. **2017**, 261, 62-86 71
- 1056 The development of anticancer ruthenium(ii) complexes: from single molecule compounds to nanomaterials. **2017**, 46, 5771-5804 573
- 1055 Sustained release from a metal - Analgesics entrapped within biocidal silver. **2017**, 7, 4161 13
- 1054 Andrographolide-loaded polymerized phenylboronic acid nanoconstruct for stimuli-responsive chemotherapy. **2017**, 259, 203-211 26
- 1053 Tumor-targeted nanotherapeutics: overcoming treatment barriers for glioblastoma. **2017**, 9, e1439 41
- 1052 Nanomaterials and their Classification. **2017**, 3-45 21
- 1051 Modulating Drug Release Rate from Partially Silica-Coated Bicellar Nanodisc by Incorporating PEGylated Phospholipid. **2017**, 28, 53-63 18
- 1050 Drug self-delivery systems for cancer therapy. **2017**, 112, 234-247 341
- 1049 Date Fruits-Assisted Synthesis and Biocompatibility Assessment of Nickel Oxide Nanoparticles Anchored onto Graphene Sheets for Biomedical Applications. **2017**, 181, 725-734 9
- 1048 Improved Micellar Formulation for Enhanced Delivery for Paclitaxel. **2017**, 14, 31-41 9

1047	Photo- and thermo-responsive multicompart ment hydrogels for synergistic delivery of gemcitabine and doxorubicin. <b>2017</b> , 259, 149-159	68
1046	Tumor-targeted nanomedicines for cancer theranostics. <b>2017</b> , 115, 87-95	139
1045	Simple fabrication of eptifibatide stabilized gold nanoclusters with enhanced green fluorescence as biocompatible probe for in vitro cellular imaging. <b>2017</b> , 241, 1057-1062	22
1044	Recombinant human granulocyte macrophage colony stimulating factor (hGM-CSF): Possibility of nanoparticle-mediated delivery in cancer immunotherapy. <b>2017</b> , 8, 120-123	7
1043	Protein-Based Multifunctional Nanocarriers for Imaging, Photothermal Therapy, and Anticancer Drug Delivery. <b>2017</b> , 9, 19495-19501	48
1042	Hyaluronic acid-conjugated silica nanoparticles for breast cancer therapy. <b>2017</b> , 47, 777-782	9
1041	Mucoadhesive Chitosan-Pectinate Nanoparticles for the Delivery of Curcumin to the Colon. <b>2017</b> , 18, 1009-1018	31
1040	Effect of loading 5-phenyl-4H-1,2,4-triazole-3-thiol onto polypyrrole chitosan core shell nanoparticles on release rate, antimicrobial, and antitumor activities. <b>2017</b> , 32, 111-127	1
1039	Folic acid-conjugated polyethylene glycol-coated magnetic nanoparticles for doxorubicin delivery in cancer chemotherapy: Preparation, characterization and cytotoxicity on HeLa cell line. <b>2017</b> , 36, 833-845	7
1038	Synthesis, structural characterization, and antiproliferative/cytotoxic effects of a novel modified poly(maleic anhydride-co-vinyl acetate)/doxorubicin conjugate. <b>2017</b> , 74, 2159-2184	5
1037	Structural and rheological characterizations of nanoparticles of environment-sensitive hydrophobic alginate in aqueous solution. <b>2017</b> , 70, 617-627	10
1036	Nanomedicine-based intraperitoneal therapy for the treatment of peritoneal carcinomatosis - Mission possible?. <b>2017</b> , 108, 13-24	57
1035	Smart micelleplexes as a new therapeutic approach for RNA delivery. <b>2017</b> , 14, 353-371	20
1034	Cancer stem cell-targeted therapeutics and delivery strategies. <b>2017</b> , 14, 997-1008	20
1033	Local pH Monitoring of Small Cluster of Cells using a Fiber-Optic Dual-Core Micro-Probe. <b>2017</b> , 241, 398-405	11
1032	Particulate Technology for Delivery of Therapeutics. <b>2017</b> ,	4
1031	Cancer nanomedicine: a review of recent success in drug delivery. <b>2017</b> , 6, 44	503
1030	The development of ruthenium(ii) polypyridyl complexes and conjugates for in vitro cellular and in vivo applications. <b>2017</b> , 46, 7706-7756	240

1029	Metal Nanoparticles and Their Toxicity. <b>2017</b> , 237-293	1
1028	Medicinal Applications of Metal Nanoparticles. <b>2017</b> , 67-119	2
1027	Metal Nanoparticles in Nanomedicine: Advantages and Scope. <b>2017</b> , 121-168	3
1026	Metal Nanoparticles and Their Toxicity. <b>2017</b> , 203-259	
1025	Ursolic acid nanoparticles inhibit cervical cancer growth in vitro and in vivo via apoptosis induction. <b>2017</b> , 50, 1330-1340	34
1024	Using Nanoparticles in Medicine for Liver Cancer Imaging. <b>2017</b> , 32, 269-274	11
1023	Introduction for Design of Nanoparticle Based Drug Delivery Systems. <b>2017</b> , 23, 2108-2112	24
1022	Regulatory Development of Nanotechnology-Based Vaccines. <b>2017</b> , 393-410	2
1021	Anticancer Activities of Surfactin and Potential Application of Nanotechnology Assisted Surfactin Delivery. <b>2017</b> , 8, 761	100
1020	Future trends and emerging issues for nanodelivery systems in oral and oropharyngeal cancer. <b>2017</b> , 12, 4593-4606	28
1019	Intratumoral Delivery of Doxorubicin on Folate-Conjugated Graphene Oxide by In-Situ Forming Thermo-Sensitive Hydrogel for Breast Cancer Therapy. <b>2017</b> , 7,	62
1018	Applications of nanoscale drugs carriers in the treatment of chronic diseases. <b>2017</b> , 37-55	3
1017	Docetaxel-loaded PLGA and PLGA-PEG nanoparticles for intravenous application: pharmacokinetics and biodistribution profile. <b>2017</b> , 12, 935-947	152
1016	Renal-targeted delivery of triptolide by entrapment in pegylated TRX-20-modified liposomes. <b>2017</b> , 12, 5673-5686	19
1015	Biodegradable polymeric nanostructures: design and advances in oral drug delivery for neurodegenerative disorders. <b>2017</b> , 61-86	4
1014	siRNA Delivery Strategies: A Comprehensive Review of Recent Developments. <b>2017</b> , 7,	222
1013	Current applications and future prospects of nanomaterials in tumor therapy. <b>2017</b> , 12, 1815-1825	49
1012	Recent Advances in the Synthesis of Graphene-Based Nanomaterials for Controlled Drug Delivery. <b>2017</b> , 7, 1175	47

1011	Recent Advances in Nanoparticle-Mediated Delivery of Anti-Inflammatory Phytochemicals. <b>2017</b> , 18,	57
1010	Plant Lectins as Medical Tools against Digestive System Cancers. <b>2017</b> , 18,	19
1009	Recent Advances in Hydrogel-Based Drug Delivery for Melanoma Cancer Therapy: A Mini Review. <b>2017</b> , 2017, 7275985	37
1008	Targeted Therapeutic Nanoparticles: An Immense Promise to Fight against Cancer. <b>2017</b> , 2017, 9090325	66
1007	Nanosized Minicells Generated by Lactic Acid Bacteria for Drug Delivery. <b>2017</b> , 2017, 1-10	8
1006	Silver nanoparticles enhance the apoptotic potential of gemcitabine in human ovarian cancer cells: combination therapy for effective cancer treatment. <b>2017</b> , 12, 6487-6502	76
1005	Multifunctional therapeutic hybrid nanocarriers for targeted and triggered drug delivery: recent trends and future prospects. <b>2017</b> , 461-493	
1004	Double-receptor-targeting multifunctional iron oxide nanoparticles drug delivery system for the treatment and imaging of prostate cancer. <b>2017</b> , 12, 6973-6984	34
1003	Solvent/co-solvent effects on the electronic properties and adsorption mechanism of anticancer drug Thioguanine on Graphene oxide surface as a nanocarrier: Density functional theory investigation and a molecular dynamics. <b>2017</b> , 422, 1030-1041	41
1002	Improving chemotherapy drug delivery by nanoprecision tools. <b>2017</b> , 87-128	3
1001	Adding biological function to nonbiological nanoparticles. <b>2017</b> , 497-534	1
1000	Personalized Nanoparticles for Cancer Therapy: A Call for Greater Precision. <b>2017</b> , 17, 1033-1039	9
999	Utilization of Polymeric Nanoparticle in Cancer Treatment: A Review. <b>2017</b> , 04,	4
998	Electrohydrodynamic fabrication of core-shell PLGA nanoparticles with controlled release of cisplatin for enhanced cancer treatment. <b>2017</b> , 12, 3913-3926	33
997	Analysis of the cytotoxicity of hierarchical nanoporous graphenic carbon against human glioblastoma grade IV cells. <b>2017</b> , 12, 3839-3849	2
996	Introductory Chapter: Drug Delivery Concepts. <b>2017</b> ,	3
995	Current Update on the Role of Enhanced Permeability and Retention Effect in Cancer Nanomedicine. <b>2017</b> , 62-109	6
994	Nanotherapeutics in the management of infections and cancer. <b>2017</b> , 163-189	



993	Nanotherapy: a next generation hallmark for combating cancer. <b>2017</b> , 811-830	2
992	Biomedical and drug delivery applications of functionalized inorganic nanomaterials. <b>2017</b> , 325-379	2
991	Nanocarriers in Improving Chemotherapy of Multidrug Resistant Tumors: Key Developments and Perspectives. <b>2017</b> , 23, 3301-3308	7
990	Nanoparticle as a novel tool in hyperthermic intraperitoneal and pressurized intraperitoneal aerosol chemotheprapy to treat patients with peritoneal carcinomatosis. <b>2017</b> , 8, 78208-78224	13
989	In vitro and in vivo evaluation of folate receptor-targeted a novel magnetic drug delivery system for ovarian cancer therapy. <b>2018</b> , 46, 926-937	19
988	Lymph node metastases: importance of detection and treatment strategies. <b>2018</b> , 15, 459-467	15
987	Metal Nanoparticle Array as a Tunable Refractive Index Material over Broad Visible and Infrared Wavelengths. <b>2018</b> , 5, 1188-1195	24
986	Angiotensin-II regulates dosing time-dependent intratumoral accumulation of macromolecular drug formulations via 24-h blood pressure rhythm in tumor-bearing mice. <b>2018</b> , 498, 86-91	1
985	Peptide and protein nanoparticle conjugates: versatile platforms for biomedical applications. <b>2018</b> , 47, 3574-3620	243
984	Fluorescent dyes and probes for super-resolution microscopy of microtubules and tracheoles in living cells and tissues. <b>2018</b> , 9, 3324-3334	47
983	Targeted Delivery of siRNA to Ovarian Cancer Cells Using Functionalized Graphene Oxide. <b>2018</b> , 08, 1850001	2
982	Spherical and Worm-Like Micelles from Fructose-Functionalized Polyether Block Copolymers. <b>2018</b> , 18, e1700396	7
981	Enzyme-sensitive biodegradable and multifunctional polymeric conjugate as theranostic nanomedicine. <b>2018</b> , 11, 207-218	85
980	Radionuclide Imaging-Guided Chemo-Radioisotope Synergistic Therapy Using a I-Labeled Polydopamine Multifunctional Nanocarrier. <b>2018</b> , 26, 1385-1393	25
979	Magnetic nanoparticles based cancer therapy: current status and applications. <b>2018</b> , 61, 400-414	55
978	Cooperativity Principles in Self-Assembled Nanomedicine. <b>2018</b> , 118, 5359-5391	94
977	Preventing preterm birth: New approaches to labour therapeutics using Nanoparticles. <b>2018</b> , 52, 48-59	4
976	White-light-emitting NaYF <sub>4</sub> Nanoplatform for NIR Upconversion-mediated Photodynamic Therapy and Bioimaging. <b>2018</b> , 4, 583-595	14

975	Folic acid functionalized PEG coated magnetic nanoparticles for targeting anti-cancer drug delivery: Preparation, characterization and cytotoxicity on Doxorubicin, Zoledronic acid and Paclitaxel resistant MCF-7 breast cancer cell lines. <b>2018</b> , 48, 150-159	7
974	Overcoming Ovarian Cancer Drug Resistance with a Cold Responsive Nanomaterial. <b>2018</b> , 4, 567-581	36
973	Remote-Loaded Platelet Vesicles for Disease-Targeted Delivery of Therapeutics. <b>2018</b> , 28, 1801032	43
972	LiF@SiO <sub>2</sub> nanocapsules for controlled lithium release and osteoarthritis treatment. <b>2018</b> , 11, 5751-5760	4
971	Radiant star nanoparticle prodrugs for the treatment of intracellular alveolar infections. <b>2018</b> , 9, 2134-2146	8
970	Aptamers as targeting ligands and therapeutic molecules for overcoming drug resistance in cancers. <b>2018</b> , 134, 107-121	46
969	Cyclic RGD-Coated Ultrasmall Gd <sub>2</sub> O <sub>3</sub> Nanoparticles as Tumor-Targeting Positive Magnetic Resonance Imaging Contrast Agents. <b>2018</b> , 2018, 3070-3079	9
968	In vitro characterization of pH-sensitive Bletilla Striata polysaccharide copolymer micelles and enhanced tumour suppression in vivo. <b>2018</b> , 70, 797-807	13
967	Photoswitchable Molecules in Long-Wavelength Light-Responsive Drug Delivery: From Molecular Design to Applications. <b>2018</b> , 30, 2873-2887	100
966	Cell Membrane Coating Nanotechnology. <b>2018</b> , 30, e1706759	592
965	Tumor-targeting and pH-responsive nanoparticles from hyaluronic acid for the enhanced delivery of doxorubicin. <b>2018</b> , 113, 737-747	50
964	Preparation and physicochemical characterization of camptothecin conjugated poly amino ester-methyl ether poly ethylene glycol copolymer.. <b>2018</b> , 8, 12951-12959	1
963	Biological macromolecules based targeted nanodrug delivery systems for the treatment of intracellular infections. <b>2018</b> , 110, 2-6	11
962	Arsenic trioxide: insights into its evolution to an anticancer agent. <b>2018</b> , 23, 313-329	69
961	2D Ultrathin MXene-Based Drug-Delivery Nanoplatform for Synergistic Photothermal Ablation and Chemotherapy of Cancer. <b>2018</b> , 7, e1701394	181
960	Aggregation of polyethylene glycol polymers suppresses receptor-mediated endocytosis of PEGylated liposomes. <b>2018</b> , 10, 4545-4560	46
959	pH Responsive Doxorubicin Delivery by Fluorous Polymers for Cancer Treatment. <b>2018</b> , 15, 2954-2962	20
958	Target-specific delivery of doxorubicin to human glioblastoma cell line via ssDNA aptamer. <b>2018</b> , 43, 97-104	12

957	Targeting murine leukemic stem cells by antibody functionalized mesoporous silica nanoparticles. <b>2018</b> , 8, 989	35
956	Hollow Mesoporous Silica@Metal-Organic Framework and Applications for pH-Responsive Drug Delivery. <b>2018</b> , 13, 400-405	41
955	Targeted production of reactive oxygen species in mitochondria to overcome cancer drug resistance. <b>2018</b> , 9, 562	190
954	Carbon Dioxide-Generating PLG Nanoparticles for Controlled Anti-Cancer Drug Delivery. <b>2018</b> , 35, 59	9
953	Carrier-free nanodrug by co-assembly of chemotherapeutic agent and photosensitizer for cancer imaging and chemo-photo combination therapy. <b>2018</b> , 70, 197-210	47
952	Drug Delivery Vehicles from Stimuli-Responsive Block Copolymers. <b>2018</b> , 239-261	1
951	Biomimetic Nanosponges for Treating Antibody-Mediated Autoimmune Diseases. <b>2018</b> , 29, 870-877	8
950	FA and cRGD dual modified lipid-polymer nanoparticles encapsulating polyaniline and cisplatin for highly effective chemo-photothermal combination therapy. <b>2018</b> , 29, 397-411	20
949	Neoplastic Multifocal Skin Lesions: Biology, Etiology, and Targeted Therapies for Nonmelanoma Skin Cancers. <b>2018</b> , 31, 59-73	11
948	Doxorubicin and rhein loaded nanomicelles attenuates multidrug resistance in human ovarian cancer. <b>2018</b> , 498, 178-185	19
947	Caspase-3/MAPK pathways as main regulators of the apoptotic effect of the phyto-mediated synthesized silver nanoparticle from dried stem of <i>Eleutherococcus senticosus</i> in human cancer cells. <b>2018</b> , 99, 128-133	36
946	Nanoscale metal-organic frameworks for drug delivery: a conventional platform with new promise. <b>2018</b> , 6, 707-717	303
945	pH-responsive polymer in a core-shell magnetic structure as an efficient carrier for delivery of doxorubicin to tumor cells. <b>2018</b> , 67, 967-977	13
944	pH-sensitive biocompatible mesoporous magnetic nanoparticles labeled with folic acid as an efficient carrier for controlled anticancer drug delivery. <b>2018</b> , 44, 323-332	32
943	Recent Advances in Self-assembled Nano-therapeutics. <b>2018</b> , 36, 322-346	26
942	Main-chain polyacetal conjugates with HIF-1 inhibitors: temperature-responsive, pH-degradable drug delivery vehicles. <b>2018</b> , 6, 666-674	11
941	Nanoparticles obtained by confined impinging jet mixer: poly(lactide-co-glycolide) vs. Poly-ε-caprolactone. <b>2018</b> , 44, 934-941	10
940	Osteogenic differentiation of human adipose derived stem cells on chemically crosslinked carbon nanomaterial coatings. <b>2018</b> , 106, 1189-1199	3

939	NANOCARRIER BASED PULMONARY GENE DELIVERY FOR LUNG CANCER: THERAPEUTIC AND IMAGING APPROACHES. <b>2018</b> , 89-136	
938	Combination drug delivery via multilamellar vesicles enables targeting of tumor cells and tumor vasculature. <b>2018</b> , 115, 1403-1415	24
937	Targeting Pyruvate Kinase M2, $\beta$ -Catenin Signaling by Juglone Silver Nano Framework for Selective Cancer Cell Death. <b>2018</b> , 3, 2894-2903	2
936	Dual Receptor Targeting Cell Penetrating Peptide Modified Liposome for Glioma and Breast Cancer Postoperative Recurrence Therapy. <b>2018</b> , 35, 130	16
935	Ignoring the modeling approaches: Towards the shadowy paths in nanomedicine. <b>2018</b> , 280, 58-75	17
934	Self-Decomposable Mesoporous [email[protected]] Nanocomposites for Nuclear Targeted Chemo-Photodynamic Combination Therapy. <b>2018</b> , 1, 1976-1984	28
933	Vesicle-based drug carriers. <b>2018</b> , 1-55	4
932	Plant virus nanoparticles: Novel and robust nanocarriers for drug delivery and imaging. <b>2018</b> , 167, 20-27	35
931	Tuning the surface of Au nanoparticles using poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol): enzyme free and label free sugar sensing in serum samples using resonance Rayleigh scattering spectroscopy. <b>2018</b> , 20, 9616-9629	31
930	Cyclic peptide-poly(HPMA) nanotubes as drug delivery vectors: In Vitro assessment, pharmacokinetics and biodistribution. <b>2018</b> , 178, 570-582	34
929	Encapsulation of OZ439 into Nanoparticles for Supersaturated Drug Release in Oral Malaria Therapy. <b>2018</b> , 4, 970-979	20
928	Enhancing anti-tumor efficiency in hepatocellular carcinoma through the autophagy inhibition by miR-375/sorafenib in lipid-coated calcium carbonate nanoparticles. <b>2018</b> , 72, 248-255	43
927	Current and Future Approaches for Effective Cancer Imaging and Treatment. <b>2018</b> , 33, 39-51	24
926	Metal nanoparticles in dermatology and cosmetology: Interactions with human skin cells. <b>2018</b> , 295, 38-51	88
925	Bridging the Knowledge of Different Worlds to Understand the Big Picture of Cancer Nanomedicines. <b>2018</b> , 7, 1700432	21
924	Antiproliferative Activity and VEGF Expression Reduction in MCF7 and PC-3 Cancer Cells by Paclitaxel and Imatinib Co-encapsulation in Folate-Targeted Liposomes. <b>2018</b> , 19, 201-212	13
923	Development of a molecular bioswitch using fluorescence lifetime imaging: Incremental activation of fluorescein diacetate. <b>2018</b> , 11, e201700084	5
922	Characterization of a multiple particle delivery complex and determination of cellular photodamage in skin fibroblast and breast cancer cell lines. <b>2018</b> , 11, e201700077	4

921	Advanced smart-photosensitizers for more effective cancer treatment. <b>2017</b> , 6, 79-90	56
920	Near-Infrared Light-Triggered Polymeric Nanomicelles for Cancer Therapy and Imaging. <b>2018</b> , 4, 1928-1941	31
919	Targeted photodynamic therapy of breast cancer cells using lactose-phthalocyanine functionalized gold nanoparticles. <b>2018</b> , 512, 249-259	75
918	Application of nanocarrier-based drug delivery system in treatment of oral cancer. <b>2018</b> , 46, 650-657	13
917	NIR light-induced tumor phototherapy using photo-stable ICG delivery system based on inorganic hybrid. <b>2018</b> , 14, 73-84	18
916	Volume of distribution and clearance of peptide-based nanofiber after convection-enhanced delivery. <b>2018</b> , 129, 10-18	11
915	Literature Survey on Magnetic, Gold, and Core-Shell Nanoparticles. <b>2018</b> , 37-72	1
914	Pharmaceutical potential of quantum dots. <b>2018</b> , 46, 57-65	17
913	Emerging trends in the immunotherapy of pancreatic cancer. <b>2018</b> , 417, 35-46	61
912	Sperm-Hybrid Micromotor for Targeted Drug Delivery. <b>2018</b> , 12, 327-337	240
911	Emerging potential of stimulus-responsive nanosized anticancer drug delivery systems for systemic applications. <b>2018</b> , 41, 111-129	37
910	Surface Modification of Cisplatin-Complexed Gold Nanoparticles and Its Influence on Colloidal Stability, Drug Loading, and Drug Release. <b>2018</b> , 34, 154-163	20
909	Delivery of paclitaxel using nanoparticles composed of poly(ethylene oxide)-b-poly(butylene oxide) (PEO-PBO). <b>2018</b> , 161, 464-470	10
908	Nanoparticle formulation improves doxorubicin efficacy by enhancing host antitumor immunity. <b>2018</b> , 269, 364-373	36
907	Biological characterization of a novel hybrid copolymer carrier system based on glycogen. <b>2018</b> , 8, 73-82	3
906	Behavior of poly(ε-caprolactone)-based diblock copolymers in a bulk state and in solution. <b>2018</b> , 671, 128-139	
905	Photodynamic therapy and photothermal therapy for the treatment of peritoneal metastasis: a systematic review. <b>2018</b> , 3, 20180124	31
904	Fully synthetic macromolecular prodrug chemotherapeutics with EGFR targeting and controlled camptothecin release kinetics. <b>2018</b> , 9, 5224-5233	8

903	Electrolyte and pH-sensitive amphiphilic alginate: synthesis, self-assembly and controlled release of acetamidiprid.. <b>2018</b> , 8, 32193-32199	12
902	Breaking the Barrier of Cancer Through Liposome Loaded with Phytochemicals. <b>2019</b> , 16, 3-17	14
901	Multifunctional Polymeric Enveloped Nanocarriers: Targeting Extracellular and Intracellular Barriers. <b>2018</b> ,	
900	Inflammation and Cancer: In Medio Stat Nano. <b>2018</b> , 25, 4208-4223	16
899	Nanoalginates via Inverse-Micelle Synthesis: Doxorubicin-Encapsulation and Breast Cancer Cytotoxicity. <b>2018</b> , 13, 350	9
898	A Novel Nanoparticle Concentration Measurement Method Using Atomic Force Microscope. <b>2018</b> ,	
897	. <b>2018</b> ,	2
896	Brain Theranostics and Radiotheranostics: Exosomes and Graphenes In Vivo as Novel Brain Theranostics. <b>2018</b> , 52, 407-419	4
895	Nano-Mediated Photodynamic Therapy for Cancer: Enhancement of Cancer Specificity and Therapeutic Effects. <b>2018</b> , 8,	22
894	Distinction Between Active and Passive Targeting of Nanoparticles Dictate Their Overall Therapeutic Efficacy. <b>2018</b> , 34, 15343-15349	68
893	Poly-sarcosine and Poly(Ethylene-Glycol) Interactions with Proteins Investigated Using Molecular Dynamics Simulations. <b>2018</b> , 16, 543-550	20
892	Amphiphilic Drug Conjugates as Nanomedicines for Combined Cancer Therapy. <b>2018</b> , 29, 3967-3981	37
891	Diatoms Green Nanotechnology for Biosilica-Based Drug Delivery Systems. <b>2018</b> , 10,	46
890	Genetically Encoding Albumin Binding into Chemotherapeutic-loaded Polypeptide Nanoparticles Enhances Their Antitumor Efficacy. <b>2018</b> , 18, 7784-7793	28
889	Nanotechnology in retinal drug delivery. <b>2018</b> , 11, 1038-1044	36
888	Inorganic Nanoparticles for Cancer Therapy: A Transition from Lab to Clinic. <b>2018</b> , 25, 4269-4303	96
887	Biosynthesis and Potential Applications of Silver and Gold Nanoparticles and Their Chitosan-Based Nanocomposites in Nanomedicine. <b>2018</b> , 2018, 1-13	42
886	PD-L1 monoclonal antibody-conjugated nanoparticles enhance drug delivery level and chemotherapy efficacy in gastric cancer cells. <b>2019</b> , 14, 17-32	44

885	Targeted Graphene Oxide Networks: Cytotoxicity and Synergy with Anticancer Agents. <b>2018</b> , 10, 43523-43532	14
884	Nanomedicine for drug delivery in South Africa: a protocol for systematic review. <b>2018</b> , 7, 154	4
883	Current aspects in treatment of breast cancer based of nanodrug delivery systems and future prospects. <b>2018</b> , 46, S755-S762	25
882	Acid-triggered echogenic nanoparticles for contrast-enhanced ultrasound imaging and therapy of acute liver failure. <b>2018</b> , 186, 22-30	16
881	Multifunctional Gold Nanoparticle-Based Fluorescence Resonance Energy-Transfer Probe for Target Drug Delivery and Cell Fluorescence Imaging. <b>2018</b> , 10, 34840-34848	36
880	Investigation of genotoxic and apoptotic effects of zirconium oxide nanoparticles (20 nm) on L929 mouse fibroblast cell line. <b>2018</b> , 296, 98-104	13
879	Application of Plasmonic Gold Nanoparticle for Drug Delivery System. <b>2018</b> , 19, 271-278	11
878	Amphiphilic block copolymer NPs obtained by coupling ricinoleic acid/sebacic acids and mPEG: Synthesis, characterization, and controlled release of paclitaxel. <b>2018</b> , 29, 2201-2217	3
877	Magnetic delivery of antitumor carboplatin by using PEGylated-Niosomes. <b>2018</b> , 26, 57	36
876	Enhancing Antitumor Efficacy by Simultaneous ATP-Responsive Chemodrug Release and Cancer Cell Sensitization Based on a Smart Nanoagent. <b>2018</b> , 5, 1801201	22
875	Theranostics Aspects of Various Nanoparticles in Veterinary Medicine. <b>2018</b> , 19,	30
874	Silver nanoparticles of different sizes induce a mixed type of programmed cell death in human pancreatic ductal adenocarcinoma. <b>2018</b> , 9, 4675-4697	66
873	Probing Internalization Effects and Biocompatibility of Ultrasmall Zirconium Metal-Organic Frameworks UiO-66 NP in U251 Glioblastoma Cancer Cells. <b>2018</b> , 8,	9
872	Synthetic cannabinoids nano-micelles for the management of triple negative breast cancer. <b>2018</b> , 291, 184-195	29
871	Tumor Microenvironment Targeted Nanotherapy. <b>2018</b> , 9, 1230	74
870	Applications of Nanoparticles Probes for Prostate Cancer Imaging and Therapy. <b>2018</b> , 1096, 99-115	3
869	Size-selected FeO-Au hybrid nanoparticles for improved magnetism-based theranostics. <b>2018</b> , 9, 2684-2699	19
868	Molecular & Diagnostic Imaging in Prostate Cancer. <b>2018</b> ,	0

867	Functional biomimetic nanoparticles for drug delivery and theranostic applications in cancer treatment. <b>2018</b> , 19, 771-790	40
866	Mass spectrometry imaging of the in situ drug release from nanocarriers. <b>2018</b> , 4, eeat9039	46
865	Design of Biomedical Polymers. <b>2018</b> , 1-48	
864	Functional stimuli-responsive polymeric network nanogels as cargo systems for targeted drug delivery and gene delivery in cancer cells. <b>2018</b> , 243-275	3
863	Principles and applications of medical nanotechnology devices. <b>2018</b> , 275-301	1
862	Enhancing the Delivery of Chemotherapeutics: Role of Biodegradable Polymeric Nanoparticles. <b>2018</b> , 23,	44
861	A Copper-Paclitaxel crystal; a medically active drug delivery platform. <b>2018</b> , 28, 3409-3417	3
860	Functional evaluation of doxorubicin decorated polymeric liposomal curcumin: a surface tailored therapeutic platform for combination chemotherapy. <b>2018</b> , 42, 16608-16619	6
859	Bioreducible nanocapsules for folic acid-assisted targeting and effective tumor-specific chemotherapy. <b>2018</b> , 13, 653-667	7
858	A Nanomicellar Prodrug Carrier Based on Ibuprofen-Conjugated Polymer for Co-delivery of Doxorubicin. <b>2018</b> , 9, 781	9
857	Modification of Fe <sub>3</sub> O <sub>4</sub> nanoparticles with carboranes. <b>2018</b> , 5, 105011	21
856	Nanoparticles in Cancer Treatment: Opportunities and Obstacles. <b>2018</b> , 19, 1696-1709	80
855	Radiolabelled nanoparticles for cancer diagnosis. <b>2018</b> , 6, 271-292	8
854	(Fe)MIL-100-Met@alginate: a hybrid polymer/MOF for enhancement of metformin's bioavailability and pH-controlled release. <b>2018</b> , 42, 11137-11146	16
853	Spadix-Bract Structured Nanobowls for Bimodal Imaging-Guided Multidrug Chemo-Photothermal Synergistic Therapy. <b>2018</b> , 30, 3722-3733	34
852	Programmed Nanoparticle-Loaded Nanoparticles for Deep-Penetrating 3D Cancer Therapy. <b>2018</b> , 30, e1707557	56
851	Integrin Targeting Systems for Tumor Diagnosis and Therapy. <b>2018</b> ,	
850	Neutrophil-mediated delivery of pixantrone-loaded liposomes decorated with poly(sialic acid)-octadecylamine conjugate for lung cancer treatment. <b>2018</b> , 25, 1200-1212	19



849	Facile Fabrication of 10-Hydroxycamptothecin-Backboned Amphiphilic Polyprodrug with Precisely Tailored Drug Loading Content for Controlled Release. <b>2018</b> , 29, 2239-2247	22
848	Silica Nanoparticle Applications in the Biomedical Field. <b>2018</b> , 115-129	6
847	Functional polymeric dialdehyde dextrin network capped mesoporous silica nanoparticles for pH/GSH dual-controlled drug release.. <b>2018</b> , 8, 20862-20871	12
846	Multifunctional Electrospun Nanofibers for Enhancing Localized Cancer Treatment. <b>2018</b> , 14, e1801183	27
845	Responsive polymer nanoparticles for drug delivery applications. <b>2018</b> , 289-320	7
844	Enhanced cytotoxic and apoptotic potential in hepatic carcinoma cells of chitosan nanoparticles loaded with ginsenoside compound K. <b>2018</b> , 198, 537-545	29
843	Reversible Fusion Proteins as a Tool to Enhance Uptake of Virus-Functionalized LbL Microcarriers. <b>2018</b> , 19, 3212-3223	5
842	Potential of nanoparticles as drug delivery system for cancer treatment. <b>2018</b> , 431-468	3
841	PhytoNanotechnology: Enhancing Delivery of Plant Based Anti-cancer Drugs. <b>2017</b> , 8, 1002	56
840	Myeloid-Derived Suppressor Cell Membrane-Coated Magnetic Nanoparticles for Cancer Theranostics by Inducing Macrophage Polarization and Synergizing Immunogenic Cell Death. <b>2018</b> , 28, 1801389	104
839	Tunable Collagen Microfluidic Platform to Study Nanoparticle Transport in the Tumor Microenvironment. <b>2018</b> , 1831, 159-178	5
838	Fabrication of a microporous Dy(III)-organic framework with polar channels for 5-Fu (fluorouracil) delivery and inhibiting human brain tumor cells. <b>2018</b> , 29, 1885-1891	5
837	Recent Trends in Biomedical and Pharmaceutical Industry Due to Engineered Nanomaterials. <b>2018</b> , 499-519	1
836	Advances in the Delivery of Cancer Therapeutics: A Comprehensive Review. <b>2018</b> , 15, 21-36	9
835	A Novel DNA Aptamer for Dual Targeting of Polymorphonuclear Myeloid-derived Suppressor Cells and Tumor Cells. <b>2018</b> , 8, 31-44	36
834	Targeted Drug Delivery. <b>2018</b> ,	1
833	Magnetite-Gold nanohybrids as ideal all-in-one platforms for theranostics. <b>2018</b> , 8, 11295	54
832	Nanoparticles as carriers for drug delivery in cancer. <b>2018</b> , 46, 295-305	90

831	Application of active targeting nanoparticle delivery system for chemotherapeutic drugs and traditional/herbal medicines in cancer therapy: a systematic review. <b>2018</b> , 13, 3921-3935	182
830	Micellar Iron Oxide Nanoparticles Coated with Anti-Tumor Glycosides. <b>2018</b> , 8,	9
829	Determining the Radiation Enhancement Effects of Gold Nanoparticles in Cells in a Combined Treatment with Cisplatin and Radiation at Therapeutic Megavoltage Energies. <b>2018</b> , 10,	19
828	Combinatory therapy adopting nanoparticle-based cancer vaccination with immune checkpoint blockade for treatment of post-surgical tumor recurrences. <b>2018</b> , 285, 56-66	16
827	Drug Delivery Systems from Self-Assembly of Dendron-Polymer Conjugates. <b>2018</b> , 23,	36
826	Noninvasive Biomarkers of Colorectal Cancer: Role in Diagnosis and Personalised Treatment Perspectives. <b>2018</b> , 2018, 2397863	43
825	Drug conjugates-an emerging approach to treat breast cancer. <b>2018</b> , 6, e00417	20
824	Structure and Dynamics of a Polymer Nanoparticle Composite: Effect of Nanoparticle Size and Volume Fraction. <b>2018</b> , 51, 5375-5391	38
823	A Three-dimensional DyIII-based Metal-organic Framework: Smart Drug Carrier and Anti-lung Cancer Activity. <b>2018</b> , 644, 821-826	3
822	A DFT study of penicillamine adsorption over pure and Al-doped C60 fullerene. <b>2018</b> , 24, 471-480	14
821	Magnetic field-inducible drug-eluting nanoparticles for image-guided thermo-chemotherapy. <b>2018</b> , 180, 240-252	59
820	Roles of alcohol desolvating agents on the size control of bovine serum albumin nanoparticles in drug delivery system. <b>2018</b> , 47, 193-199	12
819	Patented and Approval Scenario of Nanopharmaceuticals with Relevancy to Biomedical Application, Manufacturing Procedure and Safety Aspects. <b>2018</b> , 12, 40-52	20
818	Cerasomes and Bicelles: Hybrid Bilayered Nanostructures With Silica-Like Surface in Cancer Theranostics. <b>2018</b> , 6, 127	19
817	Metal Coated Colloidosomes as Carriers for an Antibiotic. <b>2018</b> , 6, 196	2
816	Control of Cationic Nanogel PEGylation in Heterogeneous ARGET ATRP Emulsion Polymerization with PEG Macromonomers. <b>2018</b> , 56, 1536-1544	8
815	Synthesis and evaluation of triphenylphosphonium conjugated 18F-labeled silica nanoparticles for PET imaging. <b>2018</b> , 316, 1099-1106	4
814	Review Organic-Inorganic Hybrid Functional Materials: An Integrated Platform for Applied Technologies. <b>2018</b> , 165, B3137-B3156	199

813	Systems engineers' role in biomedical research. Convection-enhanced drug delivery. <b>2018</b> , 271-302	5
812	A novel approach for drug targeting: Core-shell type lipid-polymer hybrid nanocarriers. <b>2018</b> , 69-107	4
811	Silymarin nanoformulation as potential anticancer agent in experimental Ehrlich ascites carcinoma-bearing animals. <b>2018</b> , 13, 1865-1858	12
810	Synthesis and Biomedical Applications of Multifunctional Nanoparticles. <b>2018</b> , 30, e1802309	154
809	Recent advances in "smart" delivery systems for extended drug release in cancer therapy. <b>2018</b> , 13, 4727-4745	109
808	Orcinol Glucoside Loaded Polymer - Lipid Hybrid Nanostructured Lipid Carriers: Potential Cytotoxic Agents against Gastric, Colon and Hepatoma Carcinoma Cell Lines. <b>2018</b> , 35, 198	12
807	Exploring Factors for the Design of Nanoparticles as Drug Delivery Vectors. <b>2018</b> , 19, 2810-2828	7
806	Encapsulation and Systemic Delivery of 5-Fluorouracil Conjugated with Silkworm Pupa Derived Protein Nanoparticles for Experimental Lymphoma Cancer. <b>2018</b> , 29, 2994-3009	10
805	Development of Nanoscale Oil Bodies for Targeted Treatment of Lung Cancer. <b>2018</b> , 66, 9438-9445	7
804	Ultrasound Triggered Conversion of Porphyrin/Camptothecin-Fluoroxymurine Triad Microbubbles into Nanoparticles Overcomes Multidrug Resistance in Colorectal Cancer. <b>2018</b> , 12, 7312-7326	81
803	Breast Cancer Targeted Therapy Using Nanocarriers. <b>2018</b> , 113-131	
802	Dual Intratumoral Redox/Enzyme-Responsive NO-Releasing Nanomedicine for the Specific, High-Efficacy, and Low-Toxic Cancer Therapy. <b>2018</b> , 30, e1704490	115
801	Understanding and utilizing the biomolecule/nanosystems interface. <b>2018</b> , 207-297	10
800	Monolayer grafting of aminosilane on magnetic nanoparticles: An efficient approach for targeted drug delivery system. <b>2018</b> , 529, 415-425	36
799	cRGD functionalised nanocarriers for targeted delivery of bioactives. <b>2019</b> , 27, 111-124	17
798	DESIGN, DEVELOPMENT AND OPTIMIZATION OF LETROZOLE NANOPARTICLES FOR BREAST CANCER TREATMENT. <b>2019</b> , 10, 72-78	
797	Redox-Driven Disassembly of Polymer-Chlorambucil Polyprodrug: Delivery of Anticancer Nitrogen Mustard and DNA Alkylation. <b>2019</b> , 1, 2503-2515	16
796	Magnetoliposomes of mixed biomimetic and inorganic magnetic nanoparticles as enhanced hyperthermia agents. <b>2019</b> , 183, 110435	10

795	Vitamin D-conjugated gold nanoparticles as functional carriers to enhancing osteogenic differentiation. <b>2019</b> , 20, 826-836	15
794	Natural polysaccharides for the delivery of anticancer therapeutics. <b>2019</b> , 441-470	
793	Reductive responsive micelle overcoming multidrug resistance of breast cancer by co-delivery of DOX and specific antibiotic. <b>2019</b> , 7, 6075-6086	14
792	pH-sensitive and pluronic-modified pullulan nanogels for greatly improved antitumor in vivo. <b>2019</b> , 139, 277-289	11
791	Octreotide Nanoparticles Showed Affinity for In Vivo MIA Paca-2 Inducted Pancreas Ductal Adenocarcinoma Mimicking Pancreatic Polypeptide-Secreting Tumor of the Distal Pancreas (PPoma). <b>2019</b> , 36, 143	4
790	From in vitro to ex vivo: subcellular localization and uptake of graphene quantum dots into solid tumors. <b>2019</b> , 30, 395101	13
789	A novel nanoparticle drug delivery system based on PEGylated hemoglobin for cancer therapy. <b>2019</b> , 26, 717-723	17
788	Improving the physiological relevance of drug testing for drug-loaded nanoparticles using 3D tumor cell cultures. <b>2019</b> , 9, 1053-1059	1
787	Biomedical Applications of Hyaluronic Acid-Based Nanomaterials in Hyperthermic Cancer Therapy. <b>2019</b> , 11,	18
786	Integrating nanomedicine into clinical radiotherapy regimens. <b>2019</b> , 144, 35-56	13
785	real-time tracing of hierarchical targeting nanostructures in drug resistant tumors using diffuse fluorescence tomography. <b>2019</b> , 10, 7878-7886	12
784	Growth-inhibitory effects of anthracycline-loaded bacterial magnetosomes against hepatic cancer and. <b>2019</b> , 14, 1663-1680	11
783	Aerosolization of Nanotherapeutics as a Newly Emerging Treatment Regimen for Peritoneal Carcinomatosis. <b>2019</b> , 11,	14
782	A robust systematic design: Optimization and preparation of polymeric nanoparticles of PLGA for docetaxel intravenous delivery. <b>2019</b> , 104, 109950	23
781	ZnAs@SiO nanoparticles as a potential anti-tumor drug for targeting stemness and epithelial-mesenchymal transition in hepatocellular carcinoma via SHP-1/JAK2/STAT3 signaling. <b>2019</b> , 9, 4391-4408	32
780	Microneedle-Based Generation of Microbubbles in Cancer Tumors to Improve Ultrasound-Assisted Drug Delivery. <b>2019</b> , 8, e1900613	25
779	Biomedical applications of green-synthesized metal nanoparticles using polysaccharides. <b>2019</b> , 329-355	3
778	Efficient Click Synthesis of a Protonized and Reduction-Sensitive Amphiphilic Small-Molecule Prodrug Containing Camptothecin and Gemcitabine for a Drug Self-Delivery System. <b>2019</b> , 16, 3770-3779	15

777	Lipid-chitosan hybrid nanoparticles for controlled delivery of cisplatin. <b>2019</b> , 26, 765-772	50
776	Tangeretin-Assisted Platinum Nanoparticles Enhance the Apoptotic Properties of Doxorubicin: Combination Therapy for Osteosarcoma Treatment. <b>2019</b> , 9,	29
775	Colloidal (-)-epigallocatechin-3-gallate vesicular systems for prevention and treatment of skin cancer: A comprehensive experimental study with preclinical investigation. <b>2019</b> , 137, 104972	40
774	Poly(Hydroxy acid)-Based Nanoparticles for Drug/Gene Delivery for Cancer Therapy. <b>2019</b> , 81-99	
773	Polyethylene Glycol Nanoparticles as Promising Tools for Anticancer Therapeutics. <b>2019</b> , 205-231	7
772	Plant-Based Natural Polymeric Nanoparticles as Promising Carriers for Anticancer Therapeutics. <b>2019</b> , 293-318	4
771	Differential Response of BEAS-2B and H-441 Cells to Methylene Blue Photoactivation. <b>2019</b> , 39, 3739-3744	
770	Microwave Responsive Nanoplatform via P-Selectin Mediated Drug Delivery for Treatment of Hepatocellular Carcinoma with Distant Metastasis. <b>2019</b> , 19, 2914-2927	43
769	Recent Advances in Polymeric Nanomedicines for Cancer Immunotherapy. <b>2019</b> , 8, e1801320	25
768	Enhanced Cell Killing by Paclitaxel-Loaded Recombinant Protein Micelles Bearing Integrin-Binding and Cell-Penetrating Peptides. <b>2019</b> ,	2
767	Therapeutic applications of green-synthesized silver nanoparticles. <b>2019</b> , 389-428	7
766	Co-delivery of Cisplatin(IV) and Capecitabine as an Effective and Non-toxic Cancer Treatment. <b>2019</b> , 10, 110	6
765	Degradation of Mitochondria and Oxidative Stress as the Main Mechanism of Toxicity of Pristine Graphene on U87 Glioblastoma Cells and Tumors and HS-5 Cells. <b>2019</b> , 20,	27
764	Lipoic acid-derived cross-linked liposomes for reduction-responsive delivery of anticancer drug. <b>2019</b> , 560, 246-260	10
763	Electron Density of Polymeric Nanoparticles Determined by Image Processing of Transmission Electron Micrographs: Insights into Heavy Metal Staining Processes. <b>2019</b> , 36, 1800324	
762	New Opportunities for FIB/SEM EDX in Nanomedicine: Cancerogenesis Research. <b>2019</b> , 533-543	
761	Graphene quantum dot assisted translocation of drugs into a cell membrane. <b>2019</b> , 11, 4503-4514	32
760	Co-delivery of paclitaxel and gemcitabine a self-assembling nanoparticle for targeted treatment of breast cancer.. <b>2019</b> , 9, 5512-5520	17

759	Targeted delivery of 20(S)-ginsenoside Rg3-based polypeptide nanoparticles to treat colon cancer. <b>2019</b> , 21, 18	18
758	Gold Nanoparticle-Incorporated Molecularly Imprinted Microgels as Radiation Sensitizers in Pancreatic Cancer.. <b>2019</b> , 2, 1177-1183	13
757	Chitosan nanopolymers: An overview of drug delivery against cancer. <b>2019</b> , 130, 727-736	111
756	Mitigation of Hydrophobicity-Induced Immunotoxicity by Sugar Poly(orthoesters). <b>2019</b> , 141, 4510-4514	14
755	Effects of silver nanoparticles coated with anti-HER2 on irradiation efficiency of SKBR3 breast cancer cells. <b>2019</b> , 13, 808-815	7
754	Investigation of Inertial Cavitation Stimulation by Focused Ultrasound on Sonosensitive Nanoparticles for Drug Delivery Applications. <b>2019</b> ,	
753	Nanotechnological strategies involved in the targeted delivery of anticancer drugs. <b>2019</b> , 23-41	
752	Nanoparticle and polymeric nanoparticle-based targeted drug delivery systems. <b>2019</b> , 191-240	0
751	Preparation of Nanoparticles from Curcuma longa L. and Cosmos caudatus Extracts. <b>2019</b> , 1374, 012027	1
750	Peristaltic Propulsion of Jeffrey Nanofluid with Thermal Radiation and Chemical Reaction Effects. <b>2019</b> , 4, 68	11
749	The CURRENT TRENDS AND TREATMENTS IN DIABETIC RETINOPATHY. <b>2019</b> , 27-33	0
748	Preparation and characterization of $\beta$ -casein stabilized lipopeptide lyotropic liquid crystal nanoparticles for delivery of doxorubicin. <b>2019</b> , 15, 9011-9017	6
747	Phototriggered Release of Tumor-Imaging and Therapy Agents from Lyophilized Multifunctional Polyacrylamide Nanoparticles.. <b>2019</b> , 2, 5663-5675	2
746	FDA and the medical device clinical drug trials. <b>2019</b> , 301-357	
745	Polymer stiffness governs template mediated self-assembly of liposome-like nanoparticles: simulation, theory and experiment. <b>2019</b> , 11, 20179-20193	5
744	Dual-drug delivery based charge-conversional polymeric micelles for enhanced cellular uptake and combination therapy. <b>2019</b> , 10, 5879-5893	10
743	Thermosensitive Nanosystems Associated with Hyperthermia for Cancer Treatment. <b>2019</b> , 12,	17
742	Smart Targeting To Improve Cancer Therapeutics. <b>2019</b> , 13, 3753-3772	54

741	Novel Polymeric Nanocarriers Reduced Zinc and Doxycycline Toxicity in the Nematode. <b>2019</b> , 8,	8
740	Overcoming Physiological Barriers to Nanoparticle Delivery-Are We There Yet?. <b>2019</b> , 7, 415	53
739	Therapeutic efficacy of nanoparticles and routes of administration. <b>2019</b> , 23, 20	272
738	Epidermal Growth Factor Receptor and Its Role in Pancreatic Cancer Treatment Mediated by Nanoparticles. <b>2019</b> , 14, 9693-9706	17
737	Physical PEGylation Enhances The Cytotoxicity Of 5-Fluorouracil-Loaded PLGA And PCL Nanoparticles. <b>2019</b> , 14, 9259-9273	17
736	Titanate Nanotubes Engineered with Gold Nanoparticles and Docetaxel to Enhance Radiotherapy on Xenografted Prostate Tumors. <b>2019</b> , 11,	12
735	. <b>2019</b> ,	13
734	Porous silicon nanomaterials: recent advances in surface engineering for controlled drug-delivery applications. <b>2019</b> , 14, 3213-3230	16
733	Towards feedback-controlled nanomedicines for smart, adaptive delivery. <b>2019</b> , 244, 283-293	6
732	Functionalized gold and silver nanoparticles modulate amyloid fibrillation, defibrillation and cytotoxicity of lysozyme via altering protein surface character. <b>2019</b> , 473, 373-385	17
731	Photothermally controlled drug release system with high dose loading for synergistic chemo-photothermal therapy of multidrug resistance cancer. <b>2019</b> , 175, 239-247	21
730	Microcryogels as plastic antibodies for transferrin purification. <b>2019</b> , 79, 174-184	14
729	Chitosan-based nanomicelle as a novel platform for targeted delivery of methotrexate. <b>2019</b> , 126, 517-524	13
728	Effect of fs/ps laser pulsewidth on ablation of metals and silicon in air and liquids, and on their nanoparticle yields. <b>2019</b> , 470, 1018-1034	27
727	Perspectives for Characterizing Drug Component of Theranostic Products Containing Nanomaterials. <b>2019</b> , 301-316	
726	Nanotheranostics for Cancer Applications. <b>2019</b> ,	2
725	Folic-Acid-Adorned PEGylated Graphene Oxide Interferes with the Cell Migration of Triple Negative Breast Cancer Cell Line, MDAMB-231 by Targeting miR-21/PTEN Axis through NFB. <b>2019</b> , 5, 373-389	9
724	Nanotechnology: Applications in Energy, Drug and Food. <b>2019</b> ,	3

723	Preparation and Characterization of an Oral Norethindrone Sustained Release/Controlled Release Nanoparticles Formulation Based on Chitosan. <b>2019</b> , 20, 54	6
722	Innovative nano-carriers in anticancer drug delivery-a comprehensive review. <b>2019</b> , 85, 325-336	68
721	Adsorption and Desorption of a Phospholipid from Single Microbubbles under Pulsed Ultrasound Irradiation for Ultrasound-Triggered Drug Delivery. <b>2019</b> , 35, 10007-10013	9
720	Protein Nanocarriers for Targeted Drug Delivery. <b>2019</b> , 199-218	2
719	Stimuli-Responsive Nanomaterials for Drug Delivery. <b>2019</b> , 375-424	3
718	Synthesis and antiproliferative activities of doxorubicin thiol conjugates and doxorubicin-SS-cyclic peptide. <b>2019</b> , 161, 594-606	19
717	Polyoxometalates nanoparticles improve anti-tumor activity by maximal cellular uptake. <b>2019</b> , 486, 104-112	6
716	Recent advances in magnetic fluid hyperthermia for cancer therapy. <b>2019</b> , 174, 42-55	152
715	Chitosan-based nanoparticles: An overview of biomedical applications and its preparation. <b>2019</b> , 49, 66-81	93
714	Nanotechnology in Targeted Drug Delivery and Therapeutics. <b>2019</b> , 357-409	9
713	Lipid-Based Nanoparticles for Drug-Delivery Systems. <b>2019</b> , 249-284	32
712	Potential of Chitosan and its derivatives for controlled drug release applications [A review]. <b>2019</b> , 49, 642-659	64
711	Neuro-protective role of nanocapsulated curcumin against cerebral ischemia-reperfusion induced oxidative injury. <b>2019</b> , 1704, 164-173	34
710	Polymer-Based Nanomaterials for Drug-Delivery Carriers. <b>2019</b> , 531-556	43
709	Mechanism for Development of Nanobased Drug Delivery System. <b>2019</b> , 35-67	19
708	Nanoparticles as Delivery Systems in Cancer Therapy. <b>2019</b> , 257-295	9
707	Active Targeting of Cancer Cells by Nanobody Decorated Polypeptide Micelle with Bio-orthogonally Conjugated Drug. <b>2019</b> , 19, 247-254	44
706	Targeting autophagy using metallic nanoparticles: a promising strategy for cancer treatment. <b>2019</b> , 76, 1215-1242	85



705	Co-delivery of paclitaxel and doxorubicin using mixed micelles based on the redox sensitive prodrugs. <b>2019</b> , 175, 126-135	22
704	Aggregation-induced emission (AIE) fluorophores as imaging tools to trace the biological fate of nano-based drug delivery systems. <b>2019</b> , 143, 161-176	54
703	Engineering Tumor Cells with Tumor Necrosis Factor (TNF) or CD40 Ligand (CD40L) Genes Induce Anti-tumor Immune Responses. <b>2019</b> , 25, 427-436	2
702	pH sensitive functionalized hyperbranched polyester based nanoparticulate system for the receptor-mediated targeted cancer therapy. <b>2019</b> , 68, 417-432	7
701	Stimuli-responsive nanotherapeutics for precision drug delivery and cancer therapy. <b>2019</b> , 11, e1527	152
700	A multifunctional nanoplatform for drug targeted delivery based on radiation-engineered nanogels. <b>2020</b> , 169, 108059	7
699	Current status and contemporary approaches to the discovery of antitumor agents from higher plants. <b>2020</b> , 38, 107337	41
698	Harnessing cells to deliver nanoparticle drugs to treat cancer. <b>2020</b> , 42, 107339	31
697	Biotin anchored nanostructured lipid carriers for targeted delivery of doxorubicin in management of mammary gland carcinoma through regulation of apoptotic modulator. <b>2020</b> , 30, 21-36	5
696	Nanoparticles and its biomedical applications in health and diseases: special focus on drug delivery. <b>2020</b> , 27, 19151-19168	103
695	Antibody-drug conjugates: smart weapons against cancer. <b>2020</b> , 16, 1257-1262	2
694	Multifunctional nanomedicines for targeting epidermal growth factor receptor in colorectal cancer. <b>2020</b> , 77, 997-1019	21
693	Grand challenges in nanomedicine. <b>2020</b> , 106, 110302	53
692	Monitoring the topical delivery of ultrasmall gold nanoparticles using optical coherence tomography. <b>2020</b> , 26, 263-268	8
691	Controlled Release of Pesticides for Sustainable Agriculture. <b>2020</b> ,	3
690	Advanced Controlled Nanopesticide Delivery Systems for Managing Insect Pests. <b>2020</b> , 155-184	3
689	Adsorption of Ampyra anticancer drug on the graphene and functionalized graphene as template materials with high efficient carrier. <b>2020</b> , 26, 879-893	7
688	"Two in one": Simultaneous functionalization and DOX loading for fabrication of nanodiamond-based pH responsive drug delivery system. <b>2020</b> , 108, 110413	10

687	Chitosan/Sulfobutylether- $\beta$ -Cyclodextrin Nanoparticles for Ibrutinib Delivery: A Potential Nanoformulation of Novel Kinase Inhibitor. <b>2020</b> , 109, 1136-1144	14
686	Particle formation from vapors emitted from glowing wires: Theory and experiments. <b>2020</b> , 54, 243-261	5
685	The Benefits of Macromolecular/Supramolecular Approaches in Hydrogen Sulfide Delivery: A Review of Polymeric and Self-Assembled Hydrogen Sulfide Donors. <b>2020</b> , 32, 79-95	20
684	In-flight plasma modification of nanoparticles produced by means of gas aggregation sources as an effective route for the synthesis of core-satellite Ag/plasma polymer nanoparticles. <b>2020</b> , 62, 014005	3
683	Development of a novel liposomal nanoparticle formulation of cisplatin to breast cancer therapy. <b>2020</b> , 121, 3584-3592	12
682	Phytochemicals and Gastrointestinal Cancer: Cellular Mechanisms and Effects to Change Cancer Progression. <b>2020</b> , 10,	35
681	RETRACTED: Folic acid mediated endocytosis enhanced by modified multi stimuli nanocontainers for cancer targeting and treatment: Synthesis, characterization, in-vitro and in-vivo evaluation of therapeutic efficacy. <b>2020</b> , 55, 101481	0
680	Enhanced antibacterial and antiparasitic activity of multifunctional polymeric nanoparticles. <b>2020</b> , 31, 175705	16
679	Identification of folate receptor (FR) binding oligopeptides and their evaluation for targeted virotherapy applications. <b>2020</b> , 27, 785-798	4
678	Reactive oxygen species-activatable camptothecin polyprodrug based dextran enhances chemotherapy efficacy by damaging mitochondria. <b>2020</b> , 8, 1245-1255	3
677	Luminescent gold nanoclusters for in vivo tumor imaging. <b>2020</b> , 145, 348-363	21
676	The aggregation of striped nanoparticles in mixed phospholipid bilayers. <b>2020</b> , 12, 4868-4881	3
675	Numerical Simulation of Magnetic Drug Targeting to the Stenosis Vessel Using FeO Magnetic Nanoparticles Under the Effect of Magnetic Field of Wire. <b>2020</b> , 11, 162-175	9
674	Design and Synthesis of Zn -Coordination Polymers Anchored with NSAIDs: Metallovesicle Formation and Multi-drug Delivery. <b>2020</b> , 15, 503-510	7
673	RETRACTED: Development of curcumin-loaded silk fibroin nanoparticles as drug delivery vehicle for the treatment of ischemic stroke for patients in nursing care in hospitals. <b>2020</b> , 55, 101360	4
672	Cancer-Targeted Nanomedicine: Overcoming the Barrier of the Protein Corona. <b>2020</b> , 3, 1900124	35
671	Improved cardioprotective effects of hesperidin solid lipid nanoparticles prepared by supercritical antisolvent technology. <b>2020</b> , 187, 110628	19
670	Multimodality labeling strategies for the investigation of nanocrystalline cellulose biodistribution in a mouse model of breast cancer. <b>2020</b> , 80-81, 1-12	8

669	Drug Delivery Systems Based on Poly(2-Oxazoline)s and Poly(2-Oxazine)s. <b>2020</b> , 3, 1900168	45
668	Docetaxel loaded human serum albumin nanoparticles; synthesis, characterization, and potential of nuclear imaging of prostate cancer. <b>2020</b> , 55, 101410	8
667	An overview on recent biological application of cerium oxide nanoparticles. <b>2020</b> , 15, 558-575	21
666	Stimuli-responsive nanoparticles for the codelivery of chemotherapeutic agents doxorubicin and siPD-L1 to enhance the antitumor effect. <b>2020</b> , 108, 1710-1724	7
665	Nano micelles of cellulose-graft-poly (l-lactic acid) anchored with epithelial cell adhesion antibody for enhanced drug loading and anti-tumor effect. <b>2020</b> , 22, 100764	9
664	A bio-responsive 6-mercaptopurine/doxorubicin based "Click Chemistry" polymeric prodrug for cancer therapy. <b>2020</b> , 108, 110461	18
663	Non-porous phosphonated ionic silica nanospheres as nanocarriers for efficient intracellular delivery of doxorubicin. <b>2020</b> , 23, 100787	2
662	Carbon nanotubes: An effective platform for biomedical electronics. <b>2020</b> , 150, 111919	27
661	Nanomaterials as Inhibitors of Epithelial Mesenchymal Transition in Cancer Treatment. <b>2019</b> , 12,	16
660	Incorporation of Ru(II) Polypyridyl Complexes into Nanomaterials for Cancer Therapy and Diagnosis. <b>2020</b> , 32, e2003294	13
659	Numerical simulation of transport and adhesion of thermogenic nano-carriers in microvessels. <b>2020</b> , 16, 10345-10357	1
658	repression by pluripotency factors and consequent chemoresistance in breast cancer stem-like cells is reversed by aspirin. <b>2020</b> , 13,	4
657	Evaluating the structural properties of bioactive-loaded nanocarriers with modern analytical tools. <b>2020</b> , 19, 3266-3322	15
656	New insights on the role of autophagy in the pathogenesis and treatment of melanoma. <b>2020</b> , 47, 9021-9032	6
655	Recent advances in cytotoxicity, cellular uptake and mechanism of action of ruthenium metallodrugs: A review. <b>2020</b> , 192, 114827	11
654	Biomineralization: An Opportunity and Challenge of Nanoparticle Drug Delivery Systems for Cancer Therapy. <b>2020</b> , 9, e2001117	12
653	PEG-Iron Oxide Core-Shell Nanoparticles: In situ Synthesis and In vitro Biocompatibility Evaluation for Potential T2-MRI Applications. <b>2020</b> , 10, 1107-1120	1
652	Synthesis of lactobionic acid based bola-amphiphiles and its application as nano-carrier for curcumin delivery to cancer cell cultures in-vitro. <b>2020</b> , 590, 119897	4

651	Bisphosphonate-functionalized micelles for targeted delivery of curcumin to metastatic bone cancer. <b>2020</b> , 25, 1118-1126	9
650	Emerging applications of lectins in cancer detection and biomedicine. <b>2020</b> , 31, 651-661	6
649	Silver nanoparticles: Synthesis, medical applications and biosafety. <b>2020</b> , 10, 8996-9031	170
648	Cancer Nanomedicine Special Issue Review Anticancer Drug Delivery with Nanoparticles: Extracellular Vesicles or Synthetic Nanobeads as Therapeutic Tools for Conventional Treatment or Immunotherapy. <b>2020</b> , 12,	10
647	Anticancer Compounds Derived from Marine Diatoms. <b>2020</b> , 18,	24
646	Nano lipid based carriers for lymphatic voyage of anti-cancer drugs: An insight into the in-vitro, ex-vivo, in-situ and in-vivo study models. <b>2020</b> , 59, 101899	9
645	Hyaluronic acid and its biomedical applications: A review. <b>2020</b> , 1, 102-113	24
644	In silico study of enhanced permeation and retention effect and hyperthermia of porous tumor. <b>2020</b> , 86, 128-137	8
643	Concussive head injury exacerbates neuropathology of sleep deprivation: Superior neuroprotection by co-administration of TiO-nanowired cerebrolysin, alpha-melanocyte-stimulating hormone, and mesenchymal stem cells. <b>2020</b> , 258, 1-77	8
642	Metabolic glycan labelling for cancer-targeted therapy. <b>2020</b> , 12, 1102-1114	34
641	Enhancing nanoparticle penetration through airway mucus to improve drug delivery efficacy in the lung. <b>2021</b> , 18, 595-606	11
640	Co-administration of TiO-nanowired dl-3-n-butylphthalide (dl-NBP) and mesenchymal stem cells enhanced neuroprotection in Parkinson's disease exacerbated by concussive head injury. <b>2020</b> , 258, 101-155	8
639	Synthetic and biological identities of layered double hydroxides nanocarriers functionalized with risedronate. <b>2020</b> , 199, 105880	3
638	Surface functionalized porous nanomaterials for theranostics. <b>2020</b> ,	1
637	Properties and Characterization of PLA, PHA, and Other Types of Biopolymer Composites. <b>2020</b> , 111-138	10
636	Antisolvent precipitative immobilization of micro and nanostructured griseofulvin on laboratory cultured diatom frustules for enhanced aqueous dissolution. <b>2020</b> , 196, 111308	3
635	Photo-induced specific intracellular release EGFR inhibitor from enzyme/ROS-dual sensitive nano-platforms for molecular targeted-photodynamic combinational therapy of non-small cell lung cancer. <b>2020</b> , 8, 7931-7940	7
634	Mussel-Inspired Polydopamine: The Bridge for Targeting Drug Delivery System and Synergistic Cancer Treatment. <b>2020</b> , 20, e2000222	28

633	Nanolipoprotein Particles as a Delivery Platform for Fab Based Therapeutics. <b>2020</b> , 31, 1995-2007	5
632	Understanding the relevance of protein corona in nanoparticle-based therapeutics and diagnostics.. <b>2020</b> , 10, 27161-27172	8
631	Fantastic Voyage of Nanomotors into the Cell. <b>2020</b> , 14, 9423-9439	71
630	Ultrasound Combined with Core Cross-Linked Nanosystem for Enhancing Penetration of Doxorubicin Prodrug/Beta-Lapachone into Tumors. <b>2020</b> , 15, 4825-4845	9
629	Polymeric Nanoparticles for Drug Delivery: Recent Developments and Future Prospects. <b>2020</b> , 10,	132
628	Evaluation of nanoparticle formation and magnetic properties by boron doping in Ni/NiO□ nanoparticles. <b>2020</b> , 31, 14591-14600	1
627	Trastuzumab Targeted Neratinib Loaded Poly-Amidoamine Dendrimer Nanocapsules for Breast Cancer Therapy. <b>2020</b> , 15, 5433-5443	15
626	Enzyme-Responsive Nanoparticles for Anti-tumor Drug Delivery. <b>2020</b> , 8, 647	27
625	The Effect of Calcination Temperature on the Anticancer Activity of CaFe2O4@PVA Nanocarriers: Photodynamic Therapy and Drug Delivery Study. <b>2020</b> , 30, 5261-5269	7
624	Redox responsive paclitaxel dimer for programmed drug release and selectively killing cancer cells. <b>2020</b> , 580, 785-793	14
623	Solid Lipid Nanoparticles as Carriers of Natural Phenolic Compounds. <b>2020</b> , 9,	34
622	A Noninvasive, Orally Stable, Mucosa-Penetrating Polyvalent Vaccine Platform Based on Hepatitis E Virus Nanoparticle. <b>2020</b> ,	
621	Smart nanocarriers for cancer treatment: Clinical impact and safety. <b>2020</b> , 20, 100253	19
620	Study on the interfacial properties of polymers around a nanoparticle.. <b>2020</b> , 10, 28075-28082	3
619	Functional Electrospun Fibers for Local Therapy of Cancer. <b>2020</b> , 2, 229-245	60
618	Lanthanum nanoparticles to target the brain: proof of biodistribution and biocompatibility with adjuvant therapies. <b>2020</b> , 15, 2107-2117	2
617	Biophysical binding profile with ct-DNA and cytotoxic studies of a modulated nanoconjugate of umbelliferone cobalt oxide loaded on graphene oxide (GO) as drug carrier. <b>2020</b> , 1-12	4
616	Manganese Oxide Nanoparticles Inhibit the Growth of Subcutaneous U-87MG Glioblastoma Xenografts in Immunodeficient Mouse. <b>2020</b> , 170, 148-153	1

- 615 Novel peptide-directed liposomes for targeted combination therapy of breast tumors. **2020**, 1, 3483-3495 2
- 614 Building Blocks to Design Liposomal Delivery Systems. **2020**, 21, 9
- 613 Development and evaluation of polycaprolactone based docetaxel nanoparticle formulation for targeted breast cancer therapy. **2020**, 22, 1 8
- 612 Albumin-based lipoprotein nanoparticles for improved delivery and anticancer activity of curcumin for cancer treatment. **2020**, 15, 2851-2869 11
- 611 Encapsulation of Hydrophobic Drugs in Shell-by-Shell Coated Nanoparticles for Radio-and Chemotherapy-An In Vitro Study. **2020**, 7, 7
- 610 Silk Particles as Carriers of Therapeutic Molecules for Cancer Treatment. **2020**, 13, 9
- 609 Tailoring Midazolam-Loaded Chitosan Nanoparticulate Formulation for Enhanced Brain Delivery via Intranasal Route. **2020**, 12, 3
- 608 Enteric-Coated Strategies in Colorectal Cancer Nanoparticle Drug Delivery System. **2020**, 14, 4387-4405 12
- 607 Systemic Delivery Technologies in Anti-Aging Medicine: Methods and Applications. **2020**,
- 606 Tuning small molecule release from polymer micelles: Varying HS release through cross linking in the micelle core. **2020**, 141, 110077-110077 4
- 605 An Azide-Tethered Cremophor $\square$  ELP Surfactant Allowing Facile Post-Surface Functionalization of Nanoemulsions. **2020**, 93, 568-575 10
- 604 Sustainable Agriculture Reviews 43. **2020**, 1
- 603 Super-resolution Surface-Enhanced Raman Scattering Imaging of Single Particles in Cells. **2020**, 92, 9389-9398 14
- 602 Development of a Highly Specific Anti-drug Antibody Assay in Support of a Nanoparticle-based Therapeutic. **2020**, 22, 81
- 601 Recent Advances in Porphyrin-Based Inorganic Nanoparticles for Cancer Treatment. **2020**, 21, 21
- 600 Formulation, Characterization and Biological Activity Screening of Sodium Alginate-Gum Arabic Nanoparticles Loaded with Curcumin. **2020**, 25, 24
- 599 Bone Diseases: Current Approach and Future Perspectives in Drug Delivery Systems for Bone Targeted Therapeutics. **2020**, 10, 22
- 598 Improvement of delivery and anticancer activity of doxorubicin by sildenafil citrate encapsulated with a new redox and pH-responsive nanogel. **2020**, 1-10 2

597	In Vivo Targeting of Xenografted Human Cancer Cells with Functionalized Fluorescent Silica Nanoparticles in Zebrafish. <b>2020</b> ,	3
596	Co-delivery of all-trans-retinoic acid and docetaxel in drug conjugated polymeric nanoparticles: Improving controlled release and anticancer effect. <b>2020</b> , 25, 101280	3
595	Targeting lung cancer stem cells using combination of Tel and Docetaxel liposomes in 3D cultures and tumor xenografts. <b>2020</b> , 401, 115112	7
594	Nanomaterials and nanocomposite applications in veterinary medicine. <b>2020</b> , 583-638	2
593	Advanced drug delivery 2020 and beyond: Perspectives on the future. <b>2020</b> , 158, 4-16	34
592	Cathepsin B-responsive nanodrug delivery systems for precise diagnosis and targeted therapy of malignant tumors. <b>2020</b> , 31, 3027-3040	17
591	Light-assisted hierarchical intratumoral penetration and programmed antitumor therapy based on tumor microenvironment (TME)-amendatory and self-adaptive polymeric nanoclusters. <b>2020</b> , 255, 120166	17
590	Drug delivery systems based on nanoparticles and related nanostructures. <b>2020</b> , 151, 105412	23
589	Near infrared fluorogenic probe as a prodrug model for evaluating cargo release by nanoemulsions. <b>2020</b> , 8, 5938-5944	4
588	Starch as oral colon-specific nano- and microparticulate drug carriers. <b>2020</b> , 287-330	2
587	Biocompatibility of TiO <sub>2</sub> prolate nanospheroids as a potential photosensitizer in therapy of cancer. <b>2020</b> , 22, 1	2
586	Molecular insights and novel approaches for targeting tumor metastasis. <b>2020</b> , 585, 119556	33
585	Introduction to Active, Smart, and Intelligent Nanomaterials for Biomedical Application. <b>2020</b> , 1-16	2
584	Nanoparticles and their Biomedical Applications. <b>2020</b> ,	1
583	Facile coconut inflorescence sap mediated synthesis of silver nanoparticles and its diverse antimicrobial and cytotoxic properties. <b>2020</b> , 111, 110834	11
582	Effects of self-propulsion, chirality and noise-correlation on the entropic stochastic resonance of an active Brownian particle. <b>2020</b> , 65, 54-63	2
581	Chitosan, magnetite, silicon dioxide, and graphene oxide nanocomposites: Synthesis, characterization, efficiency as cisplatin drug delivery, and DFT calculations. <b>2020</b> , 154, 621-633	33
580	Bioactivatable reactive oxygen species-sensitive nanoparticulate system for chemo-photodynamic therapy. <b>2020</b> , 108, 273-284	21

579	Targeted nanosystem combined with chemo-photothermal therapy for hepatocellular carcinoma treatment. <b>2020</b> , 596, 124711	4
578	Synthesis, characterisation and enhanced apoptotic effect of gemcitabine-loaded albumin nanoparticles coating with chitosan. <b>2020</b> , 1-9	2
577	Lipid-derived renewable amphiphilic nanocarriers for drug delivery, biopolymer-based formulations. <b>2020</b> , 283-310	4
576	O-Carboxymethyl chitosan-based pH-responsive amphiphilic chitosan derivatives: Characterization, aggregation behavior, and application. <b>2020</b> , 237, 116112	13
575	Nanoneedle Platforms: The Many Ways to Pierce the Cell Membrane. <b>2020</b> , 30, 1909890	28
574	Echogenic exosomes as ultrasound contrast agents. <b>2020</b> , 2, 3411-3422	3
573	Exosome mediated transfer of miRNA-140 promotes enhanced chondrogenic differentiation of bone marrow stem cells for enhanced cartilage repair and regeneration. <b>2020</b> , 121, 3642-3652	24
572	pH-Triggered Drug Release Controlled by Poly(Styrene Sulfonate) Growth Hollow Mesoporous Silica Nanoparticles. <b>2020</b> , 5, 4261-4269	23
571	Oral administration of protein nanoparticles: An emerging route to disease treatment. <b>2020</b> , 158, 104685	23
570	Roughness Effects on the Surface Charge Properties of Silica Nanoparticles. <b>2020</b> , 124, 7274-7286	17
569	Interactions Between Tumor Biology and Targeted Nanoplatforms for Imaging Applications. <b>2020</b> , 30, 1910402	15
568	Nanotherapeutics in glioma management: Advances and future perspectives. <b>2020</b> , 57, 101626	4
567	Molecular Insights into the Loading and Dynamics of Doxorubicin on PEGylated Graphene Oxide Nanocarriers. <b>2020</b> , 3, 1354-1363	26
566	Probing Nanoparticle-Cell Interaction Using Micro-Raman Spectroscopy: Silver and Gold Nanoparticle-Induced Stress Effects on Optically Trapped Live Red Blood Cells. <b>2020</b> , 5, 1439-1447	15
565	Mesoporous Silica Nanoparticles for the Treatment of Complex Bone Diseases: Bone Cancer, Bone Infection and Osteoporosis. <b>2020</b> , 12,	60
564	Pluronic Polymer-Based Ormeloxifene Nanoformulations Induce Superior Anticancer Effects in Pancreatic Cancer Cells. <b>2020</b> , 5, 1147-1156	4
563	DOX-loaded peptide dendritic copolymer nanoparticles for combating multidrug resistance by regulating the lysosomal pathway of apoptosis in breast cancer cells. <b>2020</b> , 8, 1157-1170	8
562	Recent Developments in the Facile Bio-Synthesis of Gold Nanoparticles (AuNPs) and Their Biomedical Applications. <b>2020</b> , 15, 275-300	111



561	Evaluation of the Biodistribution of Serinolamide-Derivatized C Fullerene. <b>2020</b> , 10,	7
560	Enhanced anti-tumor and anti-metastasis therapy for triple negative breast cancer by CD44 receptor-targeted hybrid self-delivery micelles. <b>2020</b> , 577, 119085	14
559	Potential of nano-phytochemicals in cervical cancer therapy. <b>2020</b> , 505, 60-72	17
558	Theranostic Gastrointestinal Endoscopy: Bringing Healing Light to the Lumen. <b>2020</b> , 11, e00119	2
557	Delivering anticancer drugs as carrier-free nanocrystals. <b>2020</b> , 95-115	
556	The biomedical and bioengineering potential of protein nanocompartments. <b>2020</b> , 41, 107547	12
555	EGCG Mediated Targeting of Deregulated Signaling Pathways and Non-Coding RNAs in Different Cancers: Focus on JAK/STAT, Wnt/ECatenin, TGF/SMAD, NOTCH, SHH/GLI, and TRAIL Mediated Signaling Pathways. <b>2020</b> , 12,	19
554	Smart Biomimetic Nanocomposites Mediate Mitochondrial Outcome through Aerobic Glycolysis Reprogramming: A Promising Treatment for Lymphoma. <b>2020</b> , 12, 22687-22701	14
553	Controlled release of entrapped nanoparticles from thermoresponsive hydrogels with tunable network characteristics. <b>2020</b> , 16, 4756-4766	11
552	Physics in nanomedicine: Phenomena governing the in vivo performance of nanoparticles. <b>2020</b> , 7, 011316	26
551	Novel Chemo-Photothermal Therapy in Breast Cancer Using Methotrexate-Loaded Folic Acid Conjugated Au@SiO Nanoparticles. <b>2020</b> , 15, 62	23
550	Binding of Targeted Semiconducting Photothermal Polymer Nanoparticles for Intraperitoneal Detection and Treatment of Colorectal Cancer. <b>2020</b> , 4, 107-118	6
549	Nanoscale characterization of nanocarriers. <b>2020</b> , 49-65	2
548	Nanoparticle-based drug delivery systems for cancer therapy. <b>2020</b> , 1, 10-19	119
547	and biocompatibility study of MnFeO and CrFeO as photosensitizer for photodynamic therapy and drug delivery of anti-cancer drugs. <b>2020</b> , 46, 846-851	12
546	Applications of Chitosan in Pulmonary Drug Delivery. <b>2020</b> ,	2
545	Nanoparticles phenomenon for the thermal management of wavy flow of a Carreau fluid through a three-dimensional channel. <b>2021</b> , 143, 2395-2410	7
544	Emergence in protein derived nanomedicine as anticancer therapeutics: More than a tour de force. <b>2021</b> , 69, 77-90	8

543	Targeted Engineering of Medicinal Chemistry for Cancer Therapy: Recent Advances and Perspectives. <b>2021</b> , 60, 5626-5643	13
542	Particle engulfment by strongly asymmetric membranes with area reservoirs. <b>2021</b> , 17, 298-307	2
541	Zielgerichtete Wirkstoffe für die Krebstherapie: Aktuelle Entwicklungen und Perspektiven. <b>2021</b> , 133, 5686-5705	1
540	Bone-targeting polymer vesicles for simultaneous imaging and effective malignant bone tumor treatment. <b>2021</b> , 269, 120345	16
539	Chitosan coated magnetic nanoparticles as carriers of anticancer drug Telmisartan: pH-responsive controlled drug release and cytotoxicity studies. <b>2021</b> , 148, 109749	15
538	Recent advances in the redox-responsive drug delivery nanoplatforms: A chemical structure and physical property perspective. <b>2021</b> , 118, 111536	31
537	Recent insight into functional crystalline porous frameworks for cancer photodynamic therapy. <b>2021</b> , 8, 848-879	12
536	Nucleic acid biohybrid nanocarriers with high-therapeutic payload and controllable extended release of daunomycin for cancer therapy. <b>2021</b> , 109, 1256-1265	2
535	Effects of carbon-based nanomaterials on vascular endothelia under physiological and pathological conditions: interactions, mechanisms and potential therapeutic applications. <b>2021</b> , 330, 945-962	8
534	Advances and perspectives in carrier-free nanodrugs for cancer chemo-mono-therapy and combination therapy. <b>2021</b> , 268, 120557	46
533	A Boron-10 nitride nanosheet for combinational boron neutron capture therapy and chemotherapy of tumor. <b>2021</b> , 268, 120587	11
532	Self-Assembled Nanoparticles as Cancer Therapeutic Agents. <b>2021</b> , 8, 2001602	4
531	Fabrication of a smart and biocompatible brush copolymer decorated on magnetic graphene oxide hybrid nanostructure for drug delivery application. <b>2021</b> , 142, 110126	19
530	The application of nano-medicine to overcome the challenges related to immune checkpoint blockades in cancer immunotherapy: Recent advances and opportunities. <b>2021</b> , 157, 103160	11
529	The Utilization of Poly(2-ethyl-2-oxazoline)-b-Poly(E-caprolactone) Ellipsoidal Particles for Intracellular BIKDDA Delivery to Prostate Cancer. <b>2021</b> , 21, e2000287	
528	Nanoparticles and lung cancer. <b>2021</b> , 107-118	1
527	Nanoparticles and prostate cancer. <b>2021</b> , 275-318	3
526	Surface receptor-mediated targeted drug delivery systems for enhanced cancer treatment: A state-of-the-art review. <b>2021</b> , 82, 309-340	14

525	Targeting Approaches Using Polymeric Nanocarriers. <b>2021</b> , 393-421	
524	Anti-tumour effects of a dual cancer-specific oncolytic adenovirus on Breast Cancer Stem cells. <b>2021</b> , 25, 666-676	2
523	Supramolecular engineering of polymeric nanodrugs for antitumor chemotherapy. <b>2021</b> , 416, 127968	2
522	Nanocarriers targeting adipose macrophages increase glucocorticoid anti-inflammatory potency to ameliorate metabolic dysfunction. <b>2021</b> , 9, 506-518	3
521	Physical supercritical fluid deposition of polymer films: controlling the crystallinity with pressure. <b>2021</b> , 5, 1428-1437	3
520	Gold nanoparticle-mediated bubbles in cancer nanotechnology. <b>2021</b> , 330, 49-60	21
519	Controlling the length of self-assembled microtubes through mechanical stress-induced scission. <b>2021</b> , 57, 468-471	0
518	Treating blood cancer with nanotechnology: A paradigm shift. <b>2021</b> , 225-243	0
517	Investigation of the antibacterial properties of silver nanoparticles synthesized using <i>Abelmoschus esculentus</i> extract and their ceramic applications. <b>2021</b> , 18, 849-860	9
516	Surface-modified polymeric nanoparticles for drug delivery to cancer cells. <b>2021</b> , 18, 1-24	11
515	Implications of nanotechnology for the treatment of cancer: Recent advances. <b>2021</b> , 69, 190-199	13
514	Nanomaterials multifunctional behavior for enlightened cancer therapeutics. <b>2021</b> , 69, 178-189	15
513	Flavonoids nanoparticles in cancer: Treatment, prevention and clinical prospects. <b>2021</b> , 69, 200-211	54
512	Functional nanocomposites: promising candidates for cancer diagnosis and treatment. <b>2021</b> , 279-340	1
511	Polymer and Ceramic Nanotechnology for Biomedical Applications. <b>2021</b> , 1357-1375	
510	Drug Delivery Towards Cancer. <b>2021</b> , 225-240	
509	Coupling metal organic frameworks with molybdenum disulfide nanoflakes for targeted cancer theranostics. <b>2021</b> , 9, 3306-3318	3
508	Emerging Nano-Based Drug Delivery Approach for Cancer Therapeutics. <b>2021</b> , 271-293	0

507	Obstructions in Nanoparticles Conveyance, Nano-Drug Retention, and EPR Effect in Cancer Therapies. <b>2021</b> , 669-704	1
506	Thermodynamics and Kinetics of the Interactions Between Proteins and Hydrophilic Polymers. <b>2021</b> , 65-76	
505	Mesoporous Silica Nanoparticles. <b>2021</b> , 458-513	
504	Nanoparticles for Cancer Therapy. <b>2021</b> , 1-45	
503	Boosting cancer therapy efficiency photoinduced radical production. <b>2021</b> , 12, 9500-9505	0
502	, Nanoparticle-Enabled Fluorescence Imaging?. <b>2021</b> , 15, 1917-1941	16
501	Smart near infrared-responsive nanocomposite hydrogels for therapeutics and diagnostics. <b>2021</b> , 9, 7100-71166	
500	DDAB cationic lipid-mPEG, PCL copolymer hybrid nano-carrier synthesis and application for delivery of siRNA targeting IGF-1R into breast cancer cells. <b>2021</b> , 23, 1167-1178	5
499	Potential applications of polymeric-nanomaterial as drug delivery carriers in the biomedical field. <b>2021</b> , 109-134	1
498	Bionanocomposites for In Situ Drug Delivery in Cancer Therapy: Early and Late Evaluations. <b>2021</b> , 145-165	
497	Co-delivery of Salinomycin and Curcumin for Cancer Stem Cell Treatment by Inhibition of Cell Proliferation, Cell Cycle Arrest, and Epithelial-Mesenchymal Transition. <b>2020</b> , 8, 601649	5
496	The role of solvent additive in polymer crystallinity during physical supercritical fluid deposition. <b>2021</b> , 45, 11786-11796	1
495	Raltitrexed-Modified Gold and Silver Nanoparticles for Targeted Cancer Therapy: Cytotoxicity Behavior In Vitro on A549 and HCT-116 Human Cancer Cells. <b>2021</b> , 14,	2
494	Ru(ii), Ir(iii), Re(i) and Rh(iii) based complexes as next generation anticancer metallopharmaceuticals. <b>2021</b> , 50, 11259-11290	4
493	Target drug delivery in cancer. <b>2021</b> , 37-45	
492	Advanced drug delivery systems in blood cancer. <b>2021</b> , 141-154	
491	A Universal Measurement Method for Nanoparticle Number Concentration Based on Atomic Force Microscope. <b>2021</b> , 1-1	0
490	A tumor extracellular pH-sensitive PD-L1 binding peptide nanoparticle for chemo-immunotherapy of cancer. <b>2021</b> , 9, 4201-4210	6

489	Nanoparticles for Anticancer Drug Delivery. <b>2021</b> , 71-81	0
488	Good laboratory practice and current good manufacturing practice requirements in the development of cancer nanomedicines. <b>2021</b> , 341-352	
487	Drug delivery systems in cancer therapy. <b>2021</b> , 423-454	1
486	Subcellular Drug Depots as Reservoirs for Small-Molecule Drugs. <b>2021</b> , 397-434	
485	Highly Toxic Nanomaterials for Cancer Treatment. <b>2021</b> , 161-185	
484	Advancements in Cancer Therapeutics. <b>2021</b> , 382-412	0
483	Dendrimer-based nanoformulations as drug carriers for cancer treatment. <b>2021</b> , 137-159	
482	Protective Effects of Jasonia Montana-Selenium Nanoparticles Against Doxorubicin-Induced Liver Toxicity. <b>2021</b> , 20, 37-45	1
481	Monitoring of the choline/lipid ratio by H-MRS can be helpful for prediction and early detection of tumor response to nano-photo-thermal therapy. <b>2021</b> , 1	1
480	CEST MRI trackable nanoparticle drug delivery systems. <b>2021</b> , 16, 024103	2
479	Self-assembled Viral Nanoparticles as Targeted Anticancer Vehicles. <b>2021</b> , 26, 1-14	4
478	Polycaprolactone Nanoparticles as Promising Candidates for Nanocarriers in Novel Nanomedicines. <b>2021</b> , 13,	11
477	Application of Emerging Plant-Derived Nanoparticles as a Novel Approach for Nano-Drug Delivery Systems. <b>2021</b> , 1-21	5
476	Therapeutic nanostructures and nanotoxicity. <b>2021</b> , 41, 1494-1517	4
475	Doxorubicin-loaded pH-sensitive micelles: A promising alternative to enhance antitumor activity and reduce toxicity. <b>2021</b> , 134, 111076	10
474	Self-assembled 5-fluorouracil-cinnamaldehyde nanodrugs for greatly improved chemotherapy in vivo. <b>2021</b> , 36, 592-604	0
473	Gold Derivatives Development as Prospective Anticancer Drugs for Breast Cancer Treatment. <b>2021</b> , 11, 2089	4
472	Mesoporous silica particles based on complex micelles of poorly water-soluble compounds. One simple step to multidrug carriers. <b>2021</b> , 316, 110911	3

471	Aggressiveness of 4T1 breast cancer cells hampered by Wnt production-2 inhibitor nanoparticles: An in vitro study. <b>2021</b> , 596, 120208	0
470	Stimuli-responsive smart nanoparticles with well-defined random and triblock terpolymers for controlled release of an anticancer drug. <b>2021</b> , 26, 101974	
469	Boron Nitride Nanotube as an Antimicrobial Peptide Carrier: A Theoretical Insight. <b>2021</b> , 16, 1837-1847	13
468	Confinement of the antitumoral drug cisplatin inside edge-functionalized carbon nanotubes and its release near lipid membrane. <b>2021</b> , 75, 1	1
467	Nanosponges Encapsulated Phytochemicals for Targeting Cancer: A Review. <b>2021</b> , 22, 443-462	4
466	Rational nanocarrier design towards the clinical translation of cancer nanotherapy. <b>2021</b> ,	4
465	Recent trends in cancer therapy: A review on the current state of gene delivery. <b>2021</b> , 269, 119087	34
464	Insight Into the Prospects for RNAi Therapy of Cancer. <b>2021</b> , 12, 644718	16
463	Towards the development of a targeted albumin-binding radioligand: Synthesis, radiolabelling and preliminary in vivo studies. <b>2021</b> , 94-95, 53-66	2
462	Nanoscale Detection of Subcellular Nanoparticles by X-Ray Diffraction Imaging for Precise Quantitative Analysis of Whole Cancer Cells. <b>2021</b> , 93, 5201-5210	0
461	Cancer Therapy Using a Targeted Magnetoliposomes Encapsulated Doxorubicin Assisted Ultrasound. 1-8	2
460	Imaging modalities delivery of RNAi therapeutics in cancer therapy and clinical applications. <b>2021</b> , 5, 005-034	
459	Transgene Delivery to Human Induced Pluripotent Stem Cells Using Nanoparticles. <b>2021</b> , 14,	
458	Nanoparticle-based methodologies for targeted drug delivery—An insight. <b>2021</b> , 23, 1	5
457	Nano Technological Approaches for Anti-tumour Therapy: Opportunities and Challenges. <b>2021</b> , 11, 1-13	
456	Self-Assembling pH-Responsive Nanoparticle Platform Based on Pectin-Doxorubicin Conjugates for Codelivery of Anticancer Drugs. <b>2021</b> , 6, 9998-10004	3
455	Biodegradable Flexible Electronic Device with Controlled Drug Release for Cancer Treatment. <b>2021</b> , 13, 21067-21075	5
454	Simple and feasible design of a polymeric nanoparticle for efficient anticancer drug delivery. <b>2021</b> , 75, 4035-4044	

453	Stealthiness and Hematocompatibility of Gold Nanoparticles with Pre-Formed Protein Corona. <b>2021</b> , 37, 4913-4923	2
452	pH-Responsive Amphiphilic Polyether Micelles with Superior Stability for Smart Drug Delivery. <b>2021</b> , 22, 2043-2056	13
451	Cancer Nanopharmaceuticals: Physicochemical Characterization and In Vitro/In Vivo Applications. <b>2021</b> , 13,	5
450	Facile synthesis of B,N-doped CQDs as versatile fluorescence probes for sensitive detection of cobalt ions in environmental water and biological samples. <b>2021</b> , 163, 105888	7
449	Review on the Optical Properties of Nanoparticle Aggregates Towards the Therapeutic Applications. <b>2021</b> , 16, 1495-1513	1
448	Phyto-fabricated silver nanoparticles inducing microbial cell death via reactive oxygen species-mediated membrane damage. <b>2021</b> , 15, 492-504	1
447	Nanoparticles approaches in neurodegenerative diseases diagnosis and treatment. <b>2021</b> , 42, 2653-2660	2
446	Alkaloids Self-Assembled Supramolecular Nanocapsules with Enhanced Antioxidant and Cytotoxic Activities. <b>2021</b> , 6, 11954-11963	7
445	Optimization delivery of 5-fluorouracil onto different morphologies of ZnO NPs: release and functional effects against colorectal cancer cell lines. <b>2021</b> , 75, 4113-4127	1
444	Green Synthesis of Platinum and Palladium Nanoparticles Using L. Seed Alkaloids: Biological and Computational Studies. <b>2021</b> , 11,	23
443	Emerging innovations in nano-enabled therapy against age-related macular degeneration: A paradigm shift. <b>2021</b> , 600, 120499	3
442	Loading Optimization of Mesoporous Silica Nanoparticle as Drug Delivery Agent. <b>2021</b> , 1912, 012045	
441	A comprehensive review on alginate-based delivery systems for the delivery of chemotherapeutic agent: Doxorubicin. <b>2021</b> , 259, 117696	32
440	Organic optical agents for image-guided combined cancer therapy. <b>2021</b> , 16,	1
439	Synthesis of pH-sensitive nanocarriers based on polyacrylamide grafted nanocrystalline cellulose for targeted drug delivery to folate receptor in breast cancer cells. <b>2021</b> , 150, 110398	8
438	Inkjet printing of small molecules, biologics, and nanoparticles. <b>2021</b> , 600, 120462	5
437	Multifunctional nanoparticles as theranostic agents for therapy and imaging of breast cancer. <b>2021</b> , 218, 112110	6
436	Development of Polymer-Assisted Nanoparticles and Nanogels for Cancer Therapy: An Update. <b>2021</b> , 7,	12

- 435 Inhibitory Effect of pH-Responsive Nanogel Encapsulating Ginsenoside CK against Lung Cancer. **2021**, 13, 3
- 434 Nanomaterials to Fight Cancer: An Overview on Their Multifunctional Exploitability. **2021**, 21, 2760-2777
- 433 Cytotoxicity of chlorambucil immobilized on magnetic iron oxide nanoparticles Fe<sub>3</sub>O<sub>4</sub>. **2021**, 16, 515-523 0
- 432 Dual-Ligand-Modified Liposomes Co-Loaded with Anti-Angiogenic and Chemotherapeutic Drugs for Inhibiting Tumor Angiogenesis and Metastasis. **2021**, 16, 4001-4016 4
- 431 Polymeric Drug Delivery System Based on Pluronics for Cancer Treatment. **2021**, 26, 9
- 430 In vitro sustained release of gallic acid from the size-controlled PEGylated magnetite nanoparticles. **2021**, 75, 5339-5352 0
- 429 A Review on Green Synthesis, Characterization and Anticancer Application of Metallic Nanoparticles. **2021**, 193, 2357-2378 0
- 428 Cell-Penetrating Peptides: Applications in Tumor Diagnosis and Therapeutics. **2021**, 13, 4
- 427 Green synthesis of silver nanoparticles from *Stachys byzantina* K. Koch: characterization, antioxidant, antibacterial, and cytotoxic activity. 1-14 3
- 426 Biparatopic Protein Nanoparticles for the Precision Therapy of CXCR4 Cancers. **2021**, 13, 2
- 425 In vitro release and cytotoxicity activity of 5-fluorouracil entrapped polycaprolactone nanoparticles. 1 0
- 424 Photodynamic Therapy and Hyperthermia in Combination Treatment-Neglected Forces in the Fight against Cancer. **2021**, 13, 4
- 423 Polymeric Nanocomposites for Cancer-Targeted Drug Delivery. **2022**, 241-270 1
- 422 Application of nanoparticles in cancer therapy with an emphasis on cell cycle. **2021**, 45, 1989-1998 6
- 421 Investigation of squalene-doxorubicin distribution and interactions within single cancer cell using Raman microspectroscopy. **2021**, 35, 102404 3
- 420 Graphene-based nanomaterials for breast cancer treatment: promising therapeutic strategies. **2021**, 19, 211 6
- 419 On-chip transporting arresting and characterizing individual nano-objects in biological ionic liquids. **2021**, 7, 0
- 418 Synthesis and characterizations of gentamicin-loaded poly-lactic-co-glycolic (PLGA) nanoparticles. **2021**, 23, 1 2



4 <sup>17</sup>	The cancer therapy materialization by theranostic nanoparticles based on gold doped iron oxide under electromagnetic field amplification. <b>2021</b> , 35, 102406	1
4 <sup>16</sup>	pH/ROS Dual-Responsive Polymer-Drug-Based Nanocarriers: Click-Reaction Preparation and Fluorescence Imaging-Guided Chemotherapy and Photodynamic Therapy.. <b>2021</b> , 4, 6294-6303	1
4 <sup>15</sup>	Novel Technologies for Target Delivery of Therapeutics to the Placenta during Pregnancy: A Review. <b>2021</b> , 12,	1
4 <sup>14</sup>	Design of experiments (DoE) to develop and to optimize nanoparticles as drug delivery systems. <b>2021</b> , 165, 127-148	19
4 <sup>13</sup>	Nanotherapeutics and nanotheragnostics for cancers: properties, pharmacokinetics, biopharmaceutics, and biosafety. <b>2021</b> ,	0
4 <sup>12</sup>	A general prodrug nanohydrogel platform for reduction-triggered drug activation and treatment of taxane-resistant malignancies. <b>2021</b> , 130, 409-422	2
4 <sup>11</sup>	Biodegradable Metal Organic Frameworks for Multimodal Imaging and Targeting Theranostics. <b>2021</b> , 11,	2
4 <sup>10</sup>	Synthesis of Biogenic Silver Nanoparticles with Eco-Friendly Processes Using Ganoderma lucidum Extract and Evaluation of Their Theranostic Applications. <b>2021</b> , 2021, 1-11	6
4 <sup>09</sup>	Design and Synthesis of Lactose, Galactose and Cholic Acid Related Dual Conjugated Chitosan Derivatives as Potential Anti Liver Cancer Drug Carriers. <b>2021</b> , 13,	0
4 <sup>08</sup>	Synthesis and Characterization of Zinc Oxide Nanoparticles of Solanum nigrum and Its Anticancer Activity via the Induction of Apoptosis in Cervical Cancer. <b>2021</b> , 1	2
4 <sup>07</sup>	New Applications of Zirconium Phosphate Nanomaterials. <b>2021</b> , 2, 793-803	2
4 <sup>06</sup>	Dynamics of Nanoparticles in Polydisperse Polymer Networks: from Free Diffusion to Hopping. <b>2021</b> , 54, 8575-8589	3
4 <sup>05</sup>	Global Trends in Cancer Nanotechnology: A Qualitative Scientific Mapping Using Content-Based and Bibliometric Features for Machine Learning Text Classification. <b>2021</b> , 13,	1
4 <sup>04</sup>	Novel angiogenic metal nanoparticles controlling intracellular gene activation in stem cells. <b>2021</b> , 419, 129487	1
4 <sup>03</sup>	The Efficiency of AuNPs in Cancer Cell Targeting Compared to Other Nanomedicine Technologies Using Fuzzy PROMETHEE. <b>2021</b> , 2021, 1566834	3
4 <sup>02</sup>	A ruthenium phthalocyanine functionalized with a folic acid unit as a photosensitizer for photodynamic therapy: Synthesis, characterization and in vitro evaluation.	1
4 <sup>01</sup>	Magnetic hyperthermia mediated by Escherichia coli for targeted cancer therapy. <b>2021</b> , 126, 29-35	1
4 <sup>00</sup>	Genotypic diversity of 17 cacti species and application to biosynthesis of gold nanoparticles. <b>2021</b> , 259, 119909	2

399	Albendazole-loaded cubosomes interrupt the ERK1/2-HIF-1 $\beta$ -p300/CREB axis in mice intoxicated with diethylnitrosamine: A new paradigm in drug repurposing for the inhibition of hepatocellular carcinoma progression. <b>2021</b> , 142, 112029	7
398	Therapeutic agent-based infinite coordination polymer nanomedicines for tumor therapy. <b>2021</b> , 445, 214059	5
397	Bioactive nanotherapeutic trends to combat triple negative breast cancer. <b>2021</b> , 6, 3269-3287	11
396	Nanocarriers-mediated therapeutics as a promising approach for treatment and diagnosis of lung cancer. <b>2021</b> , 65, 102677	3
395	A comparison between plain eugenol and eugenol-loaded chitosan nanoparticles for prevention of in vitro selenite-induced cataractogenesis. <b>2021</b> , 65, 102696	1
394	Delivery of doxorubicin loaded P18 conjugated-poly(2-ethyl-oxazoline)-DOPE nanoliposomes for targeted therapy of breast cancer. <b>2021</b> , 428, 115671	1
393	Crystalline Gold nanoparticles adjusted by carboxymethyl cellulose and citrate salt: Fabrication, characterization, and in vitro anticancer activity. <b>2021</b> , 340, 117202	0
392	Adhesion behavior of silica nanoparticles with bacteria: Spectroscopy measurements based on kinetics, and molecular docking. <b>2021</b> , 343, 117651	1
391	NIR responsive AuNR/pNIPAM/PEGDA inverse opal hydrogel microcarriers for controllable drug delivery. <b>2021</b> , 45, 7893-7899	2
390	Emerging indocyanine green-integrated nanocarriers for multimodal cancer therapy: a review. <b>2021</b> , 3, 3332-3352	6
389	Dextran-based nanomaterials in drug delivery applications. <b>2021</b> , 293-312	
388	Polymer and Ceramic Nanotechnology for Biomedical Applications. <b>2021</b> , 1-20	
387	Receptor-interacting protein in malignant digestive neoplasms. <b>2021</b> , 12, 4362-4371	0
386	Using magnetic nanoparticles in iPSCs. <b>2021</b> , 37-53	
385	Protective Effects of Spirulina Platensis- Selenium Nanoparticles Against Nicotine Induced-Lung Toxicity. <b>2021</b> , 20, 9-17	1
384	Synthesis, characterisation and functionalisation of BAB-type dual-responsive nanocarriers for targeted drug delivery: evolution of nanoparticles based on 2-vinylpyridine and diethyl vinylphosphonate.. <b>2021</b> , 11, 1586-1594	1
383	Metal-phenolic networks for cancer theranostics. <b>2021</b> , 9, 2825-2849	11
382	Nanopolymeric systems to improve brain cancer treatment outcomes. <b>2021</b> , 355-394	

381	Phytomedicine and phytonanocompositesAn expanding horizon. <b>2021</b> , 95-147	
380	Nano-pharmacokinetics: interface of physics, chemistry and biology. <b>2021</b> , 29-54	
379	Electrospun Nanofibers for Cancer Therapy. <b>2021</b> , 1295, 163-190	5
378	Cyclodextrin nanosponge for the GSH-mediated delivery of Resveratrol in human cancer cells. <b>2021</b> , 5, 197-212	8
377	Drug Delivery Strategies for Combating Multiple Drug Resistance. 1	2
376	Nanoparticles-Based Carriers for Gene Therapy and Drug Delivery. 471-492	1
375	Nanoenabled Products: Categories, Manufacture, and Applications. 409-464	3
374	Assessment of Toxicity of Nanoparticles Using Insects as Biological Models. <b>2020</b> , 2118, 269-279	1
373	Nanomedicine in Cancer Diagnosis and Therapy: Converging Medical Technologies Impacting Healthcare. <b>2014</b> , 365-384	1
372	Molecular-targeted therapy for cancer and nanotechnology. <b>2010</b> , 624, 11-23	6
371	Application of ICP-MS for the study of disposition and toxicity of metal-based nanomaterials. <b>2012</b> , 926, 345-59	2
370	Passive vs. Active Targeting: An Update of the EPR Role in Drug Delivery to Tumors. <b>2014</b> , 3-45	3
369	Targeted Liposomes and Micelles as Carriers for Cancer Therapy. <b>2014</b> , 95-122	0
368	Sorghum. <b>2015</b> , 33-39	0
367	Biomedical Applications of Anisotropic Gold Nanoparticles. <b>2017</b> , 399-426	3
366	Mass Transport via Cellular Barriers and Endocytosis. <b>2011</b> , 3-55	3
365	Therapeutic Applications of Graphene Oxides in Angiogenesis and Cancers. <b>2020</b> , 147-189	4
364	Ultrasonic Drug Delivery Using Micelles and Liposomes. <b>2015</b> , 1-35	1

363	Targeted delivery of nanoparticles. <b>2020</b> , 16, 253-264	2
362	Imaging the delivery of drug-loaded, iron-stabilized micelles. <b>2017</b> , 13, 1353-1362	11
361	Functional Nanocarriers for Drug Delivery by Surface Engineering of Polymeric Nanoparticle Post-Polymerization-Induced Self-Assembly. <b>2021</b> , 4, 1045-1056	9
360	Near infrared fluorescent peptide nanoparticles for enhancing esophageal cancer therapeutic efficacy. <b>2018</b> , 9, 2605	87
359	Papain bioinspired gold nanoparticles augmented the anticancer potency of 5-FU against lung cancer. <b>2020</b> , 15, 109-128	9
358	Smart Polymers: Drug Delivery. 7381-7395	1
357	Engulfment of ellipsoidal nanoparticles by membranes: full description of orientational changes. <b>2020</b> , 32, 294001	1
356	Cabozantinib unlocks efficient in vivo targeted delivery of neutrophil-loaded nanoparticles into murine prostate tumors.	1
355	MicroRNA-375-3p enhances chemosensitivity to 5-fluorouracil by targeting thymidylate synthase in colorectal cancer. <b>2020</b> , 111, 1528-1541	38
354	Multimodal non-gadolinium oxide nanoparticles for MRI and fluorescence labelling. <b>2018</b> ,	2
353	Phytochemicals as Potential Anticancer Drugs: Time to Ponder Nature's Bounty. <b>2020</b> , 2020, 8602879	44
352	Cabozantinib Unlocks Efficient Targeted Delivery of Neutrophil-Loaded Nanoparticles into Murine Prostate Tumors. <b>2021</b> , 20, 438-449	4
351	Access granted: iRGD helps silicasome-encased drugs breach the tumor barrier. <b>2017</b> , 127, 1622-1624	7
350	Nano drug delivery systems in upper gastrointestinal cancer therapy. <b>2020</b> , 7, 38	8
349	The Role of Nanoparticle Suspensions in Thermo/Fluid and Biomedical Applications. <b>2012</b> , 25-68	2
348	Detection Methods for the In Vivo Biodistribution of Iron Oxide and Silica Nanoparticles. <b>2014</b> , 177-200	1
347	Application of Nanoparticles in Food Preservation and Food Processing. <b>2019</b> , 34, 317-324	9
346	Evaluation of nanoparticle uptake in co-culture cancer models. <b>2013</b> , 8, e70072	39

345	Human Lipocalin-Type Prostaglandin D Synthase-Based Drug Delivery System for Poorly Water-Soluble Anti-Cancer Drug SN-38. <b>2015</b> , 10, e0142206	8
344	pH-Sensitive Nanomedicine for Treating Gynaecological Cancers. <b>2018</b> , 2, 35-50	4
343	The Use of Iron Oxide Nanoparticles for Pancreatic Cancer Therapy. <b>2014</b> , 1,	5
342	Protein Nanoparticle as a Versatile Drug Delivery System in Nanotechnology. <b>2016</b> , 4,	6
341	Polymeric nanoparticle-docetaxel for the treatment of advanced solid tumors: phase I clinical trial and preclinical data from an orthotopic pancreatic cancer model. <b>2016</b> , 7, 77348-77357	17
340	Canonical and non-canonical barriers facing anti-miR cancer therapeutics. <b>2013</b> , 20, 3582-93	41
339	The Design and Application of Nanomaterials as Drug Carriers in Cancer Treatment. <b>2020</b> , 27, 6112-6135	2
338	Nanoparticles in Combating Cancer: Opportunities and Limitations. A Brief Review. <b>2021</b> , 28, 346-359	16
337	Modular nanotransporters for targeted intracellular delivery of drugs: folate receptors as potential targets. <b>2015</b> , 21, 1227-38	17
336	Targeting Polymeric Nanobiomaterials as a Platform for Cartilage Tissue Engineering. <b>2019</b> , 25, 1915-1932	5
335	Current Nanoparticle Approaches in Nose to Brain Drug Delivery and Anticancer Therapy - A Review. <b>2020</b> , 26, 1128-1137	25
334	Advances in Nanoparticles as Anticancer Drug Delivery Vector: Need of this Century. <b>2020</b> , 26, 1637-1649	8
333	Advances in the use of MOFs for Cancer Diagnosis and Treatment: An Overview. <b>2020</b> , 26, 4174-4184	4
332	Advancements in Polymer and Lipid-based Nanotherapeutics for Cancer Drug Targeting. <b>2020</b> , 26, 5119-5127	3
331	Nanotherapeutics for the Treatment of Cancer and Arthritis. <b>2019</b> , 20, 430-445	7
330	Biodegradable Stimuli-Responsive Polymeric Micelles for Treatment of Malignancy. <b>2016</b> , 17, 227-36	25
329	Recent Insights into Effective Nanomaterials and Biomacromolecules Conjugation in Advanced Drug Targeting. <b>2019</b> , 20, 526-541	14
328	Immunoliposomes: Synthesis, Structure, and their Potential as Drug Delivery Carriers. <b>2020</b> , 16, 306-319	4

327	Review on Targeted Drug Delivery Carriers Used in Nanobiomedical Applications. <b>2019</b> , 15, 382-397	11
326	A Mini-Review on Nano Technology in the Tumour Targeting Strategies: Drug Delivery to Cancer Cells. <b>2020</b> , 20, 2012-2024	5
325	Formulation and Characterization of Gefitinib-loaded Polymeric Nanoparticles Using Box-Behnken Design. <b>2019</b> , 9, 46-60	4
324	Carbon nanotubes functionalized with folic acid attached via biomimetic peptide linker. <b>2017</b> , 12, 2161-2182	9
323	Research Progress and Prospect of Nanoplatforms for Treatment of Oral Cancer. <b>2020</b> , 11, 616101	1
322	Enhancement of Efficacy and Reduced Toxicity of Cisplatin Through Self Nanoemulsifying Drug Delivery System (SNEDDS). <b>2017</b> , 13, 292-302	6
321	Role of Boswellic Acids in Cancer Treatment. <b>2014</b> , 14, 261-269	5
320	Tumor microenvironment and nanotherapeutics. <b>2013</b> , 2, 309-319	65
319	Application Potential of Polymeric Nanoconstructs for Colon-Specific Drug Delivery. <b>2018</b> , 22-49	5
318	Mesoporous Silica Nanoparticles. <b>2018</b> , 192-246	2
317	Role of membrane-embedded drug efflux ABC transporters in the cancer chemotherapy. <b>2020</b> , 14, 448	16
316	SYK as a New Therapeutic Target in B-Cell Precursor Acute Lymphoblastic Leukemia. <b>2014</b> , 5, 124-131	16
315	Curcumin-encapsulating Nanogels as an Effective Anticancer Formulation for Intracellular Uptake. <b>2015</b> , 7, 25-40	18
314	Nanotechnology in Cancer Therapy: Overview and Applications. <b>2011</b> , 41, 59-65	3
313	Breaking down the Barrier: Topical Liposomes as Nanocarriers for Drug Delivery into the Posterior Segment of the Eyeball.	4
312	PLGA-based nanoparticles as cancer drug delivery systems. <b>2014</b> , 15, 517-35	255
311	Curcumin-loaded PLGA nanoparticles conjugated with anti- P-glycoprotein antibody to overcome multidrug resistance. <b>2014</b> , 15, 9249-58	23
310	pH-responsive mesoporous silica nanoparticles employed in controlled drug delivery systems for cancer treatment. <b>2014</b> , 11, 34-43	96

309	Emerging Metal-Organic Framework Nanomaterials for Cancer Theranostics. <b>2021</b> , 231-274	0
308	Nano-oncology: Clinical Application for Cancer Therapy and Future Perspectives. <b>2021</b> , 49-95	
307	Role of Artificial Intelligence in Cancer Nanotheranostics. <b>2021</b> , 285-304	
306	Development of a pH-sensitive functionalized metal organic framework: study for simultaneous delivery of doxorubicin and cyclophosphamide in breast cancer.. <b>2021</b> , 11, 33723-33733	2
305	Review: Development of SARS-CoV-2 immuno-enhanced COVID-19 vaccines with nano-platform. <b>2021</b> , 1-30	1
304	Bincer Movement Reversing cisplatin resistance based on simultaneous glutathione depletion and glutathione S-transferases inhibition by redox-responsive degradable organosilica hybrid nanoparticles. <b>2021</b> ,	2
303	Surface modification of nano-drug delivery systems for enhancing antibiotic delivery and activity. <b>2021</b> , e1758	6
302	A novel formulation of theranostic nanomedicine for targeting drug delivery to gastrointestinal tract cancer. <b>2021</b> , 12,	4
301	Calcium-Based Biomineralization: A Smart Approach for the Design of Novel Multifunctional Hybrid Materials. <b>2021</b> , 5, 278	0
300	Innovative nanochemotherapy for overcoming cancer multidrug resistance. <b>2021</b> , 33,	1
299	Designed Antitumor Peptide for Targeted siRNA Delivery into Cancer Spheroids. <b>2021</b> , 13, 49713-49728	5
298	Luminescent core-shell Ca <sub>2</sub> MoO <sub>5</sub> :Eu <sup>3+</sup> -MCM-41 structure for sustained drug release. <b>2021</b> , 22, 100581	1
297	Preparation and Characterization of Nano-sized Hydrogels (nanogels) Using Inverse-mini-emulsion Polymerization Method for Protein Drug Delivery. <b>2010</b> , 40, 73-78	
296	Immunoliposomes. 951-987	1
295	Pathological Materiomics. <b>2012</b> , 357-398	
294	Strategies of Targeting Tumors and Cancers.	2
293	Targeting Mantle Cell Lymphoma with Anti-SYK Nanoparticles. <b>2012</b> , 1, 1-9	4
292	Immunonanosystems to CNS Pathologies. <b>2012</b> , 107-168	

- 291 Pegylated Zinc Protoporphyrin: A Micelle-Forming Polymeric Drug for Cancer Therapy. **2012**, 181-212
- 290 Polymeric Nanoparticles for Targeted Delivery of Bioactive Agents and Drugs. **2013**, 593-616
- 289 Nanophosphors-Nanogold Immunoconjugates in Isolation of Biomembranes and in Drug Delivery. 285-310
- 288 Polymer-Based Colloidal Aggregates as a New Class of Drug Delivery Systems. **2013**, 659-682
- 287 The Sustained-Release Drug Delivery Based on Nano Calcium Carbonate. **2013**, 03, 41-46
- 286 Metal-Based Indolobenzazepines and Indoloquinolines: From Moderate CDK Inhibitors to Potential Antitumor Drugs. 605-617 3
- 285 Environmental Interactions of Geo- and Bio-Macromolecules with Nanomaterials. **2014**, 257-290
- 284 Aptamer-Functionalized Nanomaterials for Biological and Biomedical Applications. **2014**, 1159-1175
- 283 Nano-Based Drug Delivery Modalities for the Treatment of Cancer: The Formulation of Tumour-Specific and -Targeted Nanoparticles. **2014**, 471-501
- 282 Nanocarriers and MicroRNA-Based Scenarios for Cancer Therapy. **2014**, 387-411
- 281 Nano-Platforms for Tumor-Targeted Delivery of Nucleic Acid Therapies. **2014**, 269-291
- 280 Encyclopedia of Cancer. **2014**, 1-5
- 279 Nanomaterials in Healthcare. **2014**, 57-68
- 278 Hepatic Targeting: Physiological Basis and Design Strategy. **2015**, 197-238
- 277 Modulating Oxidative Stress: A Nanotechnology Perspective for Cationic Peptides. **2015**, 283-297
- 276 Breast Cancer Stem Cells. **2015**, 177-197
- 275 Polymer-Analogous Transformations in Triblock Copolymers Containing Polyacrylamide and Poly(ethylene oxide). **2015**, 3, 140-145
- 274 Aberrant Signaling Pathways: Hallmark of Cancer Cells and Target for Nanotherapeutics. 1-35



- 273 SMART Drug Based Targeted Delivery: A New Paradigm for Nanomedicine Strategies. 008-012 0
- 272 Anticancer Agents: Polysaccharide-Based Nanocarriers for Drug Delivery. 281-306
- 271 Nanoparticle–tissue Interaction. **2016**, 201-218
- 270 Stimuli-Responsive Polymers. 7663-7674
- 269 Bio-Functionalized Metallic Nanoparticles with Applications in Medicine. **2016**, 803-817 1
- 268 Colloidal Aggregates, Polymer-Based: Drug Delivery Systems. 1901-1916
- 267 Personalized Medicine in the Era of Genomics. **2016**, 296-327 1
- 266 Aliphatic Polyesters: Particulate Vaccine Delivery. 147-185
- 265 Ultrasonic Drug Delivery Using Micelles and Liposomes. **2016**, 1-35 1
- 264 Immunotherapy and Vaccines. **2016**, 441-464
- 263 Functional Materials and Applied Systems. 241-302
- 262 Pharmaceutical and Medical Applications of Nanofibers. **2017**, 1333-1357
- 261 Pharmaceutical and Medical Applications of Nanofibers. **2017**, 338-363
- 260 Encyclopedia of Cancer. **2017**, 3009-3013
- 259 Personalized Medicine in the Era of Genomics. **2017**, 297-327
- 258 Implementation of Nanoparticles in Cancer Therapy. **2017**, 1212-1257
- 257 3 Phthalocyanines in photodynamic therapy 51. **2017**, 49-66
- 256 Functional impact of hERG: from physiological role to target of anticancer therapy. **2017**, 63, 114-123 2

255 Marine Biopolymers for Anticancer Drugs. **2017**, 289-304

254 LIPID PEROXIDATION PROCESSES IN THE LOACH EMBRYOS UNDER THE INFLUENCE OF POLYETHYLENE GLYCOL DERIVATIVES. **2017**, 15-22

1

253 Nanocomposite Hydrogels as Drug Delivery Systems. **2017**, 24-51

252 Multiple Iterative Seeding of Surface Plasmon Enhanced Cobalt-Iron Oxide Nanokernels for Cancer Theranostics. **2018**, 115-138

251 Cancer Stem Cells and Their Therapeutic Applications. **2018**, 3-12

250 Disintegration, functionalization and drug-delivery application of nanodiamond. **2018**, 67, 166801

2

249 The effect of nanoparticle size on theranostic systems: the optimal particle size for imaging is not necessarily optimal for drug delivery. **2018**,

1

248 Novel nanomaterials for applications in cancer imaging. **2018**,

247 Introduction and synthesis of polymeric prodrugs. **2018**, 5,

246 Ligand-functionalized nanocarrier-based active drugs targeting for liver cancer therapy. **2019**, 79-106

245 Nanotechnology: The Future for Cancer Treatment. **2019**, 389-418

244 An Insight into Characterizations and Applications of Nanoparticulate Targeted Drug Delivery Systems. **2019**, 417-453

243 Design of Biomedical Polymers. **2019**, 191-237

242 Labeling Of Pk-15 Cell Line with Nanoparticles of Hadolinium Orthovanadate: Influence of time and Incubation Conditions. **2019**, 4, 230-236

241 Coconut inflorescence sap mediated synthesis of silver nanoparticles and its diverse antimicrobial properties.

1

240 Theranostic Applications of Lysozyme-Based Nanoparticles. **2020**, 1-23

239 Self-Assembled Nanoparticle-Mediated Chemophototherapy Reverses the Drug Resistance of Bladder Cancers through Dual AKT/ERK Inhibition. **2020**, 3, 2000032

4

238 Polyacrylamide-punicic acid conjugate-based micelles for flutamide delivery in PC3 cells of prostate cancer: synthesis, characterisation and cytotoxicity studies. **2020**, 14, 417-422

1

- 237 P-Glycoprotein Efflux Transporters and Its Resistance Its Inhibitors and Therapeutic Aspects. 1
- 236 Therapeutic Implications of Nanopharmaceuticals in Skin Delivery. **2021**, 205-272
- 235 Safety and Toxicity issues of Polymeric Nanoparticles. **2021**, 156-173 1
- 234 Fenton metal nanomedicines for imaging-guided combinatorial chemodynamic therapy against cancer.. **2022**, 17, 177-192 2
- 233 Targeting Cancer Stem Cell Markers or Pathways: A Potential Therapeutic Strategy for Oral Cancer Treatment. **2021**, 14, 386-399 2
- 232 Characterization Techniques for Studying the Properties of Nanocarriers for Systemic Delivery. **2020**, 57-86
- 231 Facile synthesis of novel fluorescent phenol formaldehyde resin nanospheres for drug release. **2021**, 138, 50416 0
- 230 Biomolecule-assisted biogenic synthesis of metallic nanoparticles. **2022**, 139-163 0
- 229 Nanotechnology and Diabetes Management: Recent Advances and Future Perspectives. **2020**, 99-117 1
- 228 Lipid-Based Tumor-targeted Systems. **2020**, 293-336
- 227 Albumin as Natural Versatile Drug Carrier for Various Diseases Treatment. **2020**, 239-268 1
- 226 Controllable stripping of radiolabeled group to optimize nuclear imaging NO-responsive bioorthogonal cleavage reaction.. **2020**, 10, 40030-40034 0
- 225 Potential Applications of Greener Synthesized Silver and Gold Nanoparticles in Medicine. **2020**, 95-126 1
- 224 Application of nanomedical technology in breast cancer treatment. **2020**, 7, 883-894
- 223 Encapsulation and delivery of active compounds using nanocontainers for industrial applications. **2020**, 177-195
- 222 Recent Advances in the Emergence of Nanorobotics in Medicine. **2020**, 119-148
- 221 Toxicology and Safety of Nanoparticles in Drug Delivery System. **2021**, 329-348
- 220 Pharmaceutical Aspects of Nanocarriers for Smart Anticancer Therapy. **2021**, 13, 2

219	All-in-one nanosponge with pluronic shell for synergistic anticancer therapy through effectively overcoming multidrug resistance in cancer. <b>2021</b> , 40, 102486	0
218	pH-Responsive Water-Soluble Polymer Carriers for Cell-Selective Metabolic Sialylation Labeling. <b>2021</b> , 93, 15420-15429	0
217	New Scenarios in Pharmacological Treatments of Head and Neck Squamous Cell Carcinomas. <b>2021</b> , 13,	2
216	Environmental and Toxicological Implications of Nanopharmaceuticals: An Overview. <b>2021</b> , 1-40	
215	Nanotechnology. <b>2020</b> , 1-24	1
214	Tumor-targeted RNA-interference: functional non-viral nanovectors. <b>2011</b> , 1, 25-42	13
213	Nanoparticle delivery of anti-tuberculosis chemotherapy as a potential mediator against drug-resistant tuberculosis. <b>2011</b> , 84, 361-9	18
212	Anticancer Activity of Nanoparticles Based on PLGA and its Co-polymer: In-vitro Evaluation. <b>2013</b> , 12, 623-34	25
211	Promising potency of retinoic acid-poly(ethylene glycol)-thiol gold nanoparticle conjugates for cervical cancer treatment. <b>2015</b> , 8, 10501-7	4
210	Polymeric nanocomposites loaded with fluoridated hydroxyapatite Ln(3+) (Ln = Eu or Tb)/iron oxide for magnetic targeted cellular imaging. <b>2015</b> , 12, 175-83	6
209	Active targeted nanoparticles: Preparation, physicochemical characterization and in vitro cytotoxicity effect. <b>2015</b> , 10, 241-51	5
208	Therapeutic Potential of Nanoparticle-loaded Hydroxyurea on Proliferation of Human Breast Adenocarcinoma Cell Line. <b>2020</b> , 19, 271-281	1
207	Coenzyme Q immobilized on Magnetic Nanoparticle: Synthesis and Antitumoral Effect on Saos, MCF7 and Hela Cell Lines. <b>2020</b> , 19, 394-409	
206	Current applications and prospects of nanoparticles for antifungal drug delivery. <b>2021</b> , 20, 562-584	2
205	Polyaminoacid Based Core@shell Nanocarriers of 5-Fluorouracil: Synthesis, Properties and Theranostics Application. <b>2021</b> , 22,	1
204	Functional Nanomedicines for Targeted Therapy of Bladder Cancer. <b>2021</b> , 12, 778973	0
203	Metal Sulfide Semiconductor Nanomaterials and Polymer Microgels for Biomedical Applications. <b>2021</b> , 22,	3
202	An overview and bibliometric analysis on the colorectal cancer therapy by magnetic functionalized nanoparticles for the responsive and targeted drug delivery. <b>2021</b> , 19, 399	4

201	Collagen Nanoparticles in Drug Delivery Systems and Tissue Engineering. <b>2021</b> , 11, 11369	6
200	External stimuli-responsive nanomedicine for cancer immunotherapy. <b>2021</b> ,	
199	Mechanisms of Drug Resistance and Use of Nanoparticle Delivery to Overcome Resistance in Breast Cancers. <b>2021</b> , 163	0
198	DRUG DELIVERY TO RETINA: A REVIEW. <b>2019</b> , 56, 7-21	
197	Iron Oxide Nanoparticles: Tuning to Advanced Nano Drug Delivery. <b>2020</b> , 10, 734-747	
196	Biocompatible Core-Shell-Structured Si-Based NiO Nanoflowers and Their Anticancer Activity.. <b>2022</b> , 14,	0
195	Pharmaceutical nanotechnology: from the bench to the market.. <b>2022</b> , 8, 12	9
194	Passive targeting. <b>2022</b> , 37-47	
193	Gold (III) Derivatives in Colon Cancer Treatment.. <b>2022</b> , 23,	3
192	PLGA/PEG Nanoparticles Loaded with Cyclodextrin- Alkaloid Complex and Ascorbic Acid with Promising Antimicrobial Activities.. <b>2022</b> , 14,	3
191	Targeting autoimmune disorders through metal nanoformulation in overcoming the fences of conventional treatment approaches. <b>2022</b> , 361-393	1
190	Evans blue-modified radiolabeled fibroblast activation protein inhibitor as long-acting cancer therapeutics.. <b>2022</b> , 12, 422-433	4
189	Synthesis and Potential Applications of Lipid Nanoparticles in Medicine.. <b>2022</b> , 15,	3
188	Magnetic and Optical Characterization of Cobalt Ferrite-Barium Titanate Core-Shell for Biomedical Applications. <b>2022</b> , 1-1	2
187	The Multifarious Applications of Copper Nanoclusters in Biosensing and Bioimaging and Their Translational Role in Early Disease Detection.. <b>2022</b> , 12,	3
186	Predicting Segregation Energy in Single Atom Alloys Using Physics and Machine Learning.. <b>2022</b> , 7, 4471-4481	0
185	Aggregating particles on the O/W interface: Tuning Pickering emulsion for the enhanced drug delivery systems.	2
184	Nanoparticle-based drug delivery systems in cancer: A focus on inflammatory pathways.. <b>2022</b> ,	3

183	Controlled release nanoplatforms for three commonly used chemotherapeutics.. <b>2021</b> , 83, 101043	2
182	Modeling of adsorption and release kinetics of methotrexate from thermo/magnetic responsive CoFe <sub>2</sub> O <sub>4</sub> @BaTiO <sub>3</sub> , CoFe <sub>2</sub> O <sub>4</sub> @Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> and Fe <sub>3</sub> O <sub>4</sub> @BaTiO <sub>3</sub> core-shell magnetoelectric nanoparticles functionalized with PNIPAm. <b>2022</b> , 68, 103121	1
181	Piperlongumine loaded PLGA nanoparticles inhibit cancer stem-like cells through modulation of STAT3 in mammosphere model of triple negative breast cancer.. <b>2022</b> , 616, 121526	1
180	Implantable Devices for the Treatment of Breast Cancer. <b>2022</b> , 3, 19-38	1
179	Amphiphilic pH-sensitive polypeptides for siRNA delivery. <b>2022</b> , 69, 103135	2
178	Efficient polycation non-viral gene delivery system with high buffering capacity and low molecular weight for primary cells: Branched poly(ε-aminoester) containing primary, secondary and tertiary amine groups. <b>2022</b> , 166, 111046	1
177	Target-specific delivery of doxorubicin to human glioblastoma cell line via ssDNA aptamer. <b>2018</b> , 43, 97-104	5
176	Impact of drug aggregation on the structural and dynamic properties of Triton X-100 micelles.. <b>2022</b> ,	1
175	Oxidative Stress-Dependent Anticancer Potentiality of Nanotherapeutic Zinc Oxide. <b>2022</b> , 1-22	
174	Advanced nanomaterial for point-of-care chemotherapy. <b>2022</b> , 359-382	
173	Application of Selenium Nanoparticles in Localized Drug Targeting for Cancer Therapy.. <b>2022</b> ,	0
172	Cytotoxic Effects of Castalin Nanoparticles Against Osteosarcoma.. <b>2022</b> , 1	
171	Cancer chemotherapy and beyond: Current status, drug candidates, associated risks and progress in targeted therapeutics. <b>2022</b> ,	11
170	Formation, antimicrobial activity, and biomedical performance of plant-based nanoparticles: a review.. <b>2022</b> , 1-41	1
169	Thermal stability and optimization of graphene oxide incorporated chitosan and sodium alginate based nanocomposite containing inclusion complexes of paracetamol and β-cyclodextrin for prolonged drug delivery systems. 1	1
168	Platelet Lysate as a Promising Medium for Nanocarriers in the Management and Treatment of Ocular Diseases.	
167	pH-Responsive Polymer Nanomaterials for Tumor Therapy.. <b>2022</b> , 12, 855019	2
166	Insights into Nanomedicine for Head and Neck Cancer Diagnosis and Treatment.. <b>2022</b> , 15,	2

165	CD44-Targeted Nanocarrier for Cancer Therapy.. <b>2021</b> , 12, 800481	1
164	A guide to oral vaccination: Highlighting electrospraying as a promising manufacturing technique toward a successful oral vaccine development. <b>2022</b> ,	1
163	Involvement of endoplasmic reticulum stress and cell death by synthesized Pa-PDT in oral squamous cell carcinoma cells. <b>2022</b> ,	0
162	Implication of metabolomics and transporter modulation based strategies to minimize multidrug resistance and enhance site-specific bioavailability: a needful consideration toward modern anticancer drug discovery.. <b>2022</b> , 1-19	0
161	Recent Advances in Glycyrrhetic Acid-Functionalized Biomaterials for Liver Cancer-Targeting Therapy.. <b>2022</b> , 27,	1
160	Efficacy of Sirna-Loaded Nanoparticles in the Treatment of k-ras Mutant Lung Cancer .. <b>2022</b> , 1-19	0
159	Mitigating off-target distribution and enhancing cytotoxicity in breast cancer cells with alpha-ketoglutaric acid-modified Fe/Mg-CA nanoparticles. 1	0
158	Collagen-targeted tumor-specific transepithelial penetration enhancer mediated intravesical chemoimmunotherapy for non-muscle-invasive bladder cancer.. <b>2022</b> , 283, 121422	4
157	Nanomedicine Tactics in Cancer Treatment: Challenge and Hope.. <b>2022</b> , 103677	1
156	Nanobiomaterials in support of drug delivery related issues. <b>2022</b> , 279, 115680	2
155	Therapeutic Nanoparticles: Advantages and Toxicity. <b>2022</b> , 1, 19-37	
154	Construction of homo and heteronuclear Ru(II), Ir(III) and Re(I) complexes for target specific cancer therapy. <b>2022</b> , 460, 214462	2
153	A molecular dynamic simulation study of anticancer agents and UiO-66 as a carrier in drug delivery systems.. <b>2022</b> , 113, 108147	1
152	On-demand assembly of polymeric nanoparticles for longer-blood-circulation and disassembly in tumor for boosting sonodynamic therapy.. <b>2022</b> , 18, 242-253	2
151	Engineering polymer nanoparticles using cell membrane coating technology and their application in cancer treatments: Opportunities and challenges. <b>2021</b> ,	1
150	Resveratrol-Loaded TPGS-Resveratrol-Solid Lipid Nanoparticles for Multidrug-Resistant Therapy of Breast Cancer: and Study.. <b>2021</b> , 9, 762489	4
149	Acidic microenvironment responsive polymeric MOF-based nanoparticles induce immunogenic cell death for combined cancer therapy.. <b>2021</b> , 19, 455	2
148	Gold nanoparticle-assisted delivery of brain-derived neurotrophic factor to cerebral organoids. <b>2022</b> , 15, 3099-3105	

- 147 More severe toxicity of gold nanoparticles with rougher surface in mouse hippocampal neurons. **2021**, 28, 3642-3653 3
- 146 Naphthalene-functionalized resorcinarene as selective, fluorescent self-quenching sensor for kynurenic acid.. **2022**,
- 145 Nanocarriers systems for brain targeted drug delivery and diagnosis. **2022**, 25-43
- 144 Nanomaterials in the Diagnosis and Treatment of Leishmaniasis. **2022**, 175-195
- 143 AS1411 conjugated magnetic-based poly N-isopropyl acrylamide nanoparticles for delivery of erlotinib to prostate cancer cells. 0
- 142 Design and Development of Lactoferrin Conjugated Lipid-polymer Nano-bio-hybrid for Cancer Theranostics. **2022**, 103548 0
- 141 Ketone-selenoesters as potential anticancer and multidrug resistance modulation agents in 2D and 3D ovarian and breast cancer in vitro models.. **2022**, 12, 6548 1
- 140 Bioorthogonal in situ assembly of nanomedicines as drug depots for extracellular drug delivery.. **2022**, 13, 2038 3
- 139 Table1.docx. **2018**,
- 138 Table2.docx. **2018**,
- 137 Nanocarrier-based co-delivery approaches of chemotherapeutics with natural P-glycoprotein inhibitors in the improvement of multidrug resistance cancer therapy.. **2022**, 1-52
- 136 Nanotherapeutic systems for drug delivery to brain tumors. **2022**, 217-238
- 135 Phytofabricated Nanoparticle Formulation For Cancer Treatment: A Comprehensive Review.. **2022**,
- 134 Estimating the two graph dextran-stearic acid-spermine polymers based on iron oxide nanoparticles as carrier for gene delivery.. **2022**, e23491 1
- 133 Ultrasound-sensitive cRGD-modified liposomes as a novel drug delivery system.. **2022**, 50, 111-120 0
- 132 In vitro and in vivo evaluation of DC-targeting PLGA nanoparticles encapsulating heparanase CD4 and CD8 T-cell epitopes for cancer immunotherapy.. **2022**, 0
- 131 Adsorption Properties and Quantum Molecular Descriptors of the Anti-cancer Drug Cytophosphane on the Armchair Single-Walled Carbon Nanotubes: A DFT Study. **2022**, 19, 0
- 130 Dendrimer as a versatile platform for biomedical application: A review. **2022**, 99, 100516 3



129	An Overview of Green Synthesis and Potential Pharmaceutical Applications of Nanoparticles as Targeted Drug Delivery System in Biomedicines.. <b>2022</b> ,	0
128	Nanostructured polyvinylpyrrolidone-curcumin conjugates allowed for kidney-targeted treatment of cisplatin induced acute kidney injury.. <b>2023</b> , 19, 282-291	1
127	NO-dependent vasodilation and deep tumor penetration for cascade-amplified antitumor performance.. <b>2022</b> ,	1
126	Carbohydrates based stimulus responsive nanocarriers for cancer-targeted chemotherapy: A review of current practices.	0
125	Therapeutic gas-releasing nanomedicines with controlled release: Advances and perspectives. 20210181	2
124	Plant Extract-Based Synthesis of Metallic Nanomaterials, Their Applications, and Safety Concerns.	2
123	Codelivery of Gemcitabine and MUC1 Inhibitor Using PEG-PCL Nanoparticles for Breast Cancer Therapy.	1
122	Nanostructured Lipid Carriers: New Insight for Cancer Therapy. <b>2022</b> , 12,	
121	A Brief Review of Carbon DotsSilica Nanoparticles Synthesis and their Potential Use as Biosensing and Theragnostic Applications. <b>2022</b> , 17,	1
120	Nano-Based Approved Pharmaceuticals for Cancer Treatment: Present and Future Challenges. <b>2022</b> , 12, 784	5
119	Biomedical applications of nanocarriers in brain tumor targeting. <b>2022</b> , 205-233	
118	Nanocarrier-Based Tumor-Targeting Drug Delivery Systems for Hepatocellular Carcinoma Treatments: Enhanced Therapeutic Efficacy and Reduced Drug Toxicity. <b>2022</b> , 18, 660-676	2
117	Current Strategies for the Treatment of Hepatocellular Carcinoma by Modulating the Tumor Microenvironment via Nano-Delivery Systems: A Review. Volume 17, 2335-2352	3
116	Sirtuins and Hypoxia in EMT Control. <b>2022</b> , 15, 737	1
115	Viral and Non-viral Nanoparticles for Gene Therapeutics. <b>2022</b> , 159-176	
114	Nanotechnology-based cancer drug delivery. <b>2022</b> , 415-422	1
113	Nanocarriers: A boon to the drug delivery systems. <b>2022</b> , 555-584	
112	Anti-Proliferative activity of surfactins on human cancer cells and their potential use in therapeutics. <b>2022</b> , 170836	

111	Glioblastoma: Current Status, Emerging Targets, and Recent Advances. <b>2022</b> , 65, 8596-8685	0
110	PCSK9 conjugated liposomes for targeted delivery of paclitaxel to the cancer cell: A proof-of-concept study. <b>2022</b> , 153, 113428	1
109	Nanodrugs against cancer: biological considerations in its redesign. 1-20	
108	Carbon Quantum Dots: A Promising Nanocarrier for Bioimaging and Drug Delivery in Cancer. <b>2022</b> , 104068	3
107	pH-responsive albumin-coated biopolymeric nanoparticles with lapatinab for targeted breast cancer therapy. <b>2022</b> , 213039	1
106	Virus-like Particles: Fundamentals and Biomedical Applications. <b>2022</b> , 23, 8579	1
105	Peptide-Functionalized Nanoparticles for the Targeted Delivery of Cytotoxins to MMP-14-Expressing Cancer Cells. <b>2022</b> , 2, 203-220	
104	Synthesis and evaluation of pH-responsive mesoporous ZnO/PEG/DOX nanocomposite based on Zn-HKUST-1 MOF nanostructure for targeted drug delivery.	
103	Antibacterial and anticancer potential of mycosynthesized titanium dioxide (TiO <sub>2</sub> ) nanoparticles using <i>Hypsizygus ulmarius</i> .	1
102	Impact of Polyethylene Glycol (PEG) Conformations on the In Vivo Fate and Drug Release Behavior of PEGylated Core-Cross-Linked Polymeric Nanoparticles.	2
101	Water-soluble ZnO quantum dots modified by polyglycerol: The pH-sensitive and targeted fluorescent probe for delivery of an anticancer drug. <b>2022</b> , 103452	
100	Nanomedicine and versatile therapies for cancer treatment. <b>2022</b> , 3,	2
99	Nanotherapies from an oncologist doctor's view. <b>2022</b> ,	
98	Enhanced antitumor effect of icariin nanoparticles coated with iRGD functionalized erythrocyte membrane. <b>2022</b> , 931, 175225	
97	Advances in polysaccharide-based nano/microcapsules for biomedical applications: A review. <b>2022</b> , 220, 878-891	3
96	Nano-Formulation Based Intravesical Drug Delivery Systems: An Overview of Versatile Approaches to Improve Urinary Bladder Diseases. <b>2022</b> , 14, 1909	3
95	Green synthesis of hybrid nanoparticles for biomedical applications: A review. <b>2022</b> , 11, 100296	1
94	Folate receptor-mediated delivery of mitoxantrone-loaded solid lipid nanoparticles to breast cancer cells. <b>2022</b> , 154, 113525	4

93	Formation of biocompatible MgO/cellulose grafted hydrogel for efficient bactericidal and controlled release of doxorubicin. <b>2022</b> , 220, 1277-1286	6
92	Metal-organic frameworks for pharmaceutical and biomedical applications. <b>2022</b> , 221, 115026	2
91	Biopolymers based aerogels: A review on revolutionary solutions for smart therapeutics delivery. <b>2023</b> , 131, 101014	3
90	Block copolymer micelles as long-circulating drug delivery vehicles. <b>2022</b> , 531-560	0
89	Targeting triple-negative breast cancers using nanomedicine. <b>2022</b> , 199-255	0
88	Oxidative Stress-Dependent Anticancer Potentiality of Nanotherapeutic Zinc Oxide. <b>2022</b> , 2829-2850	0
87	Nanotechnology. <b>2022</b> , 1-24	0
86	Exploration of Site-Specific Drug Targeting: A Review on EPR-, Stimuli-, Chemical-, and Receptor-Based Approaches as Potential Drug Targeting Methods in Cancer Treatment. <b>2022</b> , 2022, 1-26	0
85	Combating Antibiotic Resistance in Bacteria: The Development of Novel Therapeutic Strategies.	0
84	Alginate-Based Nanosystems for Therapeutic Applications. <b>2022</b> , 2022, 1-11	0
83	Graphene quantum dots as a potential diagnostic and therapeutic tool for the management of Alzheimer's disease.	3
82	Cisplatin-Loaded Tobacco Mosaic Virus for Ovarian Cancer Treatment.	0
81	Sustained Drug Release from Smart Nanoparticles in Cancer Therapy: A Comprehensive Review. <b>2022</b> , 13, 1623	2
80	Dual-Mode Fluorescence/Ultrasound Imaging with Biocompatible Metal-Doped Graphene Quantum Dots.	1
79	Adsorption of Thiotepa anticancer drugs on the BC3 nanotube as a promising nanocarriers for drug delivery. <b>2022</b> ,	0
78	Composite Nanoarchitectonics of Magnetic Silicon Dioxide-Modified Chitosan for Doxorubicin Delivery and In Vitro Cytotoxicity Assay.	0
77	Folate - Conjugated Magnetite Nanoparticles for Targeted Drug Delivery and Hyperthermia Applications. <b>2022</b> , 7,	0
76	Nanotechnology for targeted drug delivery to treat osteoporosis. <b>2022</b> , 23,	0

75	Bioengineered Metallic Nanomaterials for Nanoscale Drug Delivery Systems. <b>2022</b> , 187-225	0
74	Co-delivery of sorafenib and metformin from amphiphilic polypeptide-based micelles for colon cancer treatment. 9,	0
73	Synthesis and Characterization of Curcumin-Loaded Nanoparticles of Poly(Glycerol Sebacate): A Novel Highly Stable Anticancer System. <b>2022</b> , 27, 6997	0
72	Novel Implications of Nanoparticle-Enhanced Radiotherapy and Brachytherapy: Z-Effect and Tumor Hypoxia. <b>2022</b> , 12, 943	1
71	Targeted Cancer Immunotherapy: Nanoformulation Engineering and Clinical Translation. 2204335	1
70	Metal-organic framework-based smart nanoplatforms with multifunctional attributes for biosensing, drug delivery, and cancer theranostics. <b>2022</b> , 110145	0
69	A spotlight on alkaloid nanoformulations for the treatment of lung cancer. 12,	0
68	Potential use of gold-silver core-shell nanoparticles derived from Garcinia mangostana peel for anticancer compound, protocatechuic acid delivery. 9,	0
67	Poly (beta-amino ester) as an In Vivo Nanocarrier for Therapeutic Nucleic Acids.	0
66	Targeted drug delivery system for ovarian cancer microenvironment: Improving the effects of immunotherapy. 13,	0
65	A new modality in targeted delivery of epirubicin for tumor theranosis based on PEGylated silver nanoparticles: design, radiolabeling and bioevaluation. <b>2022</b> , 122358	0
64	Three-dimensional investigation of capture efficiency of carrier particles in a Y-shaped vessel considering non-Newtonian models. <b>2022</b> , 170130	0
63	Polyenes and SARS-CoV-2. <b>2023</b> , 445-462	0
62	Polymer/magnetite carriers functionalized by HER2-DARPin: Avoiding lysosomes during internalization and controlled toxicity of doxorubicin by focused ultrasound induced release. <b>2023</b> , 47, 102612	0
61	Precision Nanotoxicology in Drug Development: Current Trends and Challenges in Safety and Toxicity Implications of Customized Multifunctional Nanocarriers for Drug-Delivery Applications. <b>2022</b> , 14, 2463	0
60	Success of nano-vaccines against COVID-19: A transformation in nanomedicine.	1
59	Cyclodextrin-Based Polymeric Materials Bound to Corona Protein for Theranostic Applications. <b>2022</b> , 23, 13505	0
58	Applications of mannose-binding lectins and mannan glycoconjugates in nanomedicine. <b>2022</b> , 24,	1

- 57 Surface engineered palmitoyl-mesoporous silica nanoparticles with supported lipid bilayer coatings for high-capacity loading and prolonged release of dexamethasone: A Factorial design approach. **2022**, 78, 103943 0
- 56 Biologically inspired stealth - camouflaged strategies in nanotechnology for the improved therapies in various diseases. **2022**, 122407 1
- 55 Emerging nano-strategies against tumour microenvironment (TME): a review. **2023**, 9, 100112 0
- 54 Nanotechnology for the treatment of cancer: progress and challenges. **2023**, 285-307 0
- 53 Hybrid nano-architectures loaded with metal complexes for the co-chemotherapy of head and neck carcinomas. 1
- 52 Reaction mechanism of nanomedicine based on porphyrin skeleton and its application prospects. **2023**, 41, 103236 0
- 51 pH-responsive, magnetic-luminescent core/shell carriers for co-delivery of anticancer drugs (MTX & DOX) for breast cancer treatment. **2023**, 936, 168257 0
- 50 Colloids Based on Calixresorcins for the Adsorption, Conversion, and Delivery of Bioactive Substances. **2022**, 84, 518-529 0
- 49 Nanomedicines for Therapy of Bladder Cancer. **2022**, 20, 235-247 0
- 48 A Structural Analysis of Proteinaceous Nanotube Cavities and Their Applications in Nanotechnology. **2022**, 12, 4080 0
- 47 Cutting-Edge Developments in Oncology Research. **2022**, 43, 451-457 0
- 46 Nanoparticles for Topical Application in the Treatment of Skin Dysfunctions An Overview of Dermo-Cosmetic and Dermatological Products. **2022**, 23, 15980 1
- 45 Chitosan-Coated Polymeric Silver and Gold Nanoparticles: Biosynthesis, Characterization and Potential Antibacterial Applications: A Review. **2022**, 14, 5302 0
- 44 Single low-dose INC280-loaded theranostic nanoparticles achieve multirooted delivery for MET-targeted primary and liver metastatic NSCLC. **2022**, 21, 0
- 43 Nanoparticles in biology and medicine. **2022**, 78-83 0
- 42 ROS- and pH-Responsive Polydopamine Functionalized Ti3C2Tx MXene-Based Nanoparticles as Drug Delivery Nanocarriers with High Antibacterial Activity. **2022**, 12, 4392 1
- 41 Interactions between Cyclodextrin as a carrier for anti-cancer drug delivery: a molecular dynamics simulation study. 1-13 1
- 40 Innovative nanotheranostics: Smart nanoparticles based approach to overcome breast cancer stem cells mediated chemo- and radioresistances. 1

- 39 Design of functional nanoparticles by microfluidic platforms as advanced drug delivery systems for cancer therapy. ○
- 38 Cooperatively enhanced photothermal-chemotherapy via simultaneously downregulating HSPs and promoting DNA alkylation in cancer cells. ○
- 37 Electrospun Nanofibers and Their Biomedical Applications. **2023**, 1-7 ○
- 36 Radiation-assisted strategies provide new perspectives to improve the nanoparticle delivery to tumor. **2023**, 193, 114642 ○
- 35 Aptamer-functionalized PLGA nanoparticles for targeted cancer therapy. **2023**, 219-235 ○
- 34 Chlorin e6: A Promising Photosensitizer in Photo-Based Cancer Nanomedicine. ○
- 33 Application of carbon and metal-based nanomaterials in modern health care systems. **2023**, 309-330 ○
- 32 Optimizing Dacarbazine Therapy: Design of a Laser-Triggered Delivery System Based on  $\beta$ -Cyclodextrin and Plasmonic Gold Nanoparticles. **2023**, 15, 458 1
- 31 Recent plant-based nanomedicine and nanocarrier for cancer treatment. **2023**, 187-206 ○
- 30 In vivo studies of magnetic nanoparticles-folic acid (FA) functionalized for breast cancer targeting drug carrier. **2023**, 1 ○
- 29  $^{18}\text{F}$ -fluorodeoxyglucose ( $^{18}\text{F}$ -FDG) Functionalized Gold Nanoparticles (GNPs) for Plasmonic Photothermal Ablation of Cancer: A Review. **2023**, 15, 319 ○
- 28 Nanotheranostics in CNS Malignancy. **2023**, 307-321 ○
- 27 An introduction to protein-based biopolymers. **2023**, 1-40 ○
- 26 Polyethyleneimine/polyethylene glycol conjugated gold nanoparticles as nanoscale positive/negative controls in nanotoxicology: testing in frog embryo teratogenesis assay  $\chi$ enopus and mammalian tissue culture system. **2023**, 17, 94-115 ○
- 25 Acrylate-based polymeric nanotheranostics. **2023**, 85-111 ○
- 24 Emerging potential of 5-Fluorouracil-loaded chitosan nanoparticles in cancer therapy. **2023**, 82, 104371 ○
- 23 Multifunctional theranostic nanomedicines for cancer treatment: Recent progress and challenges. **2023**, 5, 100082 ○
- 22 Polysaccharides from marine resources exhibit great potential in the treatment of tumor: A review. **2023**, 5, 100308 ○

- 21 Transport of Oligonucleotides Into HL-60 Cells Using Nanocellulose. **2022**, 16, 1147-1150
- 20 Silk Fibroin Nanoparticles: A Biocompatible Multi-Functional Polymer for Drug Delivery.
- 19 Pharmacokinetics and biodistribution studies of [<sup>99m</sup>Tc]-Labeled ZIF-8 nanoparticles to pave the way for image-guided drug delivery and theranostics. **2023**, 81, 104249
- 18 Emerging application of magnetic nanoparticles for breast cancer therapy. **2023**, 187, 111898
- 17 Preparation, characterization, and toxicity assessment of carfilzomib-loaded nickel-based metal-organic framework: Evidence from in-vivo and in-vitro experiments. **2023**, 81, 104268
- 16 Lipid-based colloidal nanoparticles for applications in targeted vaccine delivery. **2023**, 5, 1853-1869
- 15 Combination of Copper Metallo dendrimers with Conventional Antitumor Drugs to Combat Cancer in In Vitro Models. **2023**, 24, 4076
- 14 Structural parameters of nanoparticles affecting their toxicity for biomedical applications: a review. **2023**, 25,
- 13 BioMOF-Based Anti-Cancer Drug Delivery Systems. **2023**, 13, 953
- 12 Utilization of Functionalized Metal-Organic Framework Nanoparticle as Targeted Drug Delivery System for Cancer Therapy. **2023**, 15, 931
- 11 In vivo active-targeting fluorescence molecular imaging with adaptive background fluorescence subtraction. 13,
- 10 Mathematical modeling and simulation of enhanced permeation and retention (EPR) effect with thermal analysis. **2023**, 115-126
- 9 Synthesis of Monodispersed Hollow Mesoporous Organosilica and Silica Nanoparticles with Controllable Shell Thickness Using Soft and Hard Templates. **2023**, 39, 4571-4582
- 8 Surface decorated quantum dots: Synthesis, properties and role in herbal therapy. 11,
- 7 In vitro and in vivo study on the anticancer effects of anethole-loaded bovine serum albumin nanoparticles surface decorated with chitosan and folic acid. **2023**, 14,
- 6 Smart pH- and Temperature-Sensitive Micelles Based on Chitosan Grafted with Fatty Acids to Increase the Efficiency and Selectivity of Doxorubicin and Its Adjuvant Regarding the Tumor Cells. **2023**, 15, 1135
- 5 Naproxen sodium influence, excipients and the dissolution medium on the swelling of the tablets. **2023**, 13, 1-5
- 4 Advances in nanoparticles-based approaches in cancer theranostics. **2023**, 12, 100152

- 3 Preparation, characterization, cytotoxicity and pharmacokinetics of niosomes containing gemcitabine: In vitro, in vivo, and simulation studies. **2023**, 104505
- 2 RGD-engineered nanoparticles as an innovative drug delivery system in cancer therapy. **2023**, 84, 104562
- 1 Acidity-Triggered Charge-Convertible Conjugated Polymer for Dihydroartemisinin Delivery and Tumor-Specific Chemo-Photothermal Therapy.