

CITATION REPORT

List of articles citing

Recent advances with liposomes as pharmaceutical carriers

DOI: 10.1038/nrd1632

Nature Reviews Drug Discovery, 2005, 4, 145-60.

Source: <https://exaly.com/paper-pdf/38214172/citation-report.pdf>

Version: 2024-04-23

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
2327	Nonlinear optical activity effects in complex anisotropic three-dimensional media. 2015 , 5, 11		
2326	Nonlinear optical activity effects in complex anisotropic three-dimensional media. 2015 , 5, 11		
2325	Nonlinear optical activity effects in complex anisotropic three-dimensional media. 2015 , 5, 11		
2324	Transferrin-facilitated lipofection gene delivery strategy: characterization of the transfection complexes and intracellular trafficking. 2002 , 13, 1991-2004		41
2323	Nanotechnology, nanomedicine, and the development of new, effective therapies for cancer. 2005 , 1, 101-9		248
2322	Nanomedicine gets clinical. 2005 , 8, 16-17		20
2321	Histidylated lipid-modified Sendai viral envelopes mediate enhanced membrane fusion and potentiate targeted gene delivery. 2005 , 280, 35399-409		18
2320	Immunoliposome targeting to mesangial cells: a promising strategy for specific drug delivery to the kidney. 2005 , 16, 3295-305		62
2319	Tumor cell and tumor vasculature targeted liposomes for neutron capture therapy. 2005 , 93, 589-593		5
2318	Design of photocleavable lipids and their application in liposomal "uncorking". 2005 , 3021-3		35
2317	Interaction of porphyrin with a hydrophobic surface and stabilization of liposomes. 2005 , 53, 9800-4		8
2316	Real-time visualization and characterization of liposomal delivery into the monkey brain by magnetic resonance imaging. 2005 , 16, 20-6		81
2315	Direct fabrication and harvesting of monodisperse, shape-specific nanobiomaterials. 2005 , 127, 10096-100		719
2314	Targeted liposomes: convenient coupling of ligands to preformed vesicles using "click chemistry". 2006 , 17, 849-54		122
2313	Template synthesized nanotubes for biomedical delivery applications. 2006 , 1, 39-50		60
2312	Charge-induced unilamellar vesicle formation and phase separation in solutions of Di-n-decylmethylamine oxide. 2006 , 110, 10177-85		9
2311	A single dose of doxorubicin-functionalized bow-tie dendrimer cures mice bearing C-26 colon carcinomas. 2006 , 103, 16649-54		561

2310	ATP-loaded immunoliposomes specific for cardiac myosin provide improved protection of the mechanical functions of myocardium from global ischemia in an isolated rat heart model. 2006 , 14, 273-80	31
2309	Recent approaches to intracellular delivery of drugs and DNA and organelle targeting. 2006 , 8, 343-75	459
2308	Nanomedicine: clinical applications of polyethylene glycol conjugated proteins and drugs. 2006 , 45, 965-88	121
2307	"SMART" drug delivery systems: double-targeted pH-responsive pharmaceutical nanocarriers. 2006 , 17, 943-9	461
2306	New speciality surfactants with natural structural motifs. 2006 , 30, 1705	41
2305	Refractory epilepsy: mechanisms and solutions. 2006 , 6, 397-406	127
2304	Quantum dots with a paramagnetic coating as a bimodal molecular imaging probe. 2006 , 6, 1-6	439
2303	Chapter 1: Lipid Microvesicles: On the Four Decades of Liposome Research. 2006 , 1-48	3
2302	Anticancer efficacies of cisplatin-releasing pH-responsive nanoparticles. 2006 , 7, 829-35	149
2301	The computational route from bilayer membranes to vesicle fusion. 2006 , 18, S1191-219	57
2300	Annexin A5-functionalized bimodal lipid-based contrast agents for the detection of apoptosis. 2006 , 17, 741-9	108
2299	Controlling Micellar Structure of Amphiphilic Charged Triblock Copolymers in Dilute Solution via Coassembly with Organic Counterions of Different Spacer Lengths. 2006 , 39, 6599-6607	95
2298	Bimodal polymer mushrooms: compressive forces and specificity toward receptor surfaces. 2006 , 22, 8485-91	30
2297	Epidermal growth factor-conjugated poly(ethylene glycol)-block- poly(delta-valerolactone) copolymer micelles for targeted delivery of chemotherapeutics. 2006 , 17, 399-409	99
2296	Nanotools for megaproblems: probing protein misfolding diseases using nanomedicine modus operandi. 2006 , 5, 2505-22	24
2295	Tumor vascular permeability, accumulation, and penetration of macromolecular drug carriers. 2006 , 98, 335-44	713
2294	Cisplatin nanoliposomes for cancer therapy: AFM and fluorescence imaging of cisplatin encapsulation, stability, cellular uptake, and toxicity. 2006 , 22, 8156-62	93
2293	Passive Targeting of Solid Tumors. 2006 , 11-18	1

2292	Polymeric Micelles for Formulation of Anti-Cancer Drugs. 2006 , 317-355	4
2291	Dynamical Heterogeneity in Supported Lipid Bilayers. 2006 , 31, 527-531	19
2290	Statistical pattern matching facilitates the design of polyvalent inhibitors of anthrax and cholera toxins. 2006 , 24, 582-6	74
2289	Polymer conjugates as anticancer nanomedicines. 2006 , 6, 688-701	1670
2288	Fluid supported lipid bilayers containing monosialoganglioside GM1: a QCM-D and FRAP study. 2006 , 50, 76-84	29
2287	Combination of adsorption by porous CaCO ₃ microparticles and encapsulation by polyelectrolyte multilayer films for sustained drug delivery. 2006 , 308, 160-7	174
2286	Potential use of drug carried-liposomes for cancer therapy via direct intratumoral injection. 2006 , 316, 162-9	63
2285	Formation of self-organized nanoparticles by lecithin/chitosan ionic interaction. 2006 , 324, 67-73	142
2284	Exploiting tumour biology to develop novel drug delivery strategies for PDT. 2006 , 21, 225-238	12
2283	Polymer Therapeutics: Polymers as Drugs, Drug and Protein Conjugates and Gene Delivery Systems: Past, Present and Future Opportunities. 1-8	65
2282	Polymer conjugates: nanosized medicines for treating cancer. 2006 , 24, 39-47	391
2281	Nanotechnology: intelligent design to treat complex disease. 2006 , 23, 1417-50	725
2280	Real-time imaging and quantification of brain delivery of liposomes. 2006 , 23, 2493-504	76
2279	Improved delivery in cell culture of radiolabeled antisense DNAs by duplex formation. 2006 , 8, 278-83	5
2278	Pitfalls and hopes in Down syndrome therapeutic approaches: in the search for evidence-based treatments. 2006 , 36, 454-68	17
2277	Enhanced accumulation of long-circulating liposomes modified with the nucleosome-specific monoclonal antibody 2C5 in various tumours in mice: gamma-imaging studies. 2006 , 33, 1196-205	87
2276	Novel amphiphilic macromolecules and their in vitro characterization as stabilized micellar drug delivery systems. 2006 , 298, 102-10	52
2275	Nanotechnology: a focus on nanoparticles as a drug delivery system. 2006 , 1, 340-50	181

2274	Nanomedicine for respiratory diseases. 2006 , 533, 341-50	160
2273	Preparing and evaluating delivery systems for proteins. 2006 , 29, 174-82	62
2272	Barriers to carrier mediated drug and gene delivery to brain tumors. 2006 , 110, 236-259	96
2271	Role of antioxidants in prophylaxis and therapy: A pharmaceutical perspective. 2006 , 113, 189-207	547
2270	In vitro and in vivo intracellular liposomal delivery of antisense oligonucleotides and anticancer drug. 2006 , 114, 153-62	103
2269	Intracellular drug delivery by sulfatide-mediated liposomes to gliomas. 2006 , 115, 150-7	25
2268	Targeting the inflamed synovium: the quest for specificity. 2006 , 54, 1055-60	24
2267	Multifunctional lipid/quantum dot hybrid nanocontainers for controlled targeting of live cells. 2006 , 45, 5478-83	194
2266	Lipid-based nanoparticles for contrast-enhanced MRI and molecular imaging. 2006 , 19, 142-64	468
2265	Emerging implications of nanotechnology on cancer diagnostics and therapeutics. 2006 , 107, 459-66	373
2264	Liposome-enhanced MRI of neointimal lesions in the ApoE-KO mouse. 2006 , 55, 1170-4	53
2263	Mediastinal node and diaphragmatic targeting after intracavitary injection of avidin/99mTc-blue-biotin-liposome system. 2006 , 95, 207-24	10
2262	Multifunctional Lipid/Quantum Dot Hybrid Nanocontainers for Controlled Targeting of Live Cells. 2006 , 118, 5604-5609	23
2261	New generation of liposomal drugs for cancer. 2006 , 6, 537-52	74
2260	Current and new strategies for the delivery of antiseptic agents. 2006 , 3, 315-23	3
2259	Liposomal quercetin efficiently suppresses growth of solid tumors in murine models. 2006 , 12, 3193-9	183
2258	Polymer therapeutics--polymers as drugs, drug and protein conjugates and gene delivery systems: past, present and future opportunities. 2006 , 14, 337-41	99
2257	Matrix design for bacteriolytic enzyme encapsulation. 2006 , 16, 293-299	4

2256	Chemosensitization of carcinoma cells using epithelial cell adhesion molecule-targeted liposomal antisense against bcl-2/bcl-xL. 2006 , 5, 3170-80	44
2255	Nanocapsules: a novel formulation technology for platinum-based anticancer drugs. 2007 , 2, 445-453	4
2254	Biomimetic particles in drug and vaccine delivery. 2007 , 17, 165-72	26
2253	Rise of the nanomachine: the evolution of a revolution in medicine. 2007 , 2, 425-39	14
2252	In vitro biocompatibility study of free and liposomally-grafted copolymers bearing short blocks of aliphatic lipid-mimetic units Cytotoxicity and hemolytic activity. 2007 , 17, 393-397	4
2251	A thermally responsive Tat-elastin-like polypeptide fusion protein induces membrane leakage, apoptosis, and cell death in human breast cancer cells. 2007 , 15, 611-22	30
2250	Molecular imaging by cardiovascular MR. 2007 , 9, 827-43	17
2249	Liposomes in biology and medicine. 2007 , 620, 117-28	65
2248	Toward a systems engineering approach to cancer drug delivery. 2007 , 99, 983-5	14
2247	Antitumor activity of an epithelial cell adhesion molecule targeted nanovesicular drug delivery system. 2007 , 6, 3019-27	81
2246	VISUALIZING SOFT MATTER: MESOSCOPIC SIMULATIONS OF MEMBRANES, VESICLES AND NANOPARTICLES. 2007 , 02, 33-55	17
2245	Modulation of cancer cell survival pathways using multivalent liposomal therapeutic antibody constructs. 2007 , 6, 844-55	46
2244	[Development of multifunctional envelope type artificial viral-like gene delivery system]. 2007 , 127, 1655-72	0
2243	Critical Analysis of Cancer Therapy using Nanomaterials. 2007 ,	4
2242	Designing polymer conjugates as lysosomotropic nanomedicines. 2007 , 35, 56-60	103
2241	Modified lipoproteins as contrast agents for molecular imaging. 2007 , 2, 587-590	4
2240	Enhanced delivery of immunoliposomes to human dendritic cells by targeting the multilectin receptor DEC-205. 2007 , 25, 4757-66	36
2239	Mucosal and systemic immune responses by intranasal immunization using archaeal lipid-adjuvanted vaccines. 2007 , 25, 8622-36	42

2238	Long-circulating liposomes radiolabeled with [18F]fluorodipalmitin ([18F]FDP). 2007 , 34, 165-71	88
2237	Biodistribution, pharmacokinetics and imaging of (188)Re-BMEDA-labeled pegylated liposomes after intraperitoneal injection in a C26 colon carcinoma ascites mouse model. 2007 , 34, 415-23	65
2236	Magnetic and fluorescent nanoparticles for multimodality imaging. 2007 , 2, 307-24	150
2235	Association of vasoactive intestinal peptide with polymer-grafted liposomes: structural aspects for pulmonary delivery. 2007 , 1768, 705-14	35
2234	Pharmacokinetics of poly(hydroxyethyl-L-asparagine)-coated liposomes is superior over that of PEG-coated liposomes at low lipid dose and upon repeated administration. 2007 , 1768, 737-43	65
2233	Influence of oil droplet surface charge on the performance of antibody--emulsion conjugates. 2007 , 61, 97-103	17
2232	Induction of cell death by photodynamic therapy with water-soluble lipid-membrane-incorporated [60]fullerene. 2007 , 5, 1158-60	84
2231	Release mechanisms for polyelectrolyte capsules. 2007 , 36, 636-49	452
2230	Liposome-nanoparticle hybrids for multimodal diagnostic and therapeutic applications. 2007 , 2, 85-98	136
2229	Surface-based lipid vesicle reactor systems: fabrication and applications. 2007 , 3, 828-836	117
2228	Poly(ethylene glycol)-conjugated phospholipids in aqueous micellar solutions: hydration, static structure, and interparticle interactions. 2007 , 111, 1393-401	35
2227	Magnetic assembly and patterning of vesicle/nanoparticle aggregates. 2007 , 129, 12080-1	30
2226	Labeling of Polymer Nanostructures for Medical Imaging: Importance of crosslinking extent, spacer length, and charge density. 2007 , 40, 2971-2973	44
2225	Nanoscale patterning in mixed fluorocarbon-hydrocarbon phospholipid bilayers. 2007 , 129, 9037-43	33
2224	Rheological properties of hemoglobin vesicles (artificial oxygen carriers) suspended in a series of plasma-substitute solutions. 2007 , 23, 8121-8	32
2223	Targeted drug delivery utilizing protein-like molecular architecture. 2007 , 129, 4961-72	50
2222	Anginex-conjugated liposomes for targeting of angiogenic endothelial cells. 2007 , 18, 785-90	39
2221	Synthesis and liposome insertion of a new poly(carboranylalkylthio)porphyrazine to improve potentiality in multiple-approach cancer therapy. 2007 , 129, 2728-9	35

2220	Lipid exchange during contact between oppositely charged lipid bilayers. 2007 , 111, 9428-30	7
2219	Temperature-sensitive poly(N-(2-hydroxypropyl)methacrylamide mono/dilactate)-coated liposomes for triggered contents release. 2007 , 18, 2131-6	55
2218	Protein-liposome conjugates using cysteine-lipids and native chemical ligation. 2007 , 18, 590-6	68
2217	BioNanotechnology. 2007 , 2, 1-139	20
2216	Controlling liposomal drug release with low frequency ultrasound: mechanism and feasibility. 2007 , 23, 4019-25	188
2215	First step of the cell-penetrating peptide mechanism involves Rac1 GTPase-dependent actin-network remodelling. 2007 , 99, 223-38	72
2214	Elucidating the assembled structure of amphiphiles in solution via cryogenic transmission electron microscopy. 2007 , 3, 945-955	168
2213	Design and development of folate appended liposomes for enhanced delivery of 5-FU to tumor cells. 2007 , 15, 231-40	59
2212	Polymer-caged liposomes: a pH-responsive delivery system with high stability. 2007 , 129, 15096-7	206
2211	High-density encapsulation of Fe ₃ O ₄ nanoparticles in lipid vesicles. 2007 , 23, 9546-50	59
2210	The Intersection of Strategy and Drug Research. 2007 , 1-84	2
2209	Nanotechnology in cardiovascular medicine. 2007 , 69, 643-54	32
2208	Mesoporous materials for drug delivery. 2007 , 46, 7548-58	2049
2207	Immuno-polymeric nanoparticles by Diels-Alder chemistry. 2007 , 46, 6126-31	100
2206	Mesopore Materialien für den Wirkstofftransport. 2007 , 119, 7692-7703	138
2205	Immuno-Polymeric Nanoparticles by Diels-Alder Chemistry. 2007 , 119, 6238-6243	14
2204	Chemical modification of therapeutic drugs or drug vector systems to achieve targeted therapy: looking for the grail. 2007 , 27, 574-90	70
2203	Synthesis of degradable functional poly(ethylene glycol) analogs as versatile drug delivery carriers. 2007 , 7, 1187-98	35

2202	Magnetic resonance imaging of vulnerable atherosclerotic plaques: current imaging strategies and molecular imaging probes. 2007 , 26, 460-79	117
2201	Biodistribution and pharmacokinetic analysis of long-circulating thiolated gelatin nanoparticles following systemic administration in breast cancer-bearing mice. 2007 , 96, 397-407	102
2200	Role of nanotechnology in pharmaceutical product development. 2007 , 96, 2547-65	145
2199	Influence of cyclodextrins on the physical stability of DPPC-liposomes. 2007 , 58, 218-24	33
2198	Remarkable immunostimulation effects of hybrid liposomes on human peripheral blood mononuclear cells in vitro. 2007 , 17, 613-6	3
2197	Rapidly reversible hydrophobization: an approach to high first-pass drug extraction. 2007 , 14, 1065-77	6
2196	X-ray diffraction from paclitaxel-loaded zwitterionic and cationic model membranes. 2007 , 150, 58-65	16
2195	Selective uptake of surface-modified phospholipid vesicles by bone marrow macrophages in vivo. 2007 , 28, 2655-66	62
2194	Poly(amino acid)s: promising enzymatically degradable stealth coatings for liposomes. 2007 , 331, 186-9	70
2193	Construction of nanoscale multicompart ment liposomes for combinatory drug delivery. 2007 , 331, 182-5	35
2192	Nucleic acid delivery: Where material sciences and bio-sciences meet. 2007 , 58, 117-161	79
2191	Targeted nanoparticles for cancer therapy. 2007 , 2, 14-21	373
2190	Nanocarriers as an emerging platform for cancer therapy. 2007 , 2, 751-60	6530
2189	Tumour prevention by a single antibody domain targeting the interaction of signal transduction proteins with RAS. 2007 , 26, 3250-9	119
2188	Development of a novel systemic gene delivery system for cancer therapy with a tumor-specific cleavable PEG-lipid. 2007 , 14, 68-77	338
2187	Enhanced cytotoxicity of monoclonal anticancer antibody 2C5-modified doxorubicin-loaded PEGylated liposomes against various tumor cell lines. 2007 , 32, 159-68	84
2186	Multifunctional cargo systems for biotechnology. 2007 , 25, 93-8	170
2185	Nanosuspensions of alendronate with gallium or gadolinium attenuate neointimal hyperplasia in rats. 2007 , 117, 322-32	32

2184	Degradable cisplatin-releasing core-shell nanogels from zwitterionic poly(beta-aminoester)-graft-PEG for cancer chemotherapy. 2007 , 14, 279-86	21
2183	Targeted pharmaceutical nanocarriers for cancer therapy and imaging. 2007 , 9, E128-47	564
2182	Nanosystems for simultaneous imaging and drug delivery to T cells. 2007 , 9, E171-80	77
2181	Spatial dose distributions in solid tumors from ¹⁸⁶ Re transported by liposomes using HS radiochromic media. 2007 , 34, 1039-49	2
2180	Preparation of cationic liposome containing a novel water-soluble detergent and its application to gene delivery. 2007 , 15, 280-283	1
2179	Advances in targeting drug delivery to glomerular mesangial cells by long circulating cationic liposomes for the treatment of glomerulonephritis. 2007 , 24, 946-54	31
2178	Micelles of different morphologies--advantages of worm-like filomicelles of PEO-PCL in paclitaxel delivery. 2007 , 24, 2099-109	240
2177	Investigation of tetracaine complexation with beta-cyclodextrins and p-sulphonic acid calix[6]arenes by nOe and PGSE NMR. 2007 , 57, 395-401	44
2176	Dynamics of lipid saccharide nanoparticles by quasielastic neutron scattering. 2008 , 345, 239-244	9
2175	Sheddable coatings for long-circulating nanoparticles. 2008 , 25, 55-71	467
2174	Tumor-Targeted Immuno-liposomes for Delivery of Chemotherapeutics and Diagnostics. 2008 , 3, 51-58	7
2173	Lipid-gold-nanoparticle hybrid-based gene delivery. 2008 , 4, 1651-5	57
2172	Intra-articular depot formulation principles: role in the management of postoperative pain and arthritic disorders. 2008 , 97, 4622-54	184
2171	Characterisation of chitosan-coated vesicles encapsulating DNA suitable for gene delivery. 2008 , 97, 3981-97	10
2170	Topology of a ternary complex (propraracaine-beta-cyclodextrin-liposome) by STD NMR. 2008 , 46, 832-7	21
2169	Artificial receptors designed for intracellular delivery of anionic phosphate derivatives. 2008 , 9, 698-701	16
2168	Peptide-containing aggregates as selective nanocarriers for therapeutics. 2008 , 3, 594-602	26
2167	In vitro characterization of phosphatidylglycerol-based thermosensitive liposomes with encapsulated ¹ H MR T1-shortening gadodiamide. 2008 , 3, 19-26	21

2166	Drug-liposome distribution phenomena studied by capillary electrophoresis-frontal analysis. 2008 , 29, 3320-4	18
2165	Cell penetrating peptide-modified pharmaceutical nanocarriers for intracellular drug and gene delivery. 2008 , 90, 604-10	211
2164	Polyvalency: a promising strategy for drug design. 2008 , 101, 429-34	51
2163	Improved HPLC method for doxorubicin quantification in rat plasma to study the pharmacokinetics of micelle-encapsulated and liposome-encapsulated doxorubicin formulations. 2008 , 22, 1252-8	33
2162	Multifunctional uniform nanoparticles composed of a magnetite nanocrystal core and a mesoporous silica shell for magnetic resonance and fluorescence imaging and for drug delivery. 2008 , 47, 8438-41	1065
2161	Multifunctional Uniform Nanoparticles Composed of a Magnetite Nanocrystal Core and a Mesoporous Silica Shell for Magnetic Resonance and Fluorescence Imaging and for Drug Delivery. 2008 , 120, 8566-8569	127
2160	Morphological transformation of self-assembled nanostructures prepared from cholesteryl acyl didanosine and the optimal formulation of nanoparticulate systems: effects of solvents, acyl chain length and poloxamer 188. 2008 , 326, 275-82	14
2159	Immobilization of liposomes in nanostructured layer-by-layer films containing dendrimers. 2008 , 28, 467-471	32
2158	Polymeric nanomedicine for cancer therapy. 2008 , 33, 113-137	416
2157	Construction of hollow DNA/PLL microcapsule as a dual carrier for controlled delivery of DNA and drug. 2008 , 326, 29-36	35
2156	The enhancement of immunosuppressive effects of cyclosporine A on human T-cells using fusogenic liposomes. 2008 , 67, 238-44	19
2155	Lipid bilayer interactions of Eu(III) tris-Ediketonato coordination complex. 2008 , 457, 417-420	1
2154	Synthesis and cytotoxic properties of new fluorodeoxyglucose-coupled chlorambucil derivatives. 2008 , 16, 5004-20	35
2153	Increasing permeability of phospholipid bilayer membranes to alanine with synthetic alpha-aminophosphonate carriers. 2008 , 18, 2320-3	24
2152	Dynamic imaging of arginine-rich heart-targeted vehicles in a mouse model. 2008 , 29, 1976-88	36
2151	Peptide-based Biopolymers in Biomedicine and Biotechnology. 2008 , 62, 125-155	229
2150	Enzyme-induced shedding of a poly(amino acid)-coating triggers contents release from dioleoyl phosphatidylethanolamine liposomes. 2008 , 355, 108-13	22
2149	In situ fiber optic method for long-term in vitro release testing of microspheres. 2008 , 356, 206-11	20

2148	Tumor-specific antibody-mediated targeted delivery of Doxil reduces the manifestation of auricular erythema side effect in mice. 2008 , 357, 272-9	56
2147	Block copolymer design for stable encapsulation of N-(4-hydroxyphenyl)retinamide into polymeric micelles in mice. 2008 , 357, 318-22	11
2146	Inhalable liposomal formulation for vasoactive intestinal peptide. 2008 , 357, 286-94	56
2145	Prolongation of residence time of liposome by surface-modification with mixture of hydrophilic polymers. 2008 , 359, 272-9	91
2144	Cold field emission gun-scanning electron microscopy: a new tool for morphological and ultrastructural analysis of liposomes. 2008 , 362, 189-92	5
2143	Liposomes-entrapped chondroitin sulphate: ultrastructural characterization and in vitro biocompatibility. 2008 , 39, 1042-5	10
2142	Biofunctionalized targeted nanoparticles for therapeutic applications. 2008 , 8, 1063-70	197
2141	Multifunctional nanoparticles--properties and prospects for their use in human medicine. 2008 , 26, 425-33	623
2140	Paramagnetic lipid-coated silica nanoparticles with a fluorescent quantum dot core: a new contrast agent platform for multimodality imaging. 2008 , 19, 2471-9	133
2139	Polymeric nanoparticles for cancer therapy. 2008 , 16, 108-23	289
2138	Comparative dosimetric evaluation of nanotargeted (188)Re-(DXR)-liposome for internal radiotherapy. 2008 , 23, 749-58	24
2137	Nanotechnology in Pharmaceutical Manufacturing. 1249-1288	2
2136	Structural characterization of archaeal lipid mucosal vaccine adjuvant and delivery (AMVAD) formulations prepared by different protocols and their efficacy upon intranasal immunization of mice. 2008 , 18, 127-43	12
2135	Multifunctional Nanotherapeutics for Cancer. 2008 , 309-336	6
2134	A review of stimuli-responsive nanocarriers for drug and gene delivery. 2008 , 126, 187-204	1837
2133	Lipid excipients and delivery systems for pharmaceutical development: a regulatory perspective. 2008 , 60, 768-77	126
2132	Tat peptide-mediated intracellular delivery of pharmaceutical nanocarriers. 2008 , 60, 548-58	362
2131	Multilayered polyelectrolyte assemblies as platforms for the delivery of DNA and other nucleic acid-based therapeutics. 2008 , 60, 979-99	265

2130	Liposomes in ultrasonic drug and gene delivery. 2008 , 60, 1167-76	274
2129	Magnetic nanoparticles in MR imaging and drug delivery. 2008 , 60, 1252-1265	1949
2128	Radionuclides delivery systems for nuclear imaging and radiotherapy of cancer. 2008 , 60, 1329-46	204
2127	Mitochondrial drug delivery systems for macromolecule and their therapeutic application to mitochondrial diseases. 2008 , 60, 1439-62	189
2126	Tumour-targeted nanomedicines: principles and practice. 2008 , 99, 392-7	421
2125	Image-guided and passively tumour-targeted polymeric nanomedicines for radiochemotherapy. 2008 , 99, 900-10	101
2124	Nanoparticles in medicine: therapeutic applications and developments. 2008 , 83, 761-9	1837
2123	Protection against tuberculosis by a single intranasal administration of DNA-hsp65 vaccine complexed with cationic liposomes. 2008 , 9, 38	64
2122	The targeted delivery of cancer drugs across the blood-brain barrier: chemical modifications of drugs or drug-nanoparticles?. 2008 , 13, 1099-106	231
2121	Cell-penetrating peptides: from molecular mechanisms to therapeutics. 2008 , 100, 201-17	270
2120	In vivo time-dependent gene expression of cationic lipid-based emulsion as a stable and biocompatible non-viral gene carrier. 2008 , 128, 89-97	39
2119	Cysteine-containing fusion tag for site-specific conjugation of therapeutic and imaging agents to targeting proteins. 2008 , 494, 275-94	22
2118	New ways of imaging uptake and intracellular fate of liposomal drug carrier systems inside individual cells, based on Raman microscopy. 2008 , 5, 287-93	87
2117	pH-responsive nanoparticles for cancer drug delivery. 2008 , 437, 183-216	47
2116	In Vitro In Vivo Correlation on Parenteral Dosage Forms. 2008 , 336-358	4
2115	A fluorescence-based technique to construct size distributions from single-object measurements: application to the extrusion of lipid vesicles. 2008 , 95, 1176-88	113
2114	Functionalized carbon nanotubes in drug design and discovery. 2008 , 41, 60-8	891
2113	Electrostatic self-assembly of PEG copolymers onto porous silica nanoparticles. 2008 , 24, 8143-50	76

2112	Intracellular delivery of protein and peptide therapeutics. 2008 , 5, e95-e103	122
2111	Lipid modification of proteins through sortase-catalyzed transpeptidation. 2008 , 130, 16338-43	117
2110	Lipid-quantum dot bilayer vesicles enhance tumor cell uptake and retention in vitro and in vivo. 2008 , 2, 408-18	134
2109	Formation of reversible shell cross-linked micelles from the biodegradable amphiphilic diblock copolymer poly(L-cysteine)-block-poly(L-lactide). 2008 , 24, 10099-106	74
2108	Biopharmaceutics Applications in Drug Development. 2008 ,	8
2107	Temperature-sensitive nonionic vesicles prepared from Span 80 (sorbitan monooleate). 2008 , 24, 10762-70	61
2106	Mechanistic studies of the triggered release of liposomal contents by matrix metalloproteinase-9. 2008 , 130, 10633-42	67
2105	Biomimetic synthesis of microporous and mesoporous materials at room temperature and neutral pH, with application in electronics, controlled release of chemicals, and catalysis. 2008 , 32, 1338	20
2104	Synthesis of fluorine-18 functionalized nanoparticles for use as in vivo molecular imaging agents. 2008 , 130, 6731-3	105
2103	Drug Targeting in Anticancer Chemotherapy. 2008 , 351-385	3
2102	Pharmacokinetics, micro-SPECT/CT imaging and therapeutic efficacy of (188)Re-DXR-liposome in C26 colon carcinoma ascites mice model. 2008 , 35, 883-93	39
2101	New frontiers in nanotechnology for cancer treatment. 2008 , 26, 74-85	233
2100	Self-assembled lipid-polymer hybrid nanoparticles: a robust drug delivery platform. 2008 , 2, 1696-702	721
2099	Liposomal formulation of 5-fluorocytosine in suicide gene therapy with cytosine deaminase-for colorectal cancer. 2008 , 262, 164-72	18
2098	Non-viral gene transfection technologies for genetic engineering of stem cells. 2008 , 68, 90-104	53
2097	Liposomal vasoactive intestinal peptide for lung application: protection from proteolytic degradation. 2008 , 70, 153-64	36
2096	Adhesion characteristics and stability assessment of lectin-modified liposomes for site-specific drug delivery. 2008 , 1778, 242-9	43
2095	MITO-Porter: A liposome-based carrier system for delivery of macromolecules into mitochondria via membrane fusion. 2008 , 1778, 423-32	198

2094	Insight into the role of HSPG in the cellular uptake of apolipoprotein E-derived peptide micelles and liposomes. 2008 , 1778, 2781-9	19
2093	Oxidation-triggered release of fluorescent molecules or drugs from mesoporous Si microparticles. 2008 , 2, 2401-9	141
2092	Preparation of highly photosensitizing liposomes with fullerene-doped lipid bilayer using dispersion-controllable molecular exchange reactions. 2008 , 10, 4077-80	37
2091	Solubilisation of [60]fullerenes using block copolymers and evaluation of their photodynamic activities. 2008 , 6, 1015-9	54
2090	HER2-specific affibody-conjugated thermosensitive liposomes (Affisomes) for improved delivery of anticancer agents. 2008 , 18, 293-307	85
2089	Reductively labile PRINT particles for the delivery of doxorubicin to HeLa cells. 2008 , 130, 5008-9	124
2088	Antimetastatic activities of pegylated liposomal doxorubicin in a murine metastatic lung cancer model. 2008 , 16, 679-87	6
2087	Using PEGylated nano-liposomes to target tissue invaded by a foreign body. 2008 , 16, 591-5	16
2086	Structure of self-organized multilayer nanoparticles for drug delivery. 2008 , 24, 11378-84	44
2085	Matrix metalloproteinase-assisted triggered release of liposomal contents. 2008 , 19, 57-64	52
2084	Synthesis, characterization, antitumor activity of pluronic mimicking copolymer micelles conjugated with doxorubicin via acid-cleavable linkage. 2008 , 19, 525-31	104
2083	Encapsulation efficiency measured on single small unilamellar vesicles. 2008 , 130, 14372-3	78
2082	Sterol-modified phospholipids: cholesterol and phospholipid chimeras with improved biomembrane properties. 2008 , 130, 15702-12	91
2081	NMR study of the sorption behavior of benzyl alcohol derivatives into sonicated and extruded dioctadecyldimethylammonium chloride (DODAC) dispersions: the relevance of membrane fluidity. 2008 , 24, 3082-9	14
2080	Paramagnetic liposomes: inner versus outer membrane relaxivity of DPPC liposomes incorporating lipophilic gadolinium complexes. 2008 , 24, 4347-51	31
2079	Dynamics of membrane adhesion: the role of polyethylene glycol spacers, ligand-receptor bond strength, and rupture pathway. 2008 , 24, 1225-31	10
2078	Physical characterization methods for iron oxide contrast agents encapsulated within a targeted liposome-based delivery system. 2008 , 19, 305101	12
2077	Radiolabeled lipid nanoparticles for diagnostic imaging. 2008 , 2, 853-73	21

2076	Tumor-targeting nanocomplex delivery of novel tumor suppressor RB94 chemosensitizes bladder carcinoma cells in vitro and in vivo. 2008 , 14, 2190-8	46
2075	N-Butyldeoxynojirimycin is a broadly effective anti-HIV therapy significantly enhanced by targeted liposome delivery. 2008 , 22, 1961-9	51
2074	Antibody-functionalized nano test tubes target breast cancer cells. 2008 , 3, 283-92	22
2073	Invisibility of tissues and the mother/fetus paradox: an hypothesis. 2008 , 18, 91-3	1
2072	Multimodality nanotracers for cardiovascular applications. 2008 , 5 Suppl 2, S103-11	45
2071	Drug targeting using OX7-immunoliposomes: correlation between Thy1.1 antigen expression and tissue distribution in the rat. 2008 , 16, 156-66	10
2070	Enhanced antitumor efficacy of clinical-grade vasculature-targeted liposomal doxorubicin. 2008 , 14, 7320-9	71
2069	Nanomedicine captures cardiovascular disease. 2008 , 28, 801-2	30
2068	Structure and organization of phospholipid/polysaccharide nanoparticles. 2008 , 20, 104211	17
2067	Flexible nanovectors. 2008 , 20, 474205	3
2066	Drug delivery in acute myeloid leukemia. 2008 , 5, 653-63	13
2065	Towards new functional nanostructures for medical imaging. 2008 , 35, 4474-87	35
2064	Prostate cancer-specific monoclonal antibody 5D4 significantly enhances the cytotoxicity of doxorubicin-loaded liposomes against target cells in vitro. 2008 , 16, 601-4	23
2063	Rationale for and measurement of liposomal drug delivery with hyperthermia using non-invasive imaging techniques. 2008 , 24, 79-90	36
2062	Critical issues in site-specific targeting of solid tumours: the carrier, the tumour barriers and the bioavailable drug. 2008 , 5, 205-19	29
2061	Size-induced enhancement of chemical exchange saturation transfer (CEST) contrast in liposomes. 2008 , 130, 5178-84	57
2060	Recent development of nanomedicine for the treatment of inflammatory diseases. 2009 , 29, 112-117	4
2059	Role of Eco-Friendly Strategies in the Development of Biomedical Nanotechnology. 2009 , 1, 9-23	1

2058	Ultrasonic analysis of precision-engineered acoustically active lipospheres produced by microfluidic. 2009 ,	1
2057	Bioanalysis of siRNA and oligonucleotide therapeutics in biological fluids and tissues. 2009 , 1, 595-609	39
2056	Pharmacokinetics and tumor dynamics of the nanoparticle IT-101 from PET imaging and tumor histological measurements. 2009 , 106, 11394-9	141
2055	Recent advances in the field of nanometric drug carriers. 2009 , 1, 693-711	17
2054	Liposomes loaded with lipophilic prodrugs of methotrexate and melphalan as convenient drug delivery vehicles. 2009 , 19, 51-59	34
2053	Treatment of experimental arthritis with stealth-type polymeric nanoparticles encapsulating betamethasone phosphate. 2009 , 329, 412-7	79
2052	Site-specific analgesia with sustained release liposomes. 2009 , 106, 6891-2	9
2051	Nanotechnology in medical imaging: probe design and applications. 2009 , 29, 992-1000	213
2050	Therapeutic efficacy evaluation of ¹¹¹ In-labeled PEGylated liposomal vinorelbine in murine colon carcinoma with multimodalities of molecular imaging. 2009 , 50, 2073-81	42
2049	Fact and Fantasy in Nanotech Imagery. 2009 , 42, 52-57	7
2048	Innovations and opportunities to improve conventional (deoxy)nucleoside and fluoropyrimidine analogs in cancer. 2009 , 16, 4632-43	20
2047	Production of recombinant proteoliposomes for therapeutic uses. 2009 , 465, 209-23	9
2046	A novel nonviral gene delivery system: multifunctional envelope-type nano device. 2010 , 119, 197-230	4
2045	Nanocapsules of platinum anticancer drugs: development towards therapeutic use. 2009 , 1, 1467-80	12
2044	Pharmaceutical Applications of Nanoparticle Carriers. 2009 , 1097-1119	
2043	Targeting anti-HIV drugs to the CNS. 2009 , 6, 771-84	72
2042	Block copolymer micelles for delivery of cancer therapy: transport at the whole body, tissue and cellular levels. 2009 , 138, 214-23	269
2041	Diagnostic nanocarriers for sentinel lymph node imaging. 2009 , 138, 90-102	74

2040	Real-time electrochemical monitoring of drug release from therapeutic nanoparticles. 2009 , 140, 69-73	64
2039	Sustained and specific in vitro inhibition of HIV-1 replication by a protease inhibitor encapsulated in gp120-targeted liposomes. 2009 , 84, 142-9	37
2038	Designer Biomaterials for Nanomedicine. 2009 , 19, 3843-3854	200
2037	Nanomedizin II Herausforderung und Perspektiven. 2009 , 121, 886-913	70
2036	A Supramolecular Approach for Preparation of Size-Controlled Nanoparticles. 2009 , 121, 4408-4412	31
2035	Disterolphospholipids: Nonexchangeable Lipids and Their Application to Liposomal Drug Delivery. 2009 , 121, 4210-4213	20
2034	A Microreactor with Thousands of Subcompartments: Enzyme-Loaded Liposomes within Polymer Capsules. 2009 , 121, 4423-4426	28
2033	Spontaneous Formation of Giant Unilamellar Vesicles from Microdroplets of a Polyion Complex by Thermally Induced Phase Separation. 2009 , 121, 4683-4686	4
2032	Determination of liposome-buffer distribution coefficients of charged drugs by capillary electrophoresis frontal analysis. 2009 , 30, 2711-9	19
2031	Influence of hemoglobin vesicles, cellular-type artificial oxygen carriers, on human umbilical cord blood hematopoietic progenitor cells in vitro. 2009 , 88, 34-42	4
2030	Histopathological changes of rat brain after direct injection of Hb-vesicles (artificial oxygen carriers) and neurological impact in an intracerebral hemorrhage model. 2009 , 90, 1107-19	6
2029	Development and evaluation of perfluorocarbon nanobubbles for apomorphine delivery. 2009 , 98, 3735-47	48
2028	Genome-Free Viral Capsids as Multivalent Carriers for Taxol Delivery. 2009 , 121, 9657-9661	10
2027	Biomimetic Nanocarrier for Direct Cytosolic Drug Delivery. 2009 , 121, 9335-9339	12
2026	Nanomedicine--challenge and perspectives. 2009 , 48, 872-97	971
2025	A supramolecular approach for preparation of size-controlled nanoparticles. 2009 , 48, 4344-8	161
2024	Disterolphospholipids: nonexchangeable lipids and their application to liposomal drug delivery. 2009 , 48, 4146-9	81
2023	A microreactor with thousands of subcompartments: enzyme-loaded liposomes within polymer capsules. 2009 , 48, 4359-62	187

2022	Spontaneous formation of giant unilamellar vesicles from microdroplets of a polyion complex by thermally induced phase separation. 2009 , 48, 4613-6	41
2021	Genome-free viral capsids as multivalent carriers for taxol delivery. 2009 , 48, 9493-7	107
2020	Biomimetic nanocarrier for direct cytosolic drug delivery. 2009 , 48, 9171-5	134
2019	Controllable microfluidic synthesis of multiphase drug-carrying lipospheres for site-targeted therapy. 2009 , 25, 938-45	59
2018	Micelles obtained by aggregation of gemini surfactants containing the CCK8 peptide and a gadolinium complex. 2009 , 14, 587-99	6
2017	Self-assembling materials for therapeutic delivery. 2009 , 5, 817-31	388
2016	Envelope-type lipid nanoparticles incorporating a short PEG-lipid conjugate for improved control of intracellular trafficking and transgene transcription. 2009 , 30, 4806-14	37
2015	A paradigm for peptide vaccine delivery using viral epitopes encapsulated in degradable polymer hydrogel capsules. 2009 , 30, 5178-86	114
2014	Molecular imaging and therapy of cancer with radiolabeled nanoparticles. 2009 , 4, 399-413	200
2013	Intratracheal versus intravenous liposomal delivery of siRNA, antisense oligonucleotides and anticancer drug. 2009 , 26, 382-94	122
2012	Creating functional vesicle assemblies from vesicles and nanoparticles. 2009 , 26, 1701-10	29
2011	Incorporation of Photosynthetic Reaction Centers in the Membrane of Human Cells: Toward a New Tool for Optical Control of Cell Activity. 2009 , 2, 156-165	4
2010	Lipid-based emulsion system as non-viral gene carriers. 2009 , 32, 639-46	31
2009	Top-down particle fabrication: control of size and shape for diagnostic imaging and drug delivery. 2009 , 1, 391-404	122
2008	Protein-based nanomedicine platforms for drug delivery. 2009 , 5, 1706-21	393
2007	Intracellular localization and cytotoxicity of spherical mesoporous silica nano- and microparticles. 2009 , 5, 2722-9	249
2006	An immobilized nanoparticle-based platform for efficient gene knockdown of targeted cells in the circulation. 2009 , 16, 1271-82	31
2005	Biodegradable luminescent porous silicon nanoparticles for in vivo applications. 2009 , 8, 331-6	1527

2004	Knocking down barriers: advances in siRNA delivery. <i>Nature Reviews Drug Discovery</i> , 2009 , 8, 129-38	64.1	2281
2003	Cell transfection by DNA-lipid complexes - lipoplexes. 2009 , 74, 1293-304		20
2002	Ketoconazole inhibits the growth and development of <i>Ichthyophonus</i> sp. (Mesomycetozoa) in vitro. 2009 , 56, 484-91		5
2001	Twenty years of cell-penetrating peptides: from molecular mechanisms to therapeutics. 2009 , 157, 195-206		684
2000	Targeting colon cancer cells using PEGylated liposomes modified with a fibronectin-mimetic peptide. 2009 , 366, 201-10		131
1999	Enhanced in vivo antitumor efficacy of fenretinide encapsulated in polymeric micelles. 2009 , 373, 100-6		23
1998	Intraoperative therapy with liposomal drug delivery: retention and distribution in human head and neck squamous cell carcinoma xenograft model. 2009 , 373, 156-64		15
1997	Polymeric nanoparticles encapsulating betamethasone phosphate with different release profiles and stealthiness. 2009 , 375, 148-54		37
1996	Nanovesicles released by <i>Dictyostelium</i> cells: a potential carrier for drug delivery. 2009 , 380, 206-15		30
1995	Biocompatibility of injectable chitosan-phospholipid implant systems. 2009 , 30, 3818-24		75
1994	Acoustically active perfluorocarbon nanoemulsions as drug delivery carriers for camptothecin: drug release and cytotoxicity against cancer cells. 2009 , 49, 39-46		69
1993	Immobilization of intact liposomes on solid surfaces: a quartz crystal microbalance study. 2009 , 336, 902-7		19
1992	Supramolecular aggregates containing lipophilic Gd(III) complexes as contrast agents in MRI. 2009 , 253, 2193-2213		115
1991	Ultrasound, liposomes, and drug delivery: principles for using ultrasound to control the release of drugs from liposomes. 2009 , 162, 1-16		338
1990	Control over micro-fluidity of liposomal membranes by hybridizing metal nanoparticles. 2009 , 70, 108-13		14
1989	Enhancement of immune response and protection in BALB/c mice immunized with liposomal recombinant major surface glycoprotein of <i>Leishmania</i> (rgp63): the role of bilayer composition. 2009 , 74, 37-44		29
1988	PLGA-lecithin-PEG core-shell nanoparticles for controlled drug delivery. 2009 , 30, 1627-34		563
1987	Simultaneous delivery of doxorubicin and gemcitabine to tumors in vivo using prototypic polymeric drug carriers. 2009 , 30, 3466-75		201

1986	Cholesterol-mediated anchoring of enzyme-loaded liposomes within disulfide-stabilized polymer carrier capsules. 2009 , 30, 5988-98	96
1985	Electron spin resonance spectroscopy in drug delivery. 2009 , 11, 211-54	28
1984	Biomedical Applications of Nanoparticles. 2009 , 89-109	11
1983	Targeted nanomedicines: effective treatment modalities for cancer, AIDS and brain disorders. 2009 , 4, 105-18	146
1982	Photodynamic activity of C70 caged within surface-cross-linked liposomes. 2009 , 4, 199-205	32
1981	Multifunctional nanoparticles for imaging, delivery and targeting in cancer therapy. 2009 , 6, 865-78	233
1980	Effective embedding of liposomes into polyelectrolyte multilayered films: the relative importance of lipid-polyelectrolyte and interpolyelectrolyte interactions. 2009 , 5, 1394	70
1979	Combination therapy: opportunities and challenges for polymer-drug conjugates as anticancer nanomedicines. 2009 , 61, 1203-13	524
1978	Polymeric carriers: preclinical safety and the regulatory implications for design and development of polymer therapeutics. 2009 , 61, 1220-31	220
1977	Molecular and magnetic resonance imaging: The value of immunoliposomes. 2009 , 61, 1402-11	71
1976	Liposomal formulations of protein proteinase inhibitors: Preparation and specific activity. 2009 , 3, 48-53	3
1975	A temperature-sensitive liposomal ¹ H CEST and ¹⁹ F contrast agent for MR image-guided drug delivery. 2009 , 131, 1380-1	144
1974	Static structures and dynamics of hemoglobin vesicle (HBV) developed as a transfusion alternative. 2009 , 113, 8418-28	25
1973	Influence of the vesicular bilayer structure on the sorption of ethylbenzyl alcohol. 2009 , 25, 11322-7	4
1972	Release of liposomal contents by cell-secreted matrix metalloproteinase-9. 2009 , 20, 1332-9	60
1971	Expansile nanoparticles: synthesis, characterization, and in vivo efficacy of an acid-responsive polymeric drug delivery system. 2009 , 131, 2469-71	261
1970	Fluorinated lipid constructs permit facile passage of molecular cargo into living cells. 2009 , 131, 12091-3	20
1969	Spectrally tunable leakage-free gold nanocontainers. 2009 , 131, 17774-6	114

1968	Polymeric drugs for efficient tumor-targeted drug delivery based on EPR-effect. 2009 , 71, 409-19	944
1967	Improvements of cellular stress response on resveratrol in liposomes. 2009 , 73, 253-9	82
1966	Interaction of a C-terminal peptide of Bos taurus diacylglycerol acyltransferase 1 with model membranes. 2009 , 1788, 2320-5	5
1965	Ligand-based targeted therapy for cancer tissue. 2009 , 6, 285-304	154
1964	Selective filtering of particles by the extracellular matrix: an electrostatic bandpass. 2009 , 97, 1569-77	202
1963	Cyclodextrin-covered gold nanoparticles for targeted delivery of an anti-cancer drug. 2009 , 19, 2310	155
1962	Nanotechnology for Intracellular Delivery and Targeting. 2009 , 313-346	3
1961	Comparison of Simulations of Lipid Membranes with Membranes of Block Copolymers. 2009 , 43-85	8
1960	Mucosal delivery of liposome-chitosan nanoparticle complexes. 2009 , 465, 289-312	24
1959	Well-defined, multifunctional nanostructures of a paramagnetic lipid and a lipopeptide for macrophage imaging. 2009 , 131, 406-7	26
1958	Organic nanoscale drug carriers coupled with ligands for targeted drug delivery in cancer. 2009 , 19, 5485	76
1957	Annexin A5-functionalized liposomes for targeting phosphatidylserine-exposing membranes. 2009 , 20, 2114-22	25
1956	Tumor-specific anti-nucleosome antibody improves therapeutic efficacy of doxorubicin-loaded long-circulating liposomes against primary and metastatic tumor in mice. 2009 , 6, 246-54	47
1955	Polymer-Based Therapeutics. 2009 , 42, 3-13	181
1954	Role of in vitro release models in formulation development and quality control of parenteral depots. 2009 , 6, 1283-95	70
1953	Preface PEGylated protein conjugates: A new class of therapeutics for the 21st century. 2009 , 1-9	2
1952	Blood circulation and tissue biodistribution of lipid-quantum dot (L-QD) hybrid vesicles intravenously administered in mice. 2009 , 20, 1696-702	49
1951	Microfluidic methods for production of liposomes. 2009 , 465, 129-41	85

1950	Formation of size-controlled nano carrier systems by self-assembly. 2009 , 26, 722-33	42
1949	Nanoparticulate assemblies of amphiphiles and diagnostically active materials for multimodality imaging. 2009 , 42, 904-14	223
1948	One-pot construction of doxorubicin conjugated magnetic silica nanoparticles. 2009 , 33, 2414	36
1947	Self-assembled hyaluronic acid nanoparticles as a potential drug carrier for cancer therapy: synthesis, characterization, and in vivo biodistribution. 2009 , 19, 4102	210
1946	A novel procedure for preparation of submicron liposomes-lyophilization of oil-in-water emulsions. 2009 , 19, 231-40	14
1945	Cucurbituril-based nanoparticles: a new efficient vehicle for targeted intracellular delivery of hydrophobic drugs. 2009 , 71-3	103
1944	Constructing size distributions of liposomes from single-object fluorescence measurements. 2009 , 465, 143-60	27
1943	A protective vaccine delivery system for in vivo T cell stimulation using nanoengineered polymer hydrogel capsules. 2009 , 3, 3391-400	162
1942	Chemically-selective surface glyco-functionalization of liposomes through Staudinger ligation. 2009 , 3032-4	58
1941	In vitrouptake and antimycobacterial activity of liposomal usnic acid formulation. 2009 , 19, 49-58	28
1940	Tumor-specific liposomal drug release mediated by liposomase. 2009 , 465, 251-65	9
1939	"Clickable" polymer-caged nanobins as a modular drug delivery platform. 2009 , 131, 9311-20	83
1938	Cytoplasmic delivery of liposomal contents mediated by an acid-labile cholesterol-vinyl ether-PEG conjugate. 2009 , 20, 47-59	68
1937	Multimodal drug delivery using gold nanoparticles. 2009 , 1, 61-7	212
1936	Self-assembled lipid nanostructures encapsulating nanoparticles in aqueous solution. 2009 , 5, 3977	17
1935	Spontaneous formation of giant unilamellar vesicles from microdroplets of a polyion complex by focused infrared laser irradiation. 2009 ,	
1934	Stabilization of Liposomes Against Stress Using Polyelectrolytes: Interaction Mechanisms, Influence of pH, Molecular Weight, and Polyelectrolyte Structure. 2009 , 14, 667-677	9
1933	Preparation and evaluation of lyophilized liposome-encapsulated bufadienolides. 2009 , 35, 1048-58	24

1932	Silica nanoparticle supported lipid bilayers for gene delivery. 2009 , 5100-2	68
1931	Chitosan-coated nanoliposome as vitamin E carrier. 2009 , 26, 235-42	69
1930	Preparative size exclusion chromatography combined with detergent removal as a versatile tool to prepare unilamellar and spherical liposomes of highly uniform size distribution. 2009 , 1216, 5838-48	31
1929	Polymeric nanomedicine for cancer MR imaging and drug delivery. 2009 , 3497-510	149
1928	Multifunctional micellar nanomedicine for cancer therapy. 2009 , 234, 123-31	255
1927	Drug nanocarriers and functional nanoparticles: applications in cancer therapy. 2009 , 6, 391-403	59
1926	Therapeutic nanoparticles to combat cancer drug resistance. 2009 , 10, 836-41	161
1925	PolymerDrug Conjugates. 2010 , 481-511	1
1924	Nanoparticles for Cancer Detection and Therapy. 2010 , 51	5
1923	Glyconanoparticles: New Nanomaterials for Biological Applications. 2010 , 213-259	6
1922	Multifunctional StimuliResponsive Nanoparticles for Targeted Delivery of Small and Macromolecular Therapeutics. 2010 , 555-585	4
1921	In vivo targeting of B-cell lymphoma with glycan ligands of CD22. 2010 , 115, 4778-86	155
1920	Preparation and Characterization of Phase-Segregated Vesicles of Photopolymerizable Diacetylene Mixed with Nonpolymerizable Amphiphiles. 2010 , 83, 1551-1557	1
1919	Intracellular transduction using cell-penetrating peptides. 2010 , 6, 628-40	110
1918	Chitosan-based systems for molecular imaging. 2010 , 62, 42-58	177
1917	Nanotechnology applied to the treatment of malaria. 2010 , 62, 560-75	194
1916	Nanotechnological approaches against Chagas disease. 2010 , 62, 576-88	53
1915	Improving the efficacy of combined modality anticancer therapy using HPMA copolymer-based nanomedicine formulations. 2010 , 62, 203-30	94

1914	HPMA copolymers: 30 years of advances. 2010 , 62, 119-21	53
1913	Imaging and drug delivery using theranostic nanoparticles. 2010 , 62, 1052-1063	960
1912	Peptide modified nanocarriers for selective targeting of bombesin receptors. 2010 , 6, 878-87	34
1911	Coating optimization of superparamagnetic iron oxide nanoparticles for high T2 relaxivity. 2010 , 10, 4607-13	343
1910	Colloidal microcapsules: self-assembly of nanoparticles at the liquid-liquid interface. 2010 , 5, 2442-53	50
1909	Raman Micro-spectral Imaging of Cells and Intracellular Drug Delivery Using Nanocarrier Systems. 2010 , 137-163	
1908	Archaeal lipid mucosal vaccine adjuvant and delivery system. 2010 , 9, 431-40	16
1907	"Intelligent" nanoassembly for gene delivery: in vitro transfection and the possible mechanism. 2010 , 383, 271-6	2
1906	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. 2010 , 395, 243-50	114
1905	Uptake and intracellular release kinetics of liposome formulations in glioma cells. 2010 , 395, 251-9	39
1904	Folic acid conjugated nanoparticles of mixed lipid monolayer shell and biodegradable polymer core for targeted delivery of Docetaxel. 2010 , 31, 330-8	268
1903	A microcomposite hydrogel for repeated on-demand ultrasound-triggered drug delivery. 2010 , 31, 5208-17	91
1902	Increased stability in plasma and enhanced cellular uptake of thermally denatured albumin-coated liposomes. 2010 , 76, 434-40	42
1901	Polymeric nanomedicines for image-guided drug delivery and tumor-targeted combination therapy. 2010 , 5, 197-212	114
1900	Photodynamic efficacy of hypericin targeted by two delivery techniques to hepatocellular carcinoma cells. 2010 , 25, 675-83	12
1899	Paramagnetic and fluorescent liposomes for target-specific imaging and therapy of tumor angiogenesis. 2010 , 13, 161-73	84
1898	Evaluation of cytotoxicity and mechanism of apoptosis of doxorubicin using folate-decorated chitosan nanoparticles for targeted delivery to retinoblastoma. 2010 , 1, 47-62	43
1897	Liposomalization of lactoferrin enhanced its anti-tumoral effects on melanoma cells. 2010 , 23, 485-92	39

1896	Pegylated phospholipids-based self-assembly with water-soluble drugs. 2010 , 27, 361-70	51
1895	In vivo distribution of polymeric nanoparticles at the whole-body, tumor, and cellular levels. 2010 , 27, 2343-55	106
1894	Enhanced in vivo bioluminescence imaging using liposomal luciferin delivery system. 2010 , 141, 128-36	44
1893	Evaluation of pH-responsive liposomes containing amino acid-based zwitterionic lipids for improving intracellular drug delivery in vitro and in vivo. 2010 , 142, 267-76	106
1892	Biodegradable calcium phosphate nanoparticle with lipid coating for systemic siRNA delivery. 2010 , 142, 416-21	356
1891	Synthesis and in vitro evaluation of cyclic NGR peptide targeted thermally sensitive liposome. 2010 , 143, 265-73	129
1890	In vivo MRI multicontrast kinetic analysis of the uptake and intracellular trafficking of paramagnetically labeled liposomes. 2010 , 144, 271-9	58
1889	Physicochemical parameters affecting liposomal bisphosphonates bioactivity for restenosis therapy: internalization, cell inhibition, activation of cytokines and complement, and mechanism of cell death. 2010 , 146, 182-95	69
1888	Downregulation of EGFR by a novel multivalent nanobody-liposome platform. 2010 , 145, 165-75	99
1887	Complement activation cascade triggered by PEG-PL engineered nanomedicines and carbon nanotubes: the challenges ahead. 2010 , 146, 175-81	142
1886	Gold nanoparticle platforms as drug and biomacromolecule delivery systems. 2010 , 148, 122-127	355
1885	Gold-embedded photosensitive liposomes for drug delivery: triggering mechanism and intracellular release. 2010 , 147, 136-43	121
1884	Long-term stability of sterically stabilized liposomes by freezing and freeze-drying: Effects of cryoprotectants on structure. 2010 , 41, 546-55	137
1883	Liposome contrast agent for CT-based detection and localization of neoplastic and inflammatory lesions in rabbits: validation with FDG-PET and histology. 2010 , 5, 147-54	26
1882	A fluorescent chromophore TOTO-3 as a 'smart probe' for the assessment of ultrasound-mediated local drug delivery in vivo. 2011 , 6, 267-74	17
1881	Preliminary evaluation of acute toxicity of (188) Re-BMEDA-liposome in rats. 2010 , 30, 680-7	10
1880	Nanoscale Metal-Organic Frameworks: Magnetic Resonance Imaging Contrast Agents and Beyond. 2010 , 2010, 3725-3734	164
1879	Ghrelin-liposome interactions: characterization of liposomal formulations of an acylated 28-amino acid peptide using CE. 2010 , 31, 339-45	16

1878	Capsosomes with Multilayered Subcompartments: Assembly and Loading with Hydrophobic Cargo. 2010 , 20, 59-66	106
1877	Preparation of Uniform, Water-Soluble, and Multifunctional Nanocomposites with Tunable Sizes. 2010 , 20, 773-780	70
1876	Remotely triggerable drug delivery systems. 2010 , 22, 4925-43	498
1875	Long-Circulating and Passively Tumor-Targeted Polymer-Drug Conjugates Improve the Efficacy and Reduce the Toxicity of Radiochemotherapy. 2010 , 12, B413-B421	0
1874	Giant vesicles: preparations and applications. 2010 , 11, 848-65	524
1873	Poly(ethylene glycol)-graft-hollow silica vesicles for drug delivery. 2010 , 16, 3001-4	41
1872	Advances in platinum chemotherapeutics. 2010 , 16, 7064-77	220
1871	Anwendung von Poly(ethylenglycol) beim Wirkstoff-Transport: Vorteile, Nachteile und Alternativen. 2010 , 122, 6430-6452	106
1870	Poly(ethylene glycol) in drug delivery: pros and cons as well as potential alternatives. 2010 , 49, 6288-308	2431
1869	Intracellular antibodies and cancer: new technologies offer therapeutic opportunities. 2010 , 32, 589-98	35
1868	Brain delivery of proteins by the intranasal route of administration: a comparison of cationic liposomes versus aqueous solution formulations. 2010 , 99, 1745-61	75
1867	Structural effects caused by spray- and freeze-drying of liposomes and bilayer disks. 2010 , 99, 2032-48	36
1866	Delivery of therapeutic proteins. 2010 , 99, 2557-75	398
1865	Triggering liposomal drug release with a lysosomotropic agent. 2010 , 99, 5011-8	8
1864	Photocrosslinked DNA nanospheres for drug delivery. 2010 , 31, 1207-11	23
1863	Time-Resolved Small-Angle Neutron Scattering as a Tool for Studying Controlled Release from Liposomes using Polymer-Enzyme Conjugates. 2010 , 31, 1685-90	10
1862	Cholesterol induced CTAB micelle-to-vesicle phase transitions. 2010 , 350, 10-5	61
1861	A novel carrier of radionuclide based on surface modified poly(lactide-co-glycolide) nanofibrous membrane. 2010 , 51, 3344-3348	17

1860	Tracking of antibody reduction fragments by capillary gel electrophoresis during the coupling to microparticles surface. 2010 , 53, 172-8	21
1859	In vitro assessment of liposomal neridronate on MDA-MB-231 human breast cancer cells. 2010 , 383, 116-22	19
1858	In vitro and in vivo anti-tumor effects of novel Span 80 vesicles containing immobilized Eucheuma serra agglutinin. 2010 , 389, 157-67	32
1857	Design of a dual-ligand system using a specific ligand and cell penetrating peptide, resulting in a synergistic effect on selectivity and cellular uptake. 2010 , 396, 143-8	50
1856	Umbelliprenin-coated Fe ₃ O ₄ magnetite nanoparticles: Antiproliferation evaluation on human Fibrosarcoma cell line (HT-1080). 2010 , 30, 1038-1042	23
1855	The exploitation of differential endocytic pathways in normal and tumor cells in the selective targeting of nanoparticulate chemotherapeutic agents. 2010 , 31, 923-33	133
1854	Poly(L-lysine) nanostructured particles for gene delivery and hormone stimulation. 2010 , 31, 1699-706	71
1853	Light-mediated and H-bond facilitated liposomal release: the role of lipid head groups in release efficiency. 2010 , 51, 529-532	14
1852	Reversed-phase high-performance liquid chromatography method for simultaneous analysis of two liposome-formulated short interfering RNA duplexes. 2010 , 401, 61-7	13
1851	Self-assembled hyaluronic acid nanoparticles for active tumor targeting. 2010 , 31, 106-14	445
1850	The in vitro biocompatibility of self-assembled hyperbranched copolyphosphate nanocarriers. 2010 , 31, 5643-51	53
1849	Resorcinolic lipids improve the properties of sphingomyelin-cholesterol liposomes. 2010 , 163, 648-54	8
1848	Thermoresponsive microgel decorated with silica nanoparticles in shell: Biomimetic synthesis and drug release application. 2010 , 356, 32-39	37
1847	Protein immobilization on liposomes and lipid-coated nanoparticles by protein trans-splicing. 2010 , 16, 582-8	20
1846	Reduction-sensitive, robust vesicles with a non-covalently modifiable surface as a multifunctional drug-delivery platform. 2010 , 6, 1430-41	109
1845	Rapid delivery of drug carriers propelled and navigated by catalytic nanoshuttles. 2010 , 6, 2741-7	216
1844	Nanoimaging and neurological surgery. 2010 , 2, 601-17	1
1843	Quinoline-n-butylcyanoacrylate-based nanoparticles for brain targeting for the diagnosis of Alzheimer's disease. 2010 , 2, 35-47	105

1842	Multifunctional imaging nanoprobes. 2010 , 2, 138-50	55
1841	Mesoporous silica nanoparticles for intracellular controlled drug delivery. 2010 , 6, 1952-67	820
1840	Albumin nanoshell encapsulation of near-infrared-excitable rare-Earth nanoparticles enhances biocompatibility and enables targeted cell imaging. 2010 , 6, 1631-40	48
1839	A novel intracellular protein delivery platform based on single-protein nanocapsules. 2010 , 5, 48-53	340
1838	Strategies in the design of nanoparticles for therapeutic applications. <i>Nature Reviews Drug Discovery</i> , 2010 , 9, 615-27	64.1 2737
1837	Building Cell Selectivity into CPP-Mediated Strategies. 2010 , 3, 1456-1490	36
1836	DNA-mediated self-assembly of artificial vesicles. 2010 , 5, e9886	55
1835	POLYMER-MODIFIED GADOLINIUM NANOPARTICLES FOR TARGETED MAGNETIC RESONANCE IMAGING AND THERAPY. 2010 , 01, 263-275	3
1834	Immunologically active biomaterials for cancer therapy. 2011 , 344, 279-97	10
1833	Quantitative high-performance thin-layer chromatography determination of common liposome components and critical parameters influencing the analysis results. 2010 , 20, 124-33	5
1832	Liposomes modified by carbohydrate ligands can target B cells for the treatment of B-cell lymphomas. 2010 , 9, 1251-6	8
1831	. 2010 ,	
1830	LIPID-POLYMER HYBRID NANOPARTICLES: SYNTHESIS, CHARACTERIZATION AND APPLICATIONS. 2010 , 01, 163-173	83
1829	Protein-based nanoparticles as a drug delivery system: chances, risks, perspectives. 2010 , 20, 331-342	21
1828	Antinuclear antibodies with nucleosome-restricted specificity for targeted delivery of chemotherapeutic agents. 2010 , 1, 257-72	12
1827	Ki-67 as a molecular target for therapy in an in vitro three-dimensional model for ovarian cancer. 2010 , 70, 9234-42	62
1826	HPMA-based polymer therapeutics improve the efficacy of surgery, of radiotherapy and of chemotherapy combinations. 2010 , 5, 1501-23	15
1825	Protein delivery: from conventional drug delivery carriers to polymeric nanoreactors. 2010 , 7, 63-78	54

1824	Visible drug delivery by supramolecular nanocarriers directing to single-platformed diagnosis and therapy of pancreatic tumor model. 2010 , 70, 7031-41	119
1823	RNAi nanomedicines: challenges and opportunities within the immune system. 2010 , 21, 232001	37
1822	Nanoprodugs of NSAIDs Inhibit the Growth of U87-MG Glioma Cells. 2010 , 2010, 1-10	1
1821	Endocytosis of PEGylated agents enhances cancer imaging and anticancer efficacy. 2010 , 9, 1903-12	30
1820	Long-circulating Targeted Nanoparticles for Cancer Therapy. 2010 , 6, 347-354	22
1819	Nanoparticles: functionalization and multifunctional applications in biomedical sciences. 2010 , 17, 4559-77	211
1818	Peptidic tumor targeting agents: the road from phage display peptide selections to clinical applications. 2010 , 16, 1040-54	120
1817	Using liposomes to target infection and inflammation induced by foreign body injuries or medical implants. 2010 , 7, 1175-89	17
1816	Interventional therapy of head and neck cancer with lipid nanoparticle-carried rhenium 186 radionuclide. 2010 , 21, 1271-9	41
1815	A liposome-based nanostructure for aptamer directed delivery. 2010 , 46, 249-51	142
1814	Light-sensitive lipid-based nanoparticles for drug delivery: design principles and future considerations for biological applications. 2010 , 27, 364-81	118
1813	Glyconanoparticles polyvalent tools to study carbohydrate-based interactions. 2010 , 64, 211-90	79
1812	An integrated approach for the rational design of nanovectors for biomedical imaging and therapy. 2010 , 69, 31-64	43
1811	Current trends in liposome research. 2010 , 605, 1-27	74
1810	Self-cross-linked polymer nanogels: a versatile nanoscopic drug delivery platform. 2010 , 132, 17227-35	443
1809	Liposomal squalenoyl-gemcitabine: formulation, characterization and anticancer activity evaluation. 2010 , 2, 1521-6	31
1808	Controlled-Release Dosage Forms. 2010 , 1	
1807	Liposomes as Smart [®] pharmaceutical nanocarriers. 2010 , 6, 4026	188

1806	Hydrophobic gold nanoparticle self-assembly with phosphatidylcholine lipid: membrane-loaded and janus vesicles. 2010 , 10, 3733-9	173
1805	Engineering advanced capsosomes: maximizing the number of subcompartments, cargo retention, and temperature-triggered reaction. 2010 , 4, 1351-61	129
1804	Bone marrow-targeted liposomal carriers: a feasibility study in nonhuman primates. 2010 , 5, 41-9	19
1803	Pharmacokinetic and local toxicity studies of liposome-encapsulated and plain mepivacaine solutions in rats. 2010 , 17, 68-76	9
1802	Multimodal clinical imaging to longitudinally assess a nanomedical anti-inflammatory treatment in experimental atherosclerosis. 2010 , 7, 2020-9	128
1801	Nanoparticle technologies for cancer therapy. 2010 , 55-86	226
1800	Dendronized cavitands: A step towards a synthetic viral capsid?. 2010 , 6, 1377	8
1799	Photocontrolled compound release system using caged antimicrobial peptide. 2010 , 132, 9524-5	46
1798	Cytotoxicity and internalization of polymer hydrogel capsules by mammalian cells. 2010 , 11, 2123-9	38
1797	Generation of liposome aerosols with the Aeronex Pro and the AeroProbe nebulizers. 2010 , 20, 55-61	30
1796	Nanotheranostics and image-guided drug delivery: current concepts and future directions. 2010 , 7, 1899-912	305
1795	The potential of nanomedicine therapies to treat neovascular disease in the retina. 2010 , 2, 21	36
1794	Storage and separation applications of nanoporous metal-organic frameworks. 2010 , 12, 1337-1353	139
1793	Cytoplasmic delivery of liposomes into MCF-7 breast cancer cells mediated by cell-specific phage fusion coat protein. 2010 , 7, 1149-58	50
1792	Surface-bound cytomimetic assembly based on chemoselective and biocompatible immobilization and further modification of intact liposome. 2010 , 21, 1994-9	8
1791	Synthesis and characterization of novel radiopaque poly(allyl amine) nanoparticles. 2010 , 21, 335603	11
1790	Designer nanoparticles: incorporating size, shape and triggered release into nanoscale drug carriers. 2010 , 7, 479-95	231
1789	Spontaneous formation of nanosized unilamellar polyion complex vesicles with tunable size and properties. 2010 , 132, 1631-6	189

1788	Fluorescent nanoprobes as a biomarker for increased vascular permeability: implications in diagnosis and treatment of cancer and inflammation. 2010 , 21, 93-101	58
1787	Carrier system of chemical drugs and isotope from gelatin electrospun nanofibrous membranes. 2010 , 11, 2190-4	20
1786	Multifunctionality of lipid-core micelles for drug delivery and tumour targeting. 2010 , 27, 232-46	72
1785	Flow cytometry as a novel tool to evaluate and separate vesicles using characteristic scatter signatures. 2010 , 114, 10010-6	5
1784	Self-assembled nanostructures of homopolymer and diblock copolymer blends in a selective solvent. 2010 , 114, 1257-63	23
1783	Liposomal Cu-64 labeling method using bifunctional chelators: poly(ethylene glycol) spacer and chelator effects. 2010 , 21, 1206-15	39
1782	Insight into the cellular uptake mechanism of a secondary amphipathic cell-penetrating peptide for siRNA delivery. 2010 , 49, 3393-402	63
1781	Liposomes in double-emulsion globules. 2010 , 26, 3225-31	13
1780	Trapping single molecules in liposomes: surface interactions and freeze-thaw effects. 2010 , 114, 15191-8	36
1779	Preparation of targeting proteoliposome by postinsertion of a linker molecule conjugated with recombinant human epidermal growth factor. 2010 , 21, 345-51	16
1778	Quantum dot and Cy5.5 labeled nanoparticles to investigate lipoprotein biointeractions via Förster resonance energy transfer. 2010 , 10, 5131-8	69
1777	Noncovalent liposome linkage and miniaturization of capsosomes for drug delivery. 2010 , 11, 3548-55	58
1776	Conjugation of ligands to the surface of preformed liposomes by click chemistry. 2010 , 605, 267-77	16
1775	Properties, engineering and applications of lipid-based nanoparticle drug-delivery systems: current research and advances. 2010 , 5, 1237-60	71
1774	Two-photon fluorescence correlation spectroscopy of lipid-encapsulated fluorescent nanodiamonds in living cells. 2010 , 18, 5896-905	69
1773	Mitochondrially targeted anti-cancer agents. 2010 , 10, 670-81	100
1772	Utilising atomic force microscopy for the characterisation of nanoscale drug delivery systems. 2010 , 74, 2-13	125
1771	Tumor targeting of functionalized lipid nanoparticles: assessment by in vivo fluorescence imaging. 2010 , 75, 137-47	96

1770	PEP and CADY-mediated delivery of fluorescent peptides and proteins into living cells. 2010 , 1798, 2274-85	55
1769	Therapeutic efficacy and microSPECT/CT imaging of 188Re-DXR-liposome in a C26 murine colon carcinoma solid tumor model. 2010 , 37, 95-104	69
1768	Colchicine-loaded lipid bilayer-coated 50 nm mesoporous nanoparticles efficiently induce microtubule depolymerization upon cell uptake. 2010 , 10, 2484-92	134
1767	Targeting nanoparticles to cancer. 2010 , 62, 90-9	654
1766	Nanostructured hyaluronic acid-based materials for active delivery to cancer. 2010 , 7, 681-703	148
1765	Progress in nanotechnology for healthcare. 2010 , 19, 127-35	40
1764	Photoinduced drug release from thermosensitive AuNPs-liposome using a AuNPs-switch. 2010 , 46, 7202-4	58
1763	Enhanced drug loading in polymerized micellar cargo. 2010 , 8, 3902-7	26
1762	Transmembrane pH-gradient liposomes to treat cardiovascular drug intoxication. 2010 , 4, 7552-8	37
1761	Enabling individualized therapy through nanotechnology. 2010 , 62, 57-89	151
1760	Receptor-targeted nanocarriers for therapeutic delivery to cancer. 2010 , 27, 286-98	212
1759	Assessment of liposome-cell interactions. 2010 , 606, 199-207	4
1758	Conscripts of the infinite armada: systemic cancer therapy using nanomaterials. 2010 , 7, 266-76	159
1757	Applications of nanotechnology to imaging and therapy of brain tumors. 2010 , 20, 283-92	15
1756	Quick synthesis of lipid-polymer hybrid nanoparticles with low polydispersity using a single-step sonication method. 2010 , 26, 16958-62	148
1755	Evasion of the accelerated blood clearance phenomenon by coating of nanoparticles with various hydrophilic polymers. 2010 , 11, 2700-6	116
1754	Stimuli-responsive liposome fusion mediated by gold nanoparticles. 2010 , 4, 1935-42	131
1753	Physicochemical and biopharmaceutical characterization of dipalmitoyl phosphatidylcholine liposomes sterically stabilized by copolymers bearing short blocks of lipid-mimetic units. 2010 , 6, 591-601	11

1752	Spontaneous formation of temperature-responsive assemblies by molecular recognition of a Eyclodextrin containing block copolymer and poly(N-isopropylacrylamide). 2010 , 6, 3669-3679	21
1751	Dynamics of Nanostructures for Drug Delivery: the Potential of QENS. 2010 , 224, 227-242	1
1750	Spontaneous formation of temperature-responsive assemblies by molecular recognition of a Eyclodextrin-containing block copolymer and poly(N-isopropylacrylamide). 2010 , 6, 610-617	31
1749	Hybrid nanomaterials for biomedical applications. 2010 , 46, 5832-49	237
1748	Surface functionalization of magnetic mesoporous silica nanoparticles for controlled drug release. 2010 , 20, 9941	124
1747	Long-circulating, pH-sensitive liposomes. 2010 , 605, 527-44	11
1746	Synthesis and in vitro cancer cell targeting of folate-functionalized biodegradable amphiphilic dendrimer-like star polymers. 2010 , 11, 3680-7	37
1745	Design and development of nanovehicle-based delivery systems for preventive or therapeutic supplementation with flavonoids. 2010 , 17, 74-95	114
1744	Multilamellar liposomes entrapping aminosilane-modified maghemite nanoparticles: "magnetonions". 2010 , 12, 12794-801	9
1743	Simultaneous templating of polymer nanocapsules and entrapped silver nanoparticles. 2010 , 46, 7346-8	41
1742	Magnetoliposomes for controlled drug release in the presence of low-frequency magnetic field. 2010 , 6, 154-162	90
1741	Radiolabeling of lipid-based nanoparticles for diagnostics and therapeutic applications: a comparison using different radiometals. 2010 , 20, 219-27	44
1740	Lipid multilayered particles: the role of chitosan on structure and morphology. 2010 , 6, 2533	7
1739	Hydrophobic chromophore cargo in micellar structures: a different strategy to sensitize lanthanide cations. 2010 , 46, 124-6	27
1738	Small interfering ribonucleic acid design strategies for effective targeting and gene silencing. 2011 , 6, 269-89	13
1737	pH-Triggered controlled drug release from mesoporous silica nanoparticles via intracellular dissolution of ZnO nanolids. 2011 , 133, 8778-81	500
1736	Conformational and segmental dynamics in lipid-based vesicles. 2011 , 7, 3929	25
1735	Controlled drug release under a low frequency magnetic field: effect of the citrate coating on magnetoliposomes stability. 2011 , 7, 1025-1037	71

1734	Grand challenges in modulating the immune response with RNAi nanomedicines. 2011 , 6, 1771-85	30
1733	Simultaneous measurement of phosphorus and platinum by Size Exclusion Chromatography coupled to Inductively Coupled Plasma Mass Spectrometry (SEC-ICPMS) using xenon as reactive collision gas for characterization of platinum drug liposomes. 2011 , 26, 1466	15
1732	Improvement of cytotoxic and apoptogenic properties of crocin in cancer cell lines by its nanoliposomal form. 2011 , 49, 1039-45	74
1731	Chemoradionuclide therapy with ¹⁸⁶ re-labeled liposomal doxorubicin: toxicity, dosimetry, and therapeutic response. 2011 , 26, 603-14	17
1730	Structure and permeability of magnetoliposomes loaded with hydrophobic magnetic nanoparticles in the presence of a low frequency magnetic field. 2011 , 7, 4801	41
1729	Multistage nanovectors: from concept to novel imaging contrast agents and therapeutics. 2011 , 44, 979-89	174
1728	Self-assembled liposomes from amphiphilic electrospun nanofibers. 2011 , 7, 8239	58
1727	Nanostructured polymer assemblies formed at interfaces: applications from immobilization and encapsulation to stimuli-responsive release. 2011 , 13, 4782-801	78
1726	Engineering Polymersome Protocells. 2011 , 2, 1612-1623	103
1725	Development of the novel PEG-PE-based polymer for the reversible attachment of specific ligands to liposomes: synthesis and in vitro characterization. 2011 , 22, 2005-13	40
1724	Structural studies of the monolayers and bilayers formed by a novel cholesterol-phospholipid chimera. 2011 , 27, 8275-81	14
1723	Characterization of CD44-mediated cancer cell uptake and intracellular distribution of hyaluronan-grafted liposomes. 2011 , 8, 1233-46	175
1722	Thermodynamic and physical interactions between novel polymeric surfactants and lipids: toward designing stable polymer-lipid complexes. 2011 , 27, 9131-8	8
1721	Synthesis of amphiphilic star block copolymers and their evaluation as transdermal carriers. 2011 , 12, 898-906	51
1720	Synthesis and Unimolecular Micelles of Amphiphilic Dendrimer-like Star Polymer with Various Functional Surface Groups. 2011 , 44, 1500-1512	66
1719	A stripe-to-droplet transition driven by conformational transitions in a binary lipid-lipopolymer mixture at the air-water interface. 2011 , 27, 1900-6	6
1718	Physical determinants of β barrel membrane protein folding in lipid vesicles. 2011 , 100, 2131-40	32
1717	Uptake and antileishmanial activity of meglumine antimoniate-containing liposomes in Leishmania (Leishmania) major-infected macrophages. 2011 , 38, 341-7	52

1716	On the edge of new technologies (advanced therapies, nanomedicines). 2011 , 8, e1-e42	10
1715	Gemcitabine-loaded innovative nanocarriers vs GEMZAR: biodistribution, pharmacokinetic features and in vivo antitumor activity. 2011 , 8, 1609-29	44
1714	Design and synthesis of novel functional lipid-based bioconjugates for drug delivery and other applications. 2011 , 751, 357-78	15
1713	Liposomes and other vesicular systems: structural characteristics, methods of preparation, and use in nanomedicine. 2011 , 104, 1-52	44
1712	Imaging, autoradiography, and biodistribution of (188)Re-labeled PEGylated nanoliposome in orthotopic glioma bearing rat model. 2011 , 26, 717-25	22
1711	Novel asparagine-derived lipid enhances distearoylphosphatidylcholine bilayer resistance to acidic conditions. 2011 , 27, 4447-55	8
1710	Converging layer-by-layer polyelectrolyte microcapsule and cubic lyotropic liquid crystalline nanoparticle approaches for molecular encapsulation. 2011 , 7, 4257	48
1709	A smart multifunctional nanocomposite for intracellular targeted drug delivery and self-release. 2011 , 22, 415101	14
1708	Metal-Organic Frameworks for Biomedical Imaging. 2011 , 251-266	1
1707	Stabilization of liposomes during drying. 2011 , 8, 375-88	84
1706	Stimuli-responsive liposome-nanoparticle assemblies. 2011 , 8, 1025-40	97
1705	Folate-functionalized unimolecular micelles based on a degradable amphiphilic dendrimer-like star polymer for cancer cell-targeted drug delivery. 2011 , 12, 2697-707	81
1704	A new method for liposome preparation using a membrane contactor. 2011 , 21, 213-20	77
1703	Synthesis and Evaluation of pH Responsive Silica-Polymer Hybrid Nano Capsules. 2011 , 9, 347-358	6
1702	Nanodrug applications in photodynamic therapy. 2011 , 8, 14-29	259
1701	Molecular-targeted nanotherapies in cancer: enabling treatment specificity. 2011 , 5, 492-503	38
1700	Degradation of liposomal subcompartments in PEGylated capsosomes. 2011 , 7, 9638	25
1699	The use of convection-enhanced delivery with liposomal toxins in neurooncology. 2011 , 3, 369-97	23

1698	The Delivery of Drugs [Peptides and Proteins. 2011 , 587-604	6
1697	Carbohydrate-based nanoparticles for potential applications in medicine. 2011 , 104, 141-73	19
1696	Directed Enzyme Prodrug Therapies. 2011 , 271-344	6
1695	Intracellular delivery of nanoparticles with CPPs. 2011 , 683, 431-51	20
1694	Mesoporous silica nanoparticles loading doxorubicin reverse multidrug resistance: performance and mechanism. 2011 , 3, 4314-22	128
1693	Polymeric nanoparticles with precise ratiometric control over drug loading for combination therapy. 2011 , 8, 1401-7	154
1692	Acid degradable ZnO quantum dots as a platform for targeted delivery of an anticancer drug. 2011 , 21, 13406	99
1691	Parenteral Delivery of Peptides and Proteins. 2011 , 531-622	4
1690	Accumulation of sub-100 nm polymeric micelles in poorly permeable tumours depends on size. 2011 , 6, 815-23	1773
1689	Subunit vaccines of the future: the need for safe, customized and optimized particulate delivery systems. 2011 , 2, 1057-77	87
1688	Azide-reactive liposome for chemoselective and biocompatible liposomal surface functionalization and glyco-liposomal microarray fabrication. 2011 , 27, 13097-103	20
1687	Biomedical Engineering Systems and Technologies. 2011 ,	2
1686	From phage display to dendrimer display: insights into multivalent binding. 2011 , 133, 6636-41	32
1685	Comparative study of commonly used molecular dynamics force fields for modeling organic monolayers on water. 2011 , 115, 3964-71	21
1684	Double mesoporous silica shelled spherical/ellipsoidal nanostructures: Synthesis and hydrophilic/hydrophobic anticancer drug delivery. 2011 , 21, 5290	116
1683	Core functionalization of polydiacetylene micelles by a click reaction. 2011 , 7, 1648-1650	12
1682	Cationic gel-phase liposomes with "decorated" anionic SPIO nanoparticles: morphology, colloidal, and bilayer properties. 2011 , 27, 8645-52	17
1681	Bioconjugation Protocols. 2011 ,	5

1680	Promising approaches in using magnetic nanoparticles in oncology. 2011 , 392, 955-60	15
1679	Multicompartment Particle Assemblies for Bioinspired Encapsulated Reactions. 2011 , 2, 2639-2649	92
1678	Polyamine salt aggregate assembly of capsules as responsive drug delivery vehicles. 2011 , 21, 9454	67
1677	Preparation of dry reconstituted liposomal powder by freeze-drying at room temperature. 2011 , 21, 28-37	7
1676	Curvature, rigidity, and pattern formation in functional polymer micelles and vesicles [From dynamic visualization to molecular simulation. 2011 , 15, 277-284	33
1675	Liposome based delivery systems in pancreatic cancer treatment: from bench to bedside. 2011 , 37, 633-42	111
1674	Preparation, therapeutic efficacy and intratumoral localization of targeted daunorubicin liposomes conjugating folate-PEG-CHEMS. 2011 , 65, 2-8	41
1673	Novel cyclosporin A formulations using MPEG-hexyl-substituted polylactide micelles: a suitability study. 2011 , 77, 56-65	63
1672	Multi-stage delivery nano-particle systems for therapeutic applications. 2011 , 1810, 317-29	112
1671	A novel class of photo-triggerable liposomes containing DPPC:DC(8,9)PC as vehicles for delivery of doxorubicin to cells. 2011 , 1808, 117-26	97
1670	Preparation and evaluation of easy energy supply property of medium-chain fatty acids liposomes. 2011 , 28, 783-90	3
1669	Nanomedicine(s) under the microscope. 2011 , 8, 2101-41	698
1668	miRNA-mediated immune regulation and immunotherapeutic potential in glioblastoma. 2011 , 1, 1637-1650	7
1667	Triggered release from liposomes through magnetic actuation of iron oxide nanoparticle containing membranes. 2011 , 11, 1664-70	309
1666	Direct, simultaneous measurement of liposome-encapsulated and released drugs in plasma by on-line SPE-SPE-HPLC. 2011 , 879, 3620-5	34
1665	Mucosal immunization with liposome-nucleic acid adjuvants generates effective humoral and cellular immunity. 2011 , 29, 5304-12	33
1664	Effect of recombinant plasmid pEGFP-AFP-hTNF on liver cancer cells (HepG2 Cells) in vitro when delivered by PEG-PEI/Fe ₃ O ₄ nanomagnetic fluid. 2011 , 110, 326-35	5
1663	Perspectives and opportunities for nanomedicine in the management of atherosclerosis. <i>Nature Reviews Drug Discovery</i> , 2011 , 10, 835-52	64.1 281

1662	Functional liposomes and supported lipid bilayers: towards the complexity of biological archetypes. 2011 , 13, 8769-82	18
1661	Phospholipid membrane encapsulation of nanoparticles for surface-enhanced Raman scattering. 2011 , 27, 7024-33	43
1660	Study of PEGylated lipid layers as a model for PEGylated liposome surfaces: molecular dynamics simulation and Langmuir monolayer studies. 2011 , 27, 7788-98	84
1659	Kinetically controlled cellular interactions of polymer-polymer and polymer-liposome nanohybrid systems. 2011 , 22, 466-74	35
1658	Nanoparticles in cancer chemotherapy. 2011 , 104, 489-507	24
1657	Synthesis of monomethoxypolyethyleneglycol-cholesteryl ester and effect of its incorporation in liposomes. 2011 , 12, 1056-63	12
1656	Indocyanine green-containing nanostructure as near infrared dual-functional targeting probes for optical imaging and photothermal therapy. 2011 , 8, 447-56	237
1655	Improving drug potency and efficacy by nanocarrier-mediated subcellular targeting. 2011 , 3, 64ra2	204
1654	Gated and near-surface diffusion of charged fullerenes in nanochannels. 2011 , 5, 9382-91	38
1653	Bone marrow-targeted liposomal carriers. 2011 , 8, 317-28	28
1652	Nanoscale Drug Delivery and Hyperthermia: The Materials Design and Preclinical and Clinical Testing of Low Temperature-Sensitive Liposomes Used in Combination with Mild Hyperthermia in the Treatment of Local Cancer. 2011 , 3, 38-64	200
1651	Magnetic and Multifunctional Magnetic Nanoparticles in Nanomedicine: Challenges and Trends in Synthesis and Surface Engineering for Diagnostic and Therapy Applications. 2011 ,	2
1650	Biodistribution and pharmacokinetics of ¹⁸⁸ Re-liposomes and their comparative therapeutic efficacy with 5-fluorouracil in C26 colonic peritoneal carcinomatosis mice. 2011 , 6, 2607-19	26
1649	Liposomal photosensitizers: potential platforms for anticancer photodynamic therapy. 2011 , 44, 729-37	37
1648	Novel RGD-lipid conjugate-modified liposomes for enhancing siRNA delivery in human retinal pigment epithelial cells. 2011 , 6, 2567-80	68
1647	Perspectives in Nanomedicine-Based Research Towards Cancer Therapies. 2011 , 7, 142-152	3
1646	Organisation structurale et moléculaire des lipides dans les aliments : impacts possibles sur leur digestion et leur assimilation par l'Homme. 2011 , 18, 324-351	13
1645	Nanomedicine in cancer therapy: innovative trends and prospects. 2011 , 102, 1247-52	174

1644	Interbilayer-crosslinked multilamellar vesicles as synthetic vaccines for potent humoral and cellular immune responses. 2011 , 10, 243-51	426
1643	The targeted delivery of multicomponent cargos to cancer cells by nanoporous particle-supported lipid bilayers. 2011 , 10, 389-97	838
1642	Drug delivery: One nanoparticle, one kill. 2011 , 10, 342-3	121
1641	Could nanoparticle systems have a role in the treatment of cerebral gliomas?. 2011 , 7, 744-52	60
1640	Nanomedicine approaches in vascular disease: a review. 2011 , 7, 763-79	85
1639	In Vivo Modulation of Dendritic Cells by Engineered Materials: Towards New Cancer Vaccines. 2011 , 6, 466-477	55
1638	Medium-chain fatty acid nanoliposomes for easy energy supply. 2011 , 27, 700-6	45
1637	Positron emission tomography imaging of the stability of Cu-64 labeled dipalmitoyl and distearoyl lipids in liposomes. 2011 , 151, 28-34	29
1636	Improved paramagnetic liposomes for MRI visualization of pH triggered release. 2011 , 154, 196-202	53
1635	Inorganic nanoparticles for cancer imaging and therapy. 2011 , 155, 344-57	408
1634	"Nanoantibiotics": a new paradigm for treating infectious diseases using nanomaterials in the antibiotics resistant era. 2011 , 156, 128-45	1184
1633	Light and electron microscopy characterization of a collagen-liposome-entrapped chondroitin sulfate composite as intra-articular drug delivery system. 2011 , 152 Suppl 1, e113-4	1
1632	Paclitaxel-loaded polymeric nanoparticles based on PCL-PEG-PCL: preparation, in vitro and in vivo evaluation. 2011 , 152 Suppl 1, e114-6	19
1631	A Facile Fabrication of Fe ₃ O ₄ /ZnO Core-Shell Submicron Particles With Controlled Size. 2011 , 47, 3369-3372	15
1630	Doxorubicin-loaded lipid-quantum dot hybrids: surface topography and release properties. 2011 , 416, 443-7	49
1629	A quality by design (QbD) case study on liposomes containing hydrophilic API: I. Formulation, processing design and risk assessment. 2011 , 419, 52-9	102
1628	Liposome formulated with TAT-modified cholesterol for improving brain delivery and therapeutic efficacy on brain glioma in animals. 2011 , 420, 304-12	121
1627	Multifunctional silica nanoparticles for targeted delivery of hydrophobic imaging and therapeutic agents. 2011 , 421, 370-8	25

1626	Polymer-hybridized liposomes anchored with alkyl grafted poly(asparagine). 2011 , 364, 31-8	23
1625	Interactions of amphiphilic block copolymers with lipid model membranes. 2011 , 16, 491-498	26
1624	Minicells: versatile vectors for targeted drug or si/shRNA cancer therapy. 2011 , 22, 909-16	51
1623	The encapsulation of Napachone in 2-hydroxypropyl- β -cyclodextrin inclusion complex into liposomes: a physicochemical evaluation and molecular modeling approach. 2011 , 44, 332-40	44
1622	Approaches for targeting mitochondria in cancer therapy. 2011 , 1807, 689-96	77
1621	Liposomes for HIV prophylaxis. 2011 , 32, 8663-8	29
1620	Tumor bombesin analog loaded long-circulating and pH-sensitive liposomes as tool for tumor identification. 2011 , 21, 7373-5	25
1619	Cholate-derived amphiphilic molecular baskets as glucose transporters across lipid membranes. 2011 , 47, 8970-2	10
1618	Biodegradable Polymeric Assemblies for Biomedical Materials. 2011 , 65-114	47
1617	PEGylation Technology in Nanomedicine. 2011 , 115-140	21
1616	Targeted delivery of nanoparticles to ischemic muscle for imaging and therapeutic angiogenesis. 2011 , 11, 694-700	113
1615	Lipophilic prodrugs and formulations of conventional (deoxy)nucleoside and fluoropyrimidine analogs in cancer. 2011 , 30, 1168-80	10
1614	Drug delivery systems for differential release in combination therapy. 2011 , 8, 171-90	72
1613	Extravasation of polymeric nanomedicines across tumor vasculature. 2011 , 63, 623-39	143
1612	Physical and chemical stability of drug nanoparticles. 2011 , 63, 456-69	606
1611	Polymeric nanohybrids and functionalized carbon nanotubes as drug delivery carriers for cancer therapy. 2011 , 63, 1340-51	190
1610	Adhesive interactions between cells and biotinylated phospholipid vesicles in alginate: towards new responsive biomaterials. 2011 , 22, 1045-51	7
1609	Liposome encapsulation of thiol-capped CdTe quantum dots for enhancing the intracellular delivery. 2011 , 21, 1635-42	8

1608	Targeted delivery to neuroblastoma of novel siRNA-anti-GD2-liposomes prepared by dual asymmetric centrifugation and sterol-based post-insertion method. 2011 , 28, 2261-72	19
1607	Controlled self assembly of collagen nanoparticle. 2011 , 13, 6141-6147	34
1606	Nanomaterials for cancer therapy and imaging. 2011 , 31, 295-302	234
1605	Synthesis of n-squalenoyl cytarabine and evaluation of its affinity with phospholipid bilayers and monolayers. 2011 , 406, 69-77	23
1604	Characterization of the colloidal properties, in vitro antifungal activity, antileishmanial activity and toxicity in mice of a di-stigma-steryl-hemi-succinoyl-glycero-phosphocholine liposome-intercalated amphotericin B. 2011 , 408, 163-72	39
1603	PEG liposomalization of paclitaxel improved its in vivo disposition and anti-tumor efficacy. 2011 , 412, 132-41	104
1602	PEGylation of hyaluronic acid nanoparticles improves tumor targetability in vivo. 2011 , 32, 1880-9	265
1601	Asymmetrical flow field-flow fractionation technique for separation and characterization of biopolymers and bioparticles. 2011 , 1218, 4104-16	119
1600	Targeted Nanocarriers for Imaging and Therapy of Vascular Inflammation. 2011 , 16, 215-227	58
1599	Synthesis of protein nano-conjugates for cancer therapy. 2011 , 4, 425-433	15
1598	Advances in MRI-Based Detection of Cerebrovascular Changes after Experimental Traumatic Brain Injury. 2011 , 2, 524-32	9
1597	Phase and Rheological Behavior of Cetyldimethylbenzylammonium Salicylate (CDBAS) and Water. 2011 , 14, 269-279	7
1596	Oxaliplatin long-circulating liposomes improved therapeutic index of colorectal carcinoma. 2011 , 11, 21	42
1595	Gold-silver alloy nanoshells: a new candidate for nanotherapeutics and diagnostics. 2011 , 6, 554	21
1594	Nanotechnology for the treatment of coronary in stent restenosis: a clinical perspective. 2011 , 3, 8	19
1593	DNAsomes: Multifunctional DNA-based nanocarriers. 2011 , 7, 74-8	66
1592	Magneto-responsive on-demand release of hybrid liposomes formed from Fe ₃ O ₄ nanoparticles and thermosensitive block copolymers. 2011 , 7, 1683-9	91
1591	Size-dependant cellular uptake of dendritic polyglycerol. 2011 , 7, 820-9	52

- 1590 Topical and mucosal liposomes for vaccine delivery. **2011**, 3, 356-75 28
- 1589 Wavelength-Selective Light-Induced Release from Plasmon Resonant Liposomes. **2011**, 21, 1113-1121 56
- 1588 Nanomaterials: applications in cancer imaging and therapy. **2011**, 23, H18-40 729
- 1587 Nanoparticles for Combined Cancer Imaging and Therapy. **2011**, 565-592 1
- 1586 Current Status and Future Prospects for Nanoparticle-Based Technology in Human Medicine. **2011**, 781-813 1
- 1585 Biopolymer, Dendrimer, and Liposome Nanoplatfoms for Optical Molecular Imaging. **2011**, 183-196
- 1584 Physicochemical characterization of a PEGylated liposomal drug formulation using capillary electrophoresis. **2011**, 32, 738-48 37
- 1583 Polydiacetylene vesicles containing β -cyclodextrin and azobenzene as photocontrolled nanocarriers. **2011**, 12, 2714-8 3
- 1582 Drug carriers for vascular drug delivery. **2011**, 63, 586-95 26
- 1581 Drug Delivery Using Nanoparticle-Stabilized Nanocapsules. **2011**, 123, 497-501 17
- 1580 Delivery of Intact Transcription Factor by Using Self-Assembled Supramolecular Nanoparticles. **2011**, 123, 3114-3118 20
- 1579 Photoregulated Release of Noncovalent Guests from Dendritic Amphiphilic Nanocontainers. **2011**, 123, 3094-3098 12
- 1578 Conversion of Magnetic Impulses into Cellular Responses by Self-Assembled Nanoparticle Vesicle Hydrogels. **2011**, 123, 12498-12501 1
- 1577 Fluorescent Nanorods and Nanospheres for Real-Time In Vivo Probing of Nanoparticle Shape-Dependent Tumor Penetration. **2011**, 123, 11619-11622 20
- 1576 Drug delivery using nanoparticle-stabilized nanocapsules. **2011**, 50, 477-81 103
- 1575 Delivery of intact transcription factor by using self-assembled supramolecular nanoparticles. **2011**, 50, 3058-62 63
- 1574 Photoregulated release of noncovalent guests from dendritic amphiphilic nanocontainers. **2011**, 50, 3038-42 91
- 1573 Conversion of magnetic impulses into cellular responses by self-assembled nanoparticle-vesicle hydrogels. **2011**, 50, 12290-3 18

1572	Fluorescent nanorods and nanospheres for real-time in vivo probing of nanoparticle shape-dependent tumor penetration. 2011 , 50, 11417-20	343
1571	Peptide-labeled supramolecular aggregates as selective doxorubicin carriers for delivery to tumor cells. 2011 , 96, 88-96	12
1570	pH-responsive poly(methacrylic acid)-grafted hollow silica vesicles. 2011 , 17, 2504-9	18
1569	Electrostatics of carboxylated anionic vesicles for improving entrapment capacity. 2011 , 164, 211-5	17
1568	Size separation of colloiddally dispersed nanoparticles using a monolithic capillary column. 2011 , 1218, 5520-6	11
1567	Eradication of drug resistant Staphylococcus aureus by liposomal oleic acids. 2011 , 32, 214-21	138
1566	Differential immune activation following encapsulation of immunostimulatory CpG oligodeoxynucleotide in nanoliposomes. 2011 , 32, 1715-23	39
1565	Intracellular trafficking and gene expression of pH-sensitive, artificially enveloped adenoviruses in vitro and in vivo. 2011 , 32, 3085-93	33
1564	Single chain anti-c-Met antibody conjugated nanoparticles for in vivo tumor-targeted imaging and drug delivery. 2011 , 32, 3265-74	97
1563	Surfactant-assisted controlled release of hydrophobic drugs using anionic surfactant templated mesoporous silica nanoparticles. 2011 , 32, 6234-44	63
1562	Nanoparticles for paclitaxel delivery: a comparative study of different types of dendritic polyesters and their degradation behavior. 2011 , 407, 190-6	33
1561	Effective tumor targeting and enhanced anti-tumor effect of liposomes engrafted with peptides specific for tumor lymphatics and vasculature. 2011 , 411, 206-14	30
1560	Liposome preparation using a hollow fiber membrane contactor--application to spironolactone encapsulation. 2011 , 415, 53-61	105
1559	Characterization of a liposome-based formulation of oxaliplatin using capillary electrophoresis: encapsulation and leakage. 2011 , 55, 16-22	35
1558	Nanomedicine: novel approaches in human and veterinary therapeutics. 2011 , 180, 47-71	94
1557	Partially polymerized liposomes: stable against leakage yet capable of instantaneous release for remote controlled drug delivery. 2011 , 22, 155605	57
1556	Assessing cellular toxicities in fibroblasts upon exposure to lipid-based nanoparticles: a high content analysis approach. 2011 , 22, 494016	22
1555	Attenuation of nontargeted cell-kill using a high-density lipoprotein-mimicking peptide--phospholipid nanoscaffold. 2011 , 6, 631-41	32

1554	WITHDRAWN: Inorganic nanoparticles for cancer imaging and therapy. 2011 ,	1
1553	Utilization of monoclonal antibody-targeted nanomaterials in the treatment of cancer. 2011 , 3, 467-78	24
1552	Anticancer prodrugs: an overview of major strategies and recent developments. 2011 , 11, 2346-81	20
1551	Influence of chitosan coating on the liposomal surface on physicochemical properties and the release profile of nanocarrier systems. 2011 , 28, 595-604	26
1550	Design of a Pep-1 peptide-modified liposomal nanocarrier system for intracellular drug delivery: Conformational characterization and cellular uptake evaluation. 2011 , 19, 497-505	18
1549	Acute intravenous injection toxicity of BMEDA in mice. 2011 , 34, 20-4	2
1548	Pharmacokinetics and dosimetry of (111)In/(188)Re-labeled PEGylated liposomal drugs in two colon carcinoma-bearing mouse models. 2011 , 26, 373-80	11
1547	Triggered release of pharmacophores from [Ni(HAsO)]-loaded polymer-caged nanobin enhances pro-apoptotic activity: a combined experimental and theoretical study. 2011 , 5, 3961-9	45
1546	. 2011 ,	
1545	Drug delivery applications of injectable biomaterials. 2011 , 95-141	3
1544	Chemoradionuclide therapy with 186Re-labeled liposomal doxorubicin in combination with radiofrequency ablation for effective treatment of head and neck cancer in a nude rat tumor xenograft model. 2011 , 261, 813-23	30
1543	Liposomes for Targeted Delivery of Active Agents against Neurodegenerative Diseases (Alzheimer's Disease and Parkinson's Disease). 2011 , 2011, 469679	84
1542	Recent applications of liposomes in ophthalmic drug delivery. 2011 , 2011, 863734	115
1541	A review on composite liposomal technologies for specialized drug delivery. 2011 , 2011, 939851	126
1540	Single application of low-dose mycophenolate mofetil-OX7-immunoliposomes ameliorates experimental mesangial proliferative glomerulonephritis. 2011 , 337, 411-22	27
1539	Preparation and Characterization of Stealth Archaeosomes Based on a Synthetic PEGylated Archaeal Tetraether Lipid. 2011 , 2011, 396068	23
1538	Nanotechnology for biomedical applications - enhancement of photodynamic activity by nanomaterials. 2011 , 59, 253-261	4
1537	Induction of anti-tumor immunity and T-cell responses using nanodelivery systems engrafting TLR-5 ligand. 2011 , 10, 155-7	14

1536	Naposomes: a new class of peptide-derivatized, target-selective multimodal nanoparticles for imaging and therapeutic applications. 2011 , 2, 235-57	11
1535	Phagocytosis of liposome particles by rat splenic immature monocytes makes them transiently and highly immunosuppressive in ex vivo culture conditions. 2011 , 337, 42-9	12
1534	Encapsulated Multi-vesicle Assemblies of Programmable Architecture: Towards Personalized Healthcare. 2011 , 141-151	2
1533	Losartan inhibits collagen I synthesis and improves the distribution and efficacy of nanotherapeutics in tumors. 2011 , 108, 2909-14	455
1532	Formulation of plumbagin loaded long circulating pegylated liposomes: in vivo evaluation in C57BL/6J mice bearing B16F1 melanoma. 2011 , 18, 511-22	34
1531	Leishmaniasis. 2011 , 7, 1204-14	42
1530	Magnetic and fluorescent core-shell nanoparticles for ratiometric pH sensing. 2011 , 22, 415501	31
1529	Overview on Nanocarriers as Delivery Systems. 2011 , 885-905	
1528	Simultaneous transfer of linear and orbital angular momentum to multiple low-index particles. 2011 , 13, 044004	11
1527	Enhanced in vitro cellular uptake of P-gp substrate by poloxamer-modified liposomes (PMLs) in MDR cancer cells. 2011 , 28, 575-81	25
1526	Efficacy of liposome-encapsulated mepivacaine for infiltrative anesthesia in volunteers. 2011 , 21, 88-94	20
1525	Nano-Oncology: Clinical Application for Cancer Therapy and Future Perspectives. 2011 , 2011, 1-10	34
1524	Optimization of Fabrication Parameters to Prepare Tea Catechin-Loaded Liposomes by Fuzzy Orthogonality. 2012 , 531-532, 458-464	1
1523	Novel Mannan-PEG-PE Modified Bioadhesive PLGA Nanoparticles for Targeted Gene Delivery. 2012 , 2012, 1-9	3
1522	Porous scaffold made from collagen and liposomes coated with plant derived polysaccharide - in vivo study. 2012 , 1376, 20	
1521	Cationic liposomes extend the immunostimulatory effect of CpG oligodeoxynucleotide against Burkholderia pseudomallei infection in BALB/c mice. 2012 , 19, 675-83	22
1520	Integrin-mediated drug delivery in cancer and cardiovascular diseases with peptide-functionalized nanoparticles. 2012 , 19, 3128-51	30
1519	Polysaccharide-based nanoparticles: a versatile platform for drug delivery and biomedical imaging. 2012 , 19, 3212-29	82

1518	Revolutionary Impact of Nanodrug Delivery on Neuroscience. 2012 , 10, 370-392	39
1517	Pharmacokinetics and disposition of various drug loaded liposomes. 2012 , 13, 372-95	21
1516	Absorption, pharmacokinetics and disposition of biodegradable nanoscale preparations. 2012 , 13, 429-39	4
1515	Monodisperse Au/aminosilica composite nanospheres: Facile one-step synthesis and their applications in gene transfection. 2012 , 27, 2425-2430	4
1514	Engineering Biomaterials for Regenerative Medicine. 2012 ,	12
1513	Kinetics of bile salt binding to liposomes revealed by carboxyfluorescein release and mathematical modeling. 2012 , 22, 237-44	6
1512	Phenylboronic acid-containing block copolymers: synthesis, self-assembly, and application for intracellular delivery of proteins. 2012 , 36, 1413	44
1511	pH-responsive NIR enhanced drug release from gold nanocages possesses high potency against cancer cells. 2012 , 48, 7640-2	91
1510	PLGA-PEG-CITRIN-PEG CORE-SHELL NANOPARTICLES FOR CANCER TARGETED THERAPY. 2012 , 02, 1250002	8
1509	Particle-mediated delivery of cytokines for immunotherapy. 2012 , 4, 425-41	56
1508	Can nanotechnology potentiate photodynamic therapy?. 2012 , 1, 111-146	102
1507	Liposomal encapsulation of vancomycin improves killing of methicillin-resistant <i>Staphylococcus aureus</i> in a murine infection model. 2012 , 67, 2191-4	58
1506	Sterilizing filtration of liposome and related lipid-containing solutions: enhancing successful filter qualification. 2012 , 66, 161-7	3
1505	Cholesterol-tethered platinum II-based supramolecular nanoparticle increases antitumor efficacy and reduces nephrotoxicity. 2012 , 109, 11294-9	104
1504	Characterization of fatty acid liposome coated with low-molecular-weight chitosan. 2012 , 22, 329-35	16
1503	Recognition of staphylococcus aureus by new carborane derivative. 2012 ,	
1502	Nanomedicine: pharmacological perspectives. 2012 , 1,	12
1501	Alendronate liposomes for antitumor therapy: activation of Γ cells and inhibition of tumor growth. 2012 , 733, 165-79	13

1500	Targeted delivery of nanomedicines. 2012 , 2012, 571394	59
1499	Mesoporous Silica Nanoparticles: Their Projection in Nanomedicine. 2012 , 2012, 1-20	39
1498	Optimizing Druggability through Liposomal Formulations: New Approaches to an Old Concept. 2012 , 2012, 738432	36
1497	Application of Collagen-Model Triple-Helical Peptide-Amphiphiles for CD44-Targeted Drug Delivery Systems. 2012 , 2012, 592602	24
1496	Combination drug delivery approaches in metastatic breast cancer. 2012 , 2012, 915375	89
1495	Pharmacogenomics-based RNA interference nanodelivery: focus on solid malignant tumors. 2012 , 9, 755-66	2
1494	Sub-micrometric liposomes as drug delivery systems in the treatment of periodontitis. 2012 , 25, 657-70	16
1493	Dependence of the swelling behavior of a pH-responsive PEG-modified nanogel on the cross-link density. 2012 , 44, 240-244	19
1492	Molecular imaging and therapeutic efficacy of 188Re-(DXR)-liposome-BBN in AR42J pancreatic tumor-bearing mice. 2012 , 28, 1736-42	9
1491	Local neurotoxicity and myotoxicity evaluation of cyclodextrin complexes of bupivacaine and ropivacaine. 2012 , 115, 1234-41	36
1490	Silica-coated flexible liposomes as a nanohybrid delivery system for enhanced oral bioavailability of curcumin. 2012 , 7, 5995-6002	73
1489	Mesoporous Silica Nanoparticles in Nanomedicine. 2012 , 135-182	
1488	Formulation and evaluation of paclitaxel-loaded polymeric nanoparticles composed of polyethylene glycol and polylactic acid block copolymer. 2012 , 35, 1306-13	20
1487	Towards Control of Magnetic Fluids in Patients: Directing Therapeutic Nanoparticles to Disease Locations. 2012 , 32, 32-74	64
1486	Recent advances in drug delivery strategies for treatment of ovarian cancer. 2012 , 9, 567-83	29
1485	Clinical translation of nanomedicines. 2012 , 16, 287-294	117
1484	Composition and properties of complexes between spherical polycationic brushes and anionic liposomes. 2012 , 28, 16108-14	20
1483	Highly lipophilic fluorescent dyes in nano-emulsions: towards bright non-leaking nano-droplets. 2012 , 2, 11876-11886	107

1482	Multicompartment Lipid Nanocarriers for Targeting of Cells Expressing Brain Receptors. 2012 , 319-355	4
1481	Mannosylated liposomes for targeted gene delivery. 2012 , 7, 1079-89	37
1480	Nanoparticle-Based Delivery of siRNA and miRNA for Cancer Therapy. 2012 , 185-203	3
1479	Encyclopedia of Nanotechnology. 2012 , 1218-1223	
1478	Liposome technology for cardiovascular disease treatment and diagnosis. 2012 , 9, 249-65	31
1477	Concurrent binding and delivery of proteins and lipophilic small molecules using polymeric nanogels. 2012 , 134, 6964-7	66
1476	Synthesis and characterization of novel zwitterionic lipids with pH-responsive biophysical properties. 2012 , 48, 5575-7	32
1475	Nanotechnology as Emerging Tool for Enhancing Solubility of Poorly Water-Soluble Drugs. 2012 , 2, 227-250	62
1474	Long conjugated 2-nitrobenzyl derivative caged anticancer prodrugs with visible light regulated release: preparation and functionalizations. 2012 , 10, 5238-44	18
1473	Study of interaction between PEG carrier and three relevant drug molecules: piroxicam, paclitaxel, and hematoporphyrin. 2012 , 116, 7334-41	44
1472	Facile self-assembly of porphyrin-embedded polymeric vesicles for theranostic applications. 2012 , 48, 9343-5	41
1471	Bifunctional PAMAM dendrimer conjugates of folic acid and methotrexate with defined ratio. 2012 , 13, 982-91	87
1470	Pharmacokinetic study of liposome-encapsulated and plain mepivacaine formulations injected intra-orally in volunteers. 2012 , 64, 397-403	8
1469	Magnetic nanoparticles: design and characterization, toxicity and biocompatibility, pharmaceutical and biomedical applications. 2012 , 112, 5818-78	1504
1468	New method for site-specific modification of liposomes with proteins using sortase A-mediated transpeptidation. 2012 , 23, 650-5	35
1467	Liposome encapsulation of a photochemical NO precursor for controlled nitric oxide release and simultaneous fluorescence imaging. 2012 , 9, 2950-5	41
1466	Physico-chemical characterization of liposomes and drug substance-liposome interactions in pharmaceuticals using capillary electrophoresis and electrokinetic chromatography. 2012 , 1267, 32-44	43
1465	Nanotheranostics for personalized medicine. 2012 , 64, 1394-416	349

1464	Enzyme-Responsive Controlled Release of Covalently Bound Prodrug from Functional Mesoporous Silica Nanospheres. 2012 , 124, 12654-12657	28
1463	Enzyme-responsive controlled release of covalently bound prodrug from functional mesoporous silica nanospheres. 2012 , 51, 12486-9	146
1462	Identification of a novel cell-penetrating peptide from human phosphatidate phosphatase LPIN3. 2012 , 34, 577-82	24
1461	Mixed Micellization and Interfacial Properties of Nonionic Surfactants with the Phenothiazine Drug Promazine Hydrochloride at 30 °C. 2012 , 41, 1587-1599	14
1460	The role of liposome size on the type of immune response induced in BALB/c mice against leishmaniasis: rgp63 as a model antigen. 2012 , 132, 403-9	60
1459	Visceral leishmaniasis treatment: What do we have, what do we need and how to deliver it?. 2012 , 2, 11-9	176
1458	Poly(styrene-co-maleic acid)-based pH-sensitive liposomes mediate cytosolic delivery of drugs for enhanced cancer chemotherapy. 2012 , 436, 786-97	61
1457	Fluorescence study of drug-carrier interactions in CTAB/PBS buffer model systems. 2012 , 377, 251-61	25
1456	In vitro measurement of attenuation and nonlinear scattering from echogenic liposomes. 2012 , 52, 962-9	27
1455	Effect of ultrasound parameters on the release of liposomal calcein. 2012 , 38, 476-86	30
1454	Stability of echogenic liposomes as a blood pool ultrasound contrast agent in a physiologic flow phantom. 2012 , 38, 1970-81	21
1453	Nanovaccinology: the next generation of vaccines meets 21st century materials science and engineering. 2012 , 30, 6609-11	67
1452	Supramolecular Nanoparticles for Molecular Diagnostics and Therapeutics. 2012 ,	2
1451	Rapid discovery of potent siRNA-containing lipid nanoparticles enabled by controlled microfluidic formulation. 2012 , 134, 6948-51	201
1450	An ionic liquid-modified nano-vehicle to construct nano-models of catalase to target mitochondria. 2012 , 22, 20299	3
1449	Biocompatible, pH-sensitive AB(2) Miktoarm Polymer-Based Polymersomes: Preparation, Characterization, and Acidic pH-Activated Nanostructural Transformation. 2012 , 22, 91968-19178	46
1448	Organic/inorganic nanovesicles for doxorubicin storage and release. 2012 , 8, 5756	23
1447	. 2012 ,	

1446	Rafts, Nanoparticles and Neural Disease. 2012 , 2, 217-250	2
1445	One-step preparation of giant lipid vesicles with high encapsulation efficiency using an electrospray technique. 2012 , 2, 11672	13
1444	Cisplatin-encapsulated organic nanotubes by endo-complexation in the hollow cylinder. 2012 , 48, 8625-7	26
1443	Synthesis of Ptsome: a platinum-based liposome-like nanostructure. 2012 , 48, 2630-2	20
1442	Nanomaterials for the Local and Targeted Delivery of Osteoarthritis Drugs. 2012 , 2012, 1-13	12
1441	Safety evaluation of nanoliposomes containing cyclosporine a after ocular administration. 2012 , 37, 453-6	8
1440	Correlation of the physicochemical and structural properties of pDNA/cationic liposome complexes with their in vitro transfection. 2012 , 28, 11535-45	34
1439	Ultrasound enhanced matrix metalloproteinase-9 triggered release of contents from echogenic liposomes. 2012 , 9, 2554-64	29
1438	Superhydrophilic zwitterionic polymers stabilize liposomes. 2012 , 28, 11625-32	81
1437	Controlled release and assembly of drug nanoparticles via pH-responsive polymeric micelles: a theoretical study. 2012 , 116, 6003-9	17
1436	Phase behavior, rheological property, and transmutation of vesicles in fluorocarbon and hydrocarbon surfactant mixtures. 2012 , 28, 9355-64	19
1435	Long-circulating 15 nm micelles based on amphiphilic 3-helix peptide-PEG conjugates. 2012 , 6, 5320-9	77
1434	Formation of pH-sensitive cationic liposomes from a binary mixture of monoalkylated primary amine and cholesterol. 2012 , 28, 13668-74	21
1433	Structural effects and lipid membrane interactions of the pH-responsive GALA peptide with fatty acid acylation. 2012 , 51, 4658-68	22
1432	Pharmacokinetics, dosimetry and comparative efficacy of 188Re-liposome and 5-FU in a CT26-luc lung-metastatic mice model. 2012 , 39, 35-43	29
1431	Poly(Ethylene Glycol) in Drug Delivery, Why Does it Work, and Can We do Better? All Atom Molecular Dynamics Simulation Provides Some Answers. 2012 , 34, 24-33	51
1430	Polyether based amphiphiles for delivery of active components. 2012 , 53, 3053-3078	97
1429	Design considerations for liposomal vaccines: influence of formulation parameters on antibody and cell-mediated immune responses to liposome associated antigens. 2012 , 30, 2256-72	222

1428	Nonionic, water self-dispersible "hairy-rod" poly(p-phenylene)-g-poly(ethylene glycol) copolymer/carbon nanotube conjugates for targeted cell imaging. 2012 , 13, 2680-91	28
1427	Delivery of multiple siRNAs using lipid-coated PLGA nanoparticles for treatment of prostate cancer. 2012 , 12, 287-92	141
1426	Size matters: gold nanoparticles in targeted cancer drug delivery. 2012 , 3, 457-78	416
1425	Consecutive targetable smart nanoprobe for molecular recognition of cytoplasmic microRNA in metastatic breast cancer. 2012 , 6, 8525-35	74
1424	Characterization of a nanoparticulate drug delivery system using scanning ion occlusion sensing. 2012 , 29, 2578-86	27
1423	Study of quercetin-loaded liposomes as potential drug carriers: in vitro evaluation of human complement activation. 2012 , 22, 89-99	21
1422	Oral delivery of doxorubicin using novel polyelectrolyte-stabilized liposomes (layersomes). 2012 , 9, 2626-35	119
1421	Oily (Lipophilic) Solutions and Suspensions. 2012 , 113-135	3
1420	Nanoparticle immunotherapy: Combo combat. 2012 , 11, 831-2	14
1419	Drug-loaded nanocarriers: passive targeting and crossing of biological barriers. 2012 , 19, 3070-102	127
1418	Amphiphilic protein micelles for targeted in vivo imaging. 2012 , 8, 2476-82	18
1417	Cell-penetrating peptides: breaking through to the other side. 2012 , 18, 385-93	507
1416	Selective adsorption and release of cationic organic dye molecules on mesoporous borosilicates. 2012 , 32, 1461-8	24
1415	Cationic liposomes in double emulsions for controlled release. 2012 , 383, 89-95	11
1414	Size-controlled, dual-ligand modified liposomes that target the tumor vasculature show promise for use in drug-resistant cancer therapy. 2012 , 162, 225-32	80
1413	Probing molecular interactions of poly(styrene-co-maleic acid) with lipid matrix models to interpret the therapeutic potential of the co-polymer. 2012 , 1818, 537-50	26
1412	Surface modified liposomes by mannosylated conjugates anchored via the adamantyl moiety in the lipid bilayer. 2012 , 1818, 2252-9	20
1411	pH-sensitive degradable chimaeric polymersomes for the intracellular release of doxorubicin hydrochloride. 2012 , 33, 7291-9	167

1410	Hyaluronic acid-based nanocarriers for intracellular targeting: interfacial interactions with proteins in cancer. 2012 , 99, 82-94	184
1409	Application of different methods to formulate PEG-liposomes of oxaliplatin: evaluation in vitro and in vivo. 2012 , 81, 273-80	34
1408	Chemically reducible lipid bilayer coated mesoporous silica nanoparticles demonstrating controlled release and HeLa and normal mouse liver cell biocompatibility and cellular internalization. 2012 , 9, 2770-7	44
1407	Targeted delivery of transferrin-conjugated liposomes to an orthotopic model of lung cancer in nude rats. 2012 , 25, 310-8	47
1406	Hybrid organic nanotubes with dual functionalities localized on cylindrical nanochannels control the release of doxorubicin. 2012 , 1, 699-706	28
1405	A hybrid hydrogel biomaterial by nanogel engineering: bottom-up design with nanogel and liposome building blocks to develop a multidrug delivery system. 2012 , 1, 722-8	52
1404	Preparation and characterization of lipid vesicles entrapping iron oxide nanoparticles. 2012 , 7, S335-S341	8
1403	Poly(2-oxazoline)s--are they more advantageous for biomedical applications than other polymers?. 2012 , 33, 1648-62	221
1402	Generation of a selectively cytotoxic fusion protein against p53 mutated cancers. 2012 , 12, 338	8
1401	Current status of gene delivery: spotlight on nanomaterial-polymer hybrids. 2012 , 20, 648-66	14
1400	Oral delivery of peptides and proteins using lipid-based drug delivery systems. 2012 , 9, 1289-304	71
1399	Strategies for Plasmid DNA Production in Escherichia coli. 2012 , 1-41	
1398	Liposomes and Other Nanoparticles as Cancer Vaccines and Immunotherapeutics. 2012 , 135-178	1
1397	Strategies in biomimetic surface engineering of nanoparticles for biomedical applications. 2012 , 4, 360-8	79
1396	Docetaxel-loaded liposomes: preparation, pH sensitivity, pharmacokinetics, and tissue distribution. 2012 , 13, 981-9	27
1395	Preparation and characterization of nano-liposome-mediated FL gene in the Lovo cells. 2012 , 27, 490-4	1
1394	Nanocarriers as Nanomedicines: Design Concepts and Recent Advances. 2012 , 4, 337-440	10
1393	Flt1 peptide-hyaluronate conjugate micelle-like nanoparticles encapsulating genistein for the treatment of ocular neovascularization. 2012 , 8, 3932-40	35

- 1392 5.5 Detergent Interactions with Lipid Bilayers and Membrane Proteins. **2012**, 63-91 2
- 1391 Mucosal vaccine design and delivery. **2012**, 14, 17-46 135
- 1390 LipidPolymer Nanomaterials. **2012**,
- 1389 Nanocomposites for Drug Delivery. **2012**,
- 1388 Encyclopedia of Nanotechnology. **2012**, 1192-1192
- 1387 A review of imaging methods for measuring drug release at nanometre scale: a case for drug delivery systems. **2012**, 9, 203-18 13
- 1386 Nanotechnology in therapeutics: a focus on nanoparticles as a drug delivery system. **2012**, 7, 1253-71 387
- 1385 Chloroform-enhanced incorporation of hydrophobic gold nanocrystals into dioleoylphosphatidylcholine (DOPC) vesicle membranes. **2012**, 28, 12971-81 23
- 1384 Nanocarrier Mediated Cytosolic Delivery of Drug, DNA and Proteins. **2012**, 82, 127-150 7
- 1383 Immunotoxicity derived from manipulating leukocytes with lipid-based nanoparticles. **2012**, 64, 1738-48 64
- 1382 Liposome imaging agents in personalized medicine. **2012**, 64, 1417-35 123
- 1381 Pharmacokinetic change of nanoparticulate formulation "Lactosome" on multiple administrations. **2012**, 14, 261-6 37
- 1380 Enhanced active liposomal loading of a poorly soluble ionizable drug using supersaturated drug solutions. **2012**, 162, 330-9 51
- 1379 Constrained and UV-activatable cell-penetrating peptides for intracellular delivery of liposomes. **2012**, 164, 87-94 59
- 1378 Hyperbranched polydiselenide as a self assembling broad spectrum anticancer agent. **2012**, 33, 7765-74 92
- 1377 Materials to clinical devices: technologies for remotely triggered drug delivery. **2012**, 34, S25-35 39
- 1376 siRNA as a conventional drug in the clinic? Challenges and current technologies. **2012**, 9, e71-e174 10
- 1375 Ultra-adaptable nanovesicular systems: a carrier for systemic delivery of therapeutic agents. **2012**, 17, 1233-41 69

1374	Super-hydrophilic zwitterionic poly(carboxybetaine) and amphiphilic non-ionic poly(ethylene glycol) for stealth nanoparticles. 2012 , 7, 404-413	221
1373	Membranes for the preparation of emulsions and particles. 2012 , 213-251	2
1372	Polypeptides and polyaminoacids in drug delivery. 2012 , 9, 183-201	54
1371	Brain-targeting gene delivery using a rabies virus glycoprotein peptide modulated hollow liposome: bio-behavioral study. 2012 , 22, 11808	32
1370	Biomimetic liposome- and polymersome-based multicompartmentalized assemblies. 2012 , 28, 13798-807	143
1369	Micro and nanosystems for delivering local anesthetics. 2012 , 9, 1505-24	63
1368	Encyclopedia of Nanotechnology. 2012 , 1233-1233	
1367	Soft vesicles in the synthesis of hard materials. 2012 , 45, 504-13	98
1366	Protection/Deprotection of surface activity and its applications in the controlled release of liposomal contents. 2012 , 28, 4152-9	32
1365	Drug Delivery Systems to Fight Cancer. 2012 , 493-516	4
1364	Large-scale synthesis of lipid-polymer hybrid nanoparticles using a multi-inlet vortex reactor. 2012 , 28, 13824-9	49
1363	Hydrogels for protein delivery. 2012 , 112, 2853-88	836
1362	Cellular and Molecular Bioengineering: A Tipping Point. 2012 , 5, 239-253	1
1361	Matrix metalloprotease 2-responsive multifunctional liposomal nanocarrier for enhanced tumor targeting. 2012 , 6, 3491-8	400
1360	Factors affecting the pharmacokinetics and pharmacodynamics of liposomal drugs. 2012 , 22, 177-92	58
1359	Hydrogels as intracellular depots for drug delivery. 2012 , 9, 196-200	24
1358	CO ₂ gas induced drug release from pH-sensitive liposome to circumvent doxorubicin resistant cells. 2012 , 48, 4869-71	56
1357	Interaction of liposome-encapsulated cisplatin with biomolecules. 2012 , 17, 899-910	9

1356	Development and characterization of lactoferrin nanoliposome: cellular uptake and stability. 2012 , 7, 679	16
1355	Intelligent design of multifunctional lipid-coated nanoparticle platforms for cancer therapy. 2012 , 3, 1429-45	35
1354	Nanotechnology in Vaccine Development. 2012 , 82, 13-27	4
1353	Multifunctional Nanoparticles for Target-Specific Imaging and Therapy. 2012 , 155-171	
1352	Injectable Multistage Nanovectors for Enhancing Imaging Contrast and Directed Therapy. 2012 , 201-223	0
1351	PEGylated liposomal doxorubicin targeted to β_1 -expressing MDA-MB-231 breast cancer cells. 2012 , 28, 4729-36	63
1350	Nanoparticle-mediated treatment of pulmonary arterial hypertension. 2012 , 508, 325-54	22
1349	Glucosylated steroid-porphyrins as new tools for nanotechnology applications. 2012 , 36, 1246	15
1348	Application of liposome encapsulation technique to improve anti-carcinoma effect of resveratrol. 2012 , 38, 314-22	30
1347	Spontaneous formation of vesicles by sodium 2-dodecylnicotinate in water. 2012 , 28, 12696-703	26
1346	Ultrasmall sub-10 nm near-infrared fluorescent mesoporous silica nanoparticles. 2012 , 134, 13180-3	166
1345	Encyclopedia of Nanotechnology. 2012 , 1436-1436	
1344	Biopolymer-connected liposome networks as injectable biomaterials capable of sustained local drug delivery. 2012 , 13, 3388-94	49
1343	Emerging role of radiolabeled nanoparticles as an effective diagnostic technique. 2012 , 2, 39	100
1342	Use of X-ray scattering to aid the design and delivery of membrane-active drugs. 2012 , 41, 915-29	8
1341	Polypeptide-based vesicles: formation, properties and application for drug delivery. 2012 , 22, 17404	47
1340	Multiscale Modeling for the Vascular Transport of Nanoparticles. 2012 , 437-459	2
1339	Gold nanocluster-conjugated amphiphilic block copolymer for tumor-targeted drug delivery. 2012 , 4, 5766-74	85

1338	Effect of cationic side-chains on intracellular delivery and cytotoxicity of pH sensitive polymer-doxorubicin nanocarriers. 2012 , 4, 7012-20	24
1337	In silico-aided design of a glycan ligand of sialoadhesin for in vivo targeting of macrophages. 2012 , 134, 15696-9	48
1336	Transferrin-PEG-PE modified dexamethasone conjugated cationic lipid carrier mediated gene delivery system for tumor-targeted transfection. 2012 , 7, 2513-22	28
1335	Chemical coupling of thiolated chitosan to preformed liposomes improves mucoadhesive properties. 2012 , 7, 2523-34	27
1334	A MSLN-targeted multifunctional nanoimmunoliposome for MRI and targeting therapy in pancreatic cancer. 2012 , 7, 5053-65	28
1333	Correlation between radioactivity and chemotherapeutics of the (111)In-VNB-liposome in pharmacokinetics and biodistribution in rats. 2012 , 7, 683-92	3
1332	Oleanolic acid liposomes with polyethylene glycol modification: promising antitumor drug delivery. 2012 , 7, 3517-26	54
1331	Self-assembly of lipids and nanoparticles in aqueous solution: Self-consistent field simulations. 2012 , 2, 014004	2
1330	LIPID NANOPARTICULATE DRUG DELIVERY AND NANOMEDICINE. 2012 , 221-268	0
1329	Polymeric micelles and molecular modeling applied to the development of radiopharmaceuticals. 2012 , 48, 1-16	14
1328	Comparison of two kinds of nanomedicine for targeted gene therapy: premodified or postmodified gene delivery systems. 2012 , 7, 2019-31	25
1327	Minocycline hydrochloride nanoliposomes inhibit the production of TNF- α in LPS-stimulated macrophages. 2012 , 7, 4769-75	24
1326	Tuning ratios, densities, and supramolecular spacing in bifunctional DNA-modified gold nanoparticles. 2012 , 8, 873-83	17
1325	The golden age: gold nanoparticles for biomedicine. 2012 , 41, 2740-79	2437
1324	Monolayer coated gold nanoparticles for delivery applications. 2012 , 64, 200-16	382
1323	Functional lipids and lipoplexes for improved gene delivery. 2012 , 94, 42-58	107
1322	Size-dependent localization and penetration of ultrasmall gold nanoparticles in cancer cells, multicellular spheroids, and tumors in vivo. 2012 , 6, 4483-93	590
1321	Nanoparticle delivery of cancer drugs. 2012 , 63, 185-98	1176

1320	FRET from quantum dots to photodecompose undesired acceptors and report the condensation and decondensation of plasmid DNA. 2012 , 6, 3776-88	56
1319	Challenges in development of targeted liposomal therapeutics. 2012 , 14, 303-15	233
1318	Core/shell nanofibers with embedded liposomes as a drug delivery system. 2012 , 13, 952-62	180
1317	Multifunctional dendritic polymers in nanomedicine: opportunities and challenges. 2012 , 41, 2824-48	349
1316	Combination delivery of TGF- β inhibitor and IL-2 by nanoscale liposomal polymeric gels enhances tumour immunotherapy. 2012 , 11, 895-905	372
1315	Functionalized mesoporous silica materials for controlled drug delivery. 2012 , 41, 3679-98	1142
1314	Transport of a lipophilic ionizable permeant (capric acid) across a lipophilic membrane (silicone polymer membrane) from aqueous buffered solutions in the presence of hydroxypropyl- β -cyclodextrin. 2012 , 101, 2340-52	4
1313	In vivo NIRF imaging of tumor targetability of nanosized liposomes in tumor-bearing mice. 2012 , 12, 849-56	18
1312	Synthesis of porous PEG microgels using CaCO ₃ microspheres as hard templates. 2012 , 33, 1049-54	42
1311	Malaria Intervention Policies and Pharmaceutical Nanotechnology as a Potential Tool for Malaria Management. 2012 , 73, 167-184	18
1310	Raman spectroscopy as a detection and analysis tool for in vitro specific targeting of pancreatic cancer cells by EGF-conjugated, single-walled carbon nanotubes. 2012 , 32, 365-75	27
1309	Cardiopulmonary hemodynamic responses to the small injection of hemoglobin vesicles (artificial oxygen carriers) in miniature pigs. 2012 , 100, 2668-77	12
1308	Analytical measurement of PEGylated molecules. 2012 , 23, 881-99	89
1307	Interaction between PEO-PPO-PEO copolymers and a hexapeptide in aqueous solutions. 2012 , 28, 1725-32	7
1306	Cardiovascular Nanomedicine: Challenges and Opportunities. 2012 , 249-281	2
1305	Fine-tuning the pH trigger of self-assembly. 2012 , 134, 3647-50	154
1304	Multifunctional Mesoporous Silica Nanoparticles for Cancer-Targeted and Controlled Drug Delivery. 2012 , 22, 5144-5156	257
1303	The role of particle geometry and mechanics in the biological domain. 2012 , 1, 35-47	87

1302	Biomimetic delivery with micro- and nanoparticles. 2012 , 24, 3757-78	134
1301	Biologically responsive polymeric nanoparticles for drug delivery. 2012 , 24, 3878-86	165
1300	Hybrid nanoparticles for detection and treatment of cancer. 2012 , 24, 3779-802	356
1299	Enzymatic Regioselection for the Synthesis and Biodegradation of Porphysome Nanovesicles. 2012 , 124, 2479-2483	11
1298	Combating the Drug Resistance of Cisplatin Using a Platinum Prodrug Based Delivery System. 2012 , 124, 6846-6851	25
1297	Glucocorticoid-Loaded Core-Cross-Linked Polymeric Micelles with Tailorable Release Kinetics for Targeted Therapy of Rheumatoid Arthritis. 2012 , 124, 7366-7370	9
1296	Combating the drug resistance of cisplatin using a platinum prodrug based delivery system. 2012 , 51, 6742-7	174
1295	Glucocorticoid-loaded core-cross-linked polymeric micelles with tailorable release kinetics for targeted therapy of rheumatoid arthritis. 2012 , 51, 7254-8	87
1294	Docetaxel nanotechnology in anticancer therapy. 2012 , 7, 952-72	84
1293	Optimized synthesis of 100 nm diameter magnetoliposomes with high content of maghemite particles and high MRI effect. 2012 , 7, 231-9	30
1292	¹ H chemical shift magnetic resonance imaging probes with high sensitivity for multiplex imaging. 2012 , 7, 276-9	6
1291	Shear-stress sensitive lenticular vesicles for targeted drug delivery. 2012 , 7, 536-43	208
1290	Molecular dynamics simulation of PEGylated bilayer interacting with salt ions: a model of the liposome surface in the bloodstream. 2012 , 116, 4212-9	55
1289	Nanoparticles for Targeted and Temporally Controlled Drug Delivery. 2012 , 9-29	43
1288	Design and Engineering of Multifunctional Quantum Dot-Based Nanoparticles for Simultaneous Therapeutic-Diagnostic Applications. 2012 , 345-365	5
1287	Sterically stabilized liposomes incorporating the novel anticancer agent phospho-ibuprofen (MDC-917): preparation, characterization, and in vitro/in vivo evaluation. 2012 , 29, 1435-43	19
1286	Complexes of streptavidin-fused antigens with biotinylated antibodies targeting receptors on dendritic cell surface: a novel tool for induction of specific T-cell immune responses. 2012 , 51, 221-32	5
1285	Liposomal glyco-microarray for studying glycolipid-protein interactions. 2012 , 404, 51-8	19

1284	Delivery of nanomedicines to extracellular and intracellular compartments of a solid tumor. 2012 , 64, 29-39	164
1283	Photophysical characterization of 1,8 naphthalimide in micelle-diblock copolymer nano-composite: a case of morphological transformation and vesicle formation. 2012 , 88, 285-94	6
1282	Electric-field controlled liposome formation with embedded superparamagnetic iron oxide nanoparticles. 2012 , 165, 120-4	12
1281	Microstructure and physico-chemical evaluation of nano-emulsion-based antimicrobial peptides embedded in bioactive packaging films. 2012 , 29, 407-419	132
1280	Poly(lactic acid)/N-maleoylchitosan core-shell capsules: preparation and drug release properties. 2012 , 91, 162-7	7
1279	Effects of operating parameters on the efficiency of liposomal encapsulation of enzymes. 2012 , 94, 296-303	39
1278	Incorporation of quantum dots into the lipid bilayer of giant unilamellar vesicles and its stability. 2012 , 97, 37-42	16
1277	Physicochemical characterization techniques for lipid based delivery systems for siRNA. 2012 , 427, 35-57	51
1276	Influence of lipid components on gene delivery by polycation liposomes: Transfection efficiency, intracellular kinetics and in vivo tumor inhibition. 2012 , 422, 510-5	9
1275	A two-stage reverse dialysis in vitro dissolution testing method for passive targeted liposomes. 2012 , 426, 211-218	64
1274	Designing a novel in vitro drug-release-testing method for liposomes prepared by pH-gradient method. 2012 , 430, 381-7	12
1273	Application of quality by design to formulation and processing of protein liposomes. 2012 , 434, 349-59	45
1272	Evaluation of surface deformability of lipid nanocapsules by drop tensiometer technique, and its experimental assessment by dialysis and tangential flow filtration. 2012 , 434, 460-7	16
1271	Liposomes as carriers for colchicine-derived prodrugs: vascular disrupting nanomedicines with tailorable drug release kinetics. 2012 , 45, 429-35	26
1270	Diblock copolymers with tunable pH transitions for gene delivery. 2012 , 33, 2301-9	89
1269	The transport of non-surfactant based paclitaxel loaded magnetic nanoparticles across the blood brain barrier in a rat model. 2012 , 33, 2936-51	68
1268	Developing an antibody-binding protein cage as a molecular recognition drug modular nanoplatfrom. 2012 , 33, 5423-30	57
1267	Gadolinium loaded nanoparticles in theranostic magnetic resonance imaging. 2012 , 33, 5363-75	143

1266	The preferential targeting of the diseased microvasculature by disk-like particles. 2012 , 33, 5504-13	119
1265	Indocyanine green-loaded biodegradable tumor targeting nanoprobes for in vitro and in vivo imaging. 2012 , 33, 5603-9	214
1264	Paracrine signalling events in embryonic stem cell renewal mediated by affinity targeted nanoparticles. 2012 , 33, 6634-43	23
1263	Targeted delivery into motor nerve terminals of inhibitors for SNARE-cleaving proteases via liposomes coupled to an atoxic botulinum neurotoxin. 2012 , 279, 2555-67	27
1262	Targeting properties of peptide-modified radiolabeled liposomal nanoparticles. 2012 , 8, 112-8	29
1261	Guanidination of notexin promotes its phospholipase A(2) activity-independent fusogenicity on vesicles with lipid-supplied negative curvature. 2012 , 59, 47-58	1
1260	Current status and future prospects of nanotechnology in cosmetics. 2012 , 57, 875-910	147
1259	In vivo antitumor effect of cromolyn in PEGylated liposomes for pancreatic cancer. 2012 , 157, 190-5	40
1258	Improved in vivo delivery of m-THPC via pegylated liposomes for use in photodynamic therapy. 2012 , 157, 196-205	101
1257	Influence of formulation variables on the biodistribution of multifunctional block copolymer micelles. 2012 , 157, 366-74	29
1256	The journey of a drug-carrier in the body: an anatomo-physiological perspective. 2012 , 161, 152-63	478
1255	Hyaluronan-modified and regular multilamellar liposomes provide sub-cellular targeting to macrophages, without eliciting a pro-inflammatory response. 2012 , 160, 388-93	34
1254	Liposome based systems for systemic siRNA delivery: stability in blood sets the requirements for optimal carrier design. 2012 , 158, 362-70	152
1253	Microvesicles and exosomes: opportunities for cell-derived membrane vesicles in drug delivery. 2012 , 161, 635-44	290
1252	Liposomal alendronate for the treatment of restenosis. 2012 , 161, 619-27	26
1251	Multifunctional PEGylated 2C5-immunoliposomes containing pH-sensitive bonds and TAT peptide for enhanced tumor cell internalization and cytotoxicity. 2012 , 160, 264-73	232
1250	Altering the immune response with lipid-based nanoparticles. 2012 , 161, 600-8	88
1249	Locoregional drug delivery using image-guided intra-arterial drug eluting bead therapy. 2012 , 161, 338-50	87

1248	Efficient intracellular drug-targeting of macrophages using stealth liposomes directed to the hemoglobin scavenger receptor CD163. 2012 , 160, 72-80	96
1247	Interaction between polymeric multilayer capsules and immune cells. 2012 , 161, 592-9	17
1246	A novel double-coating carrier produced by solid-in-oil and solid-in-water nanodispersion technology for delivery of genes and proteins into cells. 2012 , 161, 713-21	13
1245	Extended release formulations for local anaesthetic agents. 2012 , 67, 906-16	31
1244	Accessing lipophilic ligands in dendrimer-based amphiphilic supramolecular assemblies for protein-induced disassembly. 2012 , 18, 223-9	27
1243	Stability of uni- and multilamellar spherical vesicles. 2012 , 13, 314-22	20
1242	Targeting gold nanoshells on silica nanorattles: a drug cocktail to fight breast tumors via a single irradiation with near-infrared laser light. 2012 , 24, 755-61	155
1241	Enzymatic regioselection for the synthesis and biodegradation of porphyrin nanovesicles. 2012 , 51, 2429-33	91
1240	Development of a platform of antibody-presenting liposomes. 2012 , 7, 11	4
1239	Investigation of a liposomal oxaliplatin drug formulation by capillary electrophoresis hyphenated to inductively coupled plasma mass spectrometry (CE-ICP-MS). 2012 , 402, 2131-9	31
1238	Palmitoyl ascorbate liposomes and free ascorbic acid: comparison of anticancer therapeutic effects upon parenteral administration. 2012 , 29, 375-83	23
1237	A phase I and pharmacokinetic study of liposomal vinorelbine in patients with advanced solid tumor. 2012 , 30, 282-9	29
1236	Extended acute toxicity study of (188) Re-liposome in rats. 2013 , 33, 886-93	6
1235	Hyaluronan grafted lipid-based nanoparticles as RNAi carriers for cancer cells. 2013 , 334, 221-7	60
1234	Preparation of Coenzyme Q10 nanostructured lipid carriers for epidermal targeting with high-pressure microfluidics technique. 2013 , 39, 20-8	49
1233	Metallomics in drug development: characterization of a liposomal cisplatin drug formulation in human plasma by CE-ICP-MS. 2013 , 405, 1845-54	24
1232	Drug delivery using platelet cancer cell interaction. 2013 , 30, 2785-94	58
1231	Hydrophobic anticancer drug delivery by a 980 nm laser-driven photothermal vehicle for efficient synergistic therapy of cancer cells in vivo. 2013 , 25, 4452-8	276

1230	Poly(oxazoline) Block Copolymers for Biomedical Applications. 2013 , 53-68	1
1229	Near-infrared-controlled, targeted hydrophobic drug-delivery system for synergistic cancer therapy. 2013 , 19, 10388-94	33
1228	Turn-on fluorescence detection of apoptotic cells using a zinc(II)-dipicolylamine-functionalized poly(diacetylene) liposome. 2013 , 8, 755-9	35
1227	Quercetin deformable liposome: preparation and efficacy against ultraviolet B induced skin damages in vitro and in vivo. 2013 , 127, 8-17	86
1226	Trivalent galactosyl-functionalized mesoporous silica nanoparticles as a target-specific delivery system for boron neutron capture therapy. 2013 , 5, 9412-8	32
1225	Adsorption kinetics of DPPG liposome layers: a quantitative analysis of surface roughness. 2013 , 19, 867-75	19
1224	Paramagnetic liposomes for molecular MRI and MRI-guided drug delivery. 2013 , 26, 728-44	72
1223	Fluorescent multiblock E-conjugated polymer nanoparticles for in vivo tumor targeting. 2013 , 25, 4504-10	75
1222	Biomedical applications and colloidal properties of amphiphilically modified chitosan hybrids. 2013 , 38, 1307-1328	77
1221	Lipogels: surface-adherent composite hydrogels assembled from poly(vinyl alcohol) and liposomes. 2013 , 5, 6758-66	29
1220	Polyether-Based Lipids Synthesized with an Epoxide Construction Kit: Multivalent Architectures for Functional Liposomes. 2013 , 11-25	7
1219	Ligand-functionalized nanoliposomes for targeted delivery of galantamine. 2013 , 448, 267-81	36
1218	Polymeric micelles for enhanced lymphatic drug delivery to treat metastatic tumors. 2013 , 171, 133-42	46
1217	Role of integrated cancer nanomedicine in overcoming drug resistance. 2013 , 65, 1784-802	234
1216	Engineered magnetic hybrid nanoparticles with enhanced relaxivity for tumor imaging. 2013 , 34, 7725-32	48
1215	The eradication of breast cancer cells and stem cells by 8-hydroxyquinoline-loaded hyaluronan modified mesoporous silica nanoparticle-supported lipid bilayers containing docetaxel. 2013 , 34, 7662-73	82
1214	Silica composite nanoparticles containing fluorescent solid core and mesoporous shell with different thickness as drug carrier. 2013 , 410, 94-101	18
1213	Lipid-functionalized dextran nanosystems to overcome multidrug resistance in cancer: a pilot study. 2013 , 471, 915-25	33

1212	A rocket-like encapsulation and delivery system with two-stage booster layers: pH-responsive poly(methacrylic acid)/poly(ethylene glycol) complex-coated hollow silica vesicles. 2013 , 34, 1563-8	13
1211	Octa-arginine-modified pegylated liposomal doxorubicin: an effective treatment strategy for non-small cell lung cancer. 2013 , 335, 191-200	67
1210	Lipid-polymer hybrid nanoparticles as a new generation therapeutic delivery platform: a review. 2013 , 85, 427-43	391
1209	Enhanced cellular uptake of peptide-targeted nanoparticles through increased peptide hydrophilicity and optimized ethylene glycol peptide-linker length. 2013 , 7, 8115-27	60
1208	Correlation of drug release with pulmonary drug absorption profiles for nebulizable liposomal formulations. 2013 , 84, 106-14	30
1207	Nanopharmaceuticals for improved topical vaginal therapy: can they deliver?. 2013 , 50, 29-41	84
1206	Influence of micro-mixing on the size of liposomes self-assembled from miscible liquid phases. 2013 , 172-173, 20-30	27
1205	Synthesis of polymer-lipid nanoparticles for image-guided delivery of dual modality therapy. 2013 , 24, 1429-34	93
1204	Self-assembly of natural and synthetic drug amphiphiles into discrete supramolecular nanostructures. 2013 , 166, 285-301	67
1203	In vitro delivery of curcumin with cholesterol-based cationic liposomes. 2013 , 39, 444-450	9
1202	Synthesis and characterization of a novel methoxy poly(ethylene glycol)-Tat peptide-chitosan copolymers. 2013 , 291, 1319-1327	8
1201	Bioengineering strategies for designing targeted cancer therapies. 2013 , 118, 1-59	49
1200	Hydrolytically degradable shells on thermoresponsive microgels. 2013 , 291, 99-107	12
1199	Expedition of liposomes to intracellular targets in solid tumors after intravenous administration. 2013 , 43, 75-87	5
1198	Boron and Gadolinium Neutron Capture Therapy. 2013 , 877-900	5
1197	Targeted delivery of 10-hydroxycamptothecin to human breast cancers by cyclic RGD-modified lipid-polymer hybrid nanoparticles. 2013 , 8, 025012	47
1196	Synthesis, characterization, and evaluation of ionizable lysine-based lipids for siRNA delivery. 2013 , 24, 36-43	30
1195	Acetal-linked paclitaxel prodrug micellar nanoparticles as a versatile and potent platform for cancer therapy. 2013 , 14, 2772-80	143

1194	Permeability Studies of Redox-Sensitive Nitroxyl Spin Probes Through Lipid Membranes Using an L-Band ESR Spectrometer. 2013 , 44, 439-447	7
1193	Rapid determination of the encapsulation efficiency of a liposome formulation using column-switching HPLC. 2013 , 441, 67-74	22
1192	pH-responsive gold nanoparticles-in-liposome hybrid nanostructures for enhanced systemic tumor delivery. 2013 , 5, 10175-8	27
1191	Liposome-like Nanostructures for Drug Delivery. 2013 , 1,	127
1190	A Moment of Reflection: Sixty Years After the Nobel Prize for Hermann Staudinger. 2013 , 1-19	2
1189	Design and synthesis of lipidic organoalkoxysilanes for the self-assembly of liposomal nanohybrid cerasomes with controlled drug release properties. 2013 , 19, 16113-21	27
1188	The use of shear stress for targeted drug delivery. 2013 , 99, 328-33	54
1187	Enhanced hepatic delivery of siRNA and microRNA using oleic acid based lipid nanoparticle formulations. 2013 , 172, 690-8	58
1186	Preparation, characterization, and moisturizing effect of liposomes containing glucosamine and N-acetyl glucosamine. 2013 , 12, 96-102	11
1185	In Vitro Evaluation of Non-Protein Adsorbing Breast Cancer Theranostics Based on ¹⁹ F-Polymer Containing Nanoparticles. 2013 , 30, 381-390	31
1184	In vitro localized release of thermosensitive liposomes with ultrasound-induced hyperthermia. 2013 , 39, 2011-20	22
1183	Dielectrophoresis: an assessment of its potential to aid the research and practice of drug discovery and delivery. 2013 , 65, 1589-99	83
1182	Liposome sensing and monitoring by organic electrochemical transistors integrated in microfluidics. 2013 , 1830, 4374-80	50
1181	Polymer-Liposome Complexes with a Functional Hydrogen-Bond Cross-Linker for Preventing Protein Adsorption and Improving Tumor Accumulation. 2013 , 25, 4364-4372	29
1180	Number of free hydroxyl groups on bile acid phospholipids determines the fluidity and hydration of model membranes. 2013 , 117, 12135-44	12
1179	Nanocarriers for delivery of platinum anticancer drugs. 2013 , 65, 1667-85	290
1178	Can nanomedicines kill cancer stem cells?. 2013 , 65, 1763-83	100
1177	Poly(ethylene glycol)-poly(lactic-co-glycolic acid) based thermosensitive injectable hydrogels for biomedical applications. 2013 , 172, 715-29	124

1176	(18)F-labeled-bioorthogonal liposomes for in vivo targeting. 2013 , 24, 1784-9	67
1175	Release rates of liposomal contents are controlled by kosmotropes and chaotropes. 2013 , 29, 13991-5	8
1174	Crosslinked multilamellar liposomes for controlled delivery of anticancer drugs. 2013 , 34, 3098-109	81
1173	Nanodiamond decorated liposomes as highly biocompatible delivery vehicles and a comparison with carbon nanotubes and graphene oxide. 2013 , 5, 12375-82	44
1172	Smart Nanoscale Drug Delivery Platforms from Stimuli-Responsive Polymers and Liposomes. 2013 , 46, 9169-9180	102
1171	Characterization of cell-penetrating lipopeptide micelles by spectroscopic methods. 2013 , 117, 14215-25	9
1170	Nano-sized melphalan and sarcosine drug delivery systems: synthesis and prospects of application. 2013 , 82, 783-814	9
1169	Prospective clinical applications of nanosized drugs. 2013 , 83, 2524-2540	3
1168	Single Domain Antibody Fragments as Drug Surrogates Targeting Protein-Protein Interactions inside Cells. 2013 , 2, 306-320	5
1167	The development of a method to quantify encapsulated and free prednisolone phosphate in liposomal formulations. 2013 , 75, 47-54	9
1166	Engineering Gd-loaded nanoparticles to enhance MRI sensitivity via T(1) shortening. 2013 , 24, 462001	60
1165	Defined DNA-mediated assemblies of gene-expressing giant unilamellar vesicles. 2013 , 29, 15309-19	35
1164	Thrombin-targeted liposomes establish a sustained localized anticlotting barrier against acute thrombosis. 2013 , 10, 4168-75	29
1163	External surface area determination of lipid vesicles using trinitrobenzene sulfonate and ultraviolet/visible spectrophotometry. 2013 , 442, 262-71	6
1162	Stimuli-Responsive Smart Organic Hybrid Metal Nanoparticles. 2013 , 293-333	2
1161	Prodrug and nanomedicine approaches for the delivery of the camptothecin analogue SN38. 2013 , 172, 48-61	134
1160	Current trends in the use of liposomes for tumor targeting. 2013 , 8, 1509-28	411
1159	Novel self-assembled lithocholic acid nanoparticles for drug delivery in cancer. 2013 , 3, 19760	15

1158	Liposomes interiorly thickened with thermosensitive nanogels as novel drug delivery systems. 2013 , 455, 276-84	16
1157	Enhanced drug-loading and therapeutic efficacy of hydrotropic oligomer-conjugated glycol chitosan nanoparticles for tumor-targeted paclitaxel delivery. 2013 , 172, 823-31	82
1156	Cyclic RGD-linked polymeric micelles for targeted delivery of platinum anticancer drugs to glioblastoma through the blood-brain tumor barrier. 2013 , 7, 8583-92	340
1155	Phospholipid-functionalized mesoporous silica nanocarriers for selective photodynamic therapy of cancer. 2013 , 34, 7462-70	72
1154	Preparation of liposomes: a novel application of microengineered membranes--from laboratory scale to large scale. 2013 , 112, 272-8	44
1153	DOPE facilitates quaternized lipidoids (QLDs) for in vitro DNA delivery. 2013 , 9, 849-54	31
1152	Effect of particle size on the biodistribution of lipid nanocapsules: comparison between nuclear and fluorescence imaging and counting. 2013 , 453, 594-600	44
1151	Temperature-Responsive Self-Assemblies of 'Kinked' Amphiphiles. 2013 , 66, 899	2
1150	Functional Nanomaterials for Biomedical Research: Focus on Bio-Functionalization, Biosynthesis, and Biomedical Applications. 2013 , 67-96	
1149	Nanoprobes and Quantum Dots: Employing Nanotechnology to Watch Biology. 2013 , 246-251	
1148	Encapsulation stability and temperature-dependent release kinetics from hydrogel-immobilised liposomes. 2013 , 394, 380-5	31
1147	pH-sensitive liposomes for drug delivery in cancer treatment. 2013 , 4, 1099-123	96
1146	Integrity and stability of oral liposomes containing bile salts studied in simulated and ex vivo gastrointestinal media. 2013 , 441, 693-700	98
1145	Organic Semiconductors in Organic Thin-Film Transistor-Based Chemical and Biological Sensors. 2013 , 53, 352-406	108
1144	Lipases, liposomes and lipid-prodrugs. 2013 , 18, 419-431	46
1143	Nanoparticle-stabilized liposomes for pH-responsive gastric drug delivery. 2013 , 29, 12228-33	94
1142	Nanotechnology in cancer therapy. 2013 , 21, 904-13	92
1141	A reduction-sensitive carrier system using mesoporous silica nanospheres with biodegradable polyester as caps. 2013 , 15, 14210-8	21

1140	Tumor-targeted chemotherapy with the nanopolymer-based drug NC-6004 for oral squamous cell carcinoma. 2013 , 104, 369-74	76
1139	Light-induced transformation of vesicles to micelles and vesicle-gels to sols. 2013 , 9, 11576	33
1138	Probing the structure of PEGylated-lipid assemblies by coarse-grained molecular dynamics. 2013 , 9, 11549	23
1137	Operationalization and application of "early warning signs" to screen nanomaterials for harmful properties. 2013 , 15, 190-203	19
1136	Synthesis, characterization and in vitro evaluation of novel vitamin D3 nanoparticles as a versatile platform for drug delivery in cancer therapy. 2013 , 1, 5742-5750	11
1135	Mechanistic modeling identifies drug-uptake history as predictor of tumor drug resistance and nano-carrier-mediated response. 2013 , 7, 11174-11182	56
1134	Oral delivery of therapeutic protein/peptide for diabetes--future perspectives. 2013 , 440, 48-62	121
1133	Nanopharmacology. 2013 , 293-360	1
1132	Folate-modified chitosan-coated liposomes for tumor-targeted drug delivery. 2013 , 48, 1717-1728	47
1131	Can controversial nanotechnology promise drug delivery?. 2013 , 113, 1686-735	160
1130	Synthetic nanoparticles functionalized with biomimetic leukocyte membranes possess cell-like functions. 2013 , 8, 61-8	736
1129	Studies on pectin-coated liposomes and their interaction with mucin. 2013 , 103, 158-65	56
1128	The interaction of encapsulated pharmaceutical drugs with a silica matrix. 2013 , 103, 422-9	24
1127	Transferrin conjugation does not increase the efficiency of liposomal Foscan during in vitro photodynamic therapy of oesophageal cancer. 2013 , 48, 202-10	19
1126	Cholesterol--a biological compound as a building block in bionanotechnology. 2013 , 5, 89-109	87
1125	Intelligent, self-powered, drug delivery systems. 2013 , 5, 1273-83	273
1124	Microparticles and Nanoparticles. 2013 , 360-388	7
1123	Resonance Raman spectral imaging of intracellular uptake of β -carotene loaded poly(D,L-lactide-co-glycolide) nanoparticles. 2013 , 14, 155-61	19

1122	Destination Known: Targeted Drug Delivery in Atherosclerosis and Thrombosis. 2013 , 74, 460-471	14
1121	Assessment of cytotoxic properties of safranal and nanoliposomal safranal in various cancer cell lines. 2013 , 27, 1868-73	32
1120	Bleomycin in octaarginine-modified fusogenic liposomes results in improved tumor growth inhibition. 2013 , 334, 293-301	40
1119	Clovamide and phenolics from cocoa beans (<i>Theobroma cacao</i> L.) inhibit lipid peroxidation in liposomal systems. 2013 , 50, 129-134	13
1118	Fabrication and characterization of CdSe conjugated magnetic carbon nanotubes: A promise of targeted and visualized drug delivery. 2013 , 16, 296-301	5
1117	Development and assessment of tyrosinase inhibitory activity of liposomes of <i>Asparagus racemosus</i> extracts. 2013 , 8, 134-142	10
1116	Ultrasound improves the uptake and distribution of liposomal Doxorubicin in prostate cancer xenografts. 2013 , 39, 1255-66	19
1115	Non-phospholipid liposomes with high sterol content display a very limited permeability. 2013 , 56, 40-47	6
1114	Imaging Atherosclerotic Plaques with MRI: Role of Contrast Agents. 2013 , 6, 76-88	1
1113	Functionalizing nanoparticles with biological molecules: developing chemistries that facilitate nanotechnology. 2013 , 113, 1904-2074	1008
1112	Nanotechnology in corneal neovascularization therapy--a review. 2013 , 29, 124-34	29
1111	Multistage delivery of chemotherapeutic nanoparticles for breast cancer treatment. 2013 , 334, 245-52	60
1110	Surface functionalization of doxorubicin-loaded liposomes with octa-arginine for enhanced anticancer activity. 2013 , 84, 517-25	63
1109	Preparation of liposomes loaded with quantum dots, fluorescence resonance energy transfer studies, and near-infrared in-vivo imaging of mouse tissue. 2013 , 180, 117-125	19
1108	Lecithin/chitosan controlled release nanopreparations of tamoxifen citrate: loading, enzyme-trigger release and cell uptake. 2013 , 167, 276-83	47
1107	Microscopy and tunable resistive pulse sensing characterization of the swelling of pH-responsive, polymeric expansile nanoparticles. 2013 , 5, 3496-504	45
1106	Liposomes for brain delivery. 2013 , 10, 1003-22	72
1105	In-vitro and in-vivo evaluation of austocystin D liposomes. 2013 , 65, 355-62	6

1104	A systematic analysis of peptide linker length and liposomal polyethylene glycol coating on cellular uptake of peptide-targeted liposomes. 2013 , 7, 2935-47	137
1103	Controlling Growth of Ultrasmall Sub-10 nm Fluorescent Mesoporous Silica Nanoparticles. 2013 , 25, 677-691	70
1102	Non-covalent Single Transcription Factor Encapsulation Inside a DNA Cage. 2013 , 125, 2340-2344	7
1101	Nanohybridization of Low-Dimensional Nanomaterials: Synthesis, Classification, and Application. 2013 , 38, 1-56	13
1100	Role of non-covalent interactions in the molecular organization of N-n-hexadecanoyl amino acid amphiphiles with hydrophobic CBide chains in Tris buffer (pH 9.3). 2013 , 420, 10-21	14
1099	Exosomes for drug delivery - a novel application for the mesenchymal stem cell. 2013 , 31, 543-51	335
1098	Liposomes as nanocarriers for anti-HIV therapy. 2013 , 3, 471-8	16
1097	Immunoconjugates and long circulating systems: origins, current state of the art and future directions. 2013 , 65, 24-35	106
1096	Supramolecular nanostructures formed by anticancer drug assembly. 2013 , 135, 2907-10	424
1095	Neutral polymeric micelles for RNA delivery. 2013 , 24, 398-407	41
1094	Carbon nanotubes in cancer therapy: a more precise look at the role of carbon nanotube-polymer interactions. 2013 , 42, 5231-56	118
1093	Spatial SPION Localization in Liposome Membranes. 2013 , 49, 166-171	4
1092	Intelligent nanomaterials for medicine: carrier platforms and targeting strategies in the context of clinical application. 2013 , 9, 742-57	149
1091	Bioceramics for drug delivery. 2013 , 61, 890-911	200
1090	Clinical developments of chemotherapeutic nanomedicines: polymers and liposomes for delivery of camptothecins and platinum (II) drugs. 2013 , 5, 130-8	37
1089	Bioaccessibility of nutrients and micronutrients from dispersed food systems: impact of the multiscale bulk and interfacial structures. 2013 , 53, 76-108	46
1088	Dual ligands modified double targeted nano-system for liver targeted gene delivery. 2013 , 51, 643-9	22
1087	Second generation liposomal cancer therapeutics: transition from laboratory to clinic. 2013 , 448, 28-43	58

1086	How to Optimize Binding of Coated Nanoparticles: Coupling of Physical Interactions, Molecular Organization and Chemical State. 2013 , 1, 814-823	20
1085	Gd-Containing Nanoparticles as MRI Contrast Agents. 2013 , 449-487	11
1084	Externally controlled on-demand release of anti-HIV drug using magneto-electric nanoparticles as carriers. 2013 , 4, 1707	155
1083	In vitro evaluation of dendrimer-polymer hybrid nanoparticles on their controlled cellular targeting kinetics. 2013 , 10, 2157-66	38
1082	Controllable drug release and simultaneously carrier decomposition of SiO ₂ -drug composite nanoparticles. 2013 , 135, 5709-16	187
1081	Functional block copolymer assemblies responsive to tumor and intracellular microenvironments for site-specific drug delivery and enhanced imaging performance. 2013 , 42, 7289-325	741
1080	Applications and perspectives of boron-enriched nanocomposites in cancer therapy. 2013 , 5, 705-14	34
1079	Silicon micro- and nanofabrication for medicine. 2013 , 2, 632-66	58
1078	Nanoceria-triggered synergetic drug release based on CeO(2) -capped mesoporous silica host-guest interactions and switchable enzymatic activity and cellular effects of CeO(2). 2013 , 2, 1591-9	145
1077	Comparative anti-inflammatory activity of poly(amidoamine) (PAMAM) dendrimer-dexamethasone conjugates with dexamethasone-liposomes. 2013 , 449, 28-36	34
1076	Advances in drug delivery and medical imaging using colloidal lyotropic liquid crystalline dispersions. 2013 , 393, 1-20	225
1075	Polymers in Drug Delivery: Concepts, Developments and Potential. 2013 , 1-34	2
1074	The cardiovascular exosome: current perspectives and potential. 2013 , 13, 1654-9	42
1073	Tumor vasculature targeting and imaging in living mice with reduced graphene oxide. 2013 , 34, 3002-9	131
1072	RNAi in Cancer Therapy. 2013 , 271-307	
1071	Superparamagnetic iron oxide nanoparticle-based delivery systems for biotherapeutics. 2013 , 10, 73-87	98
1070	Divergent synthesis of dendrimer-like pH-responsive macromolecules through a combination of ATRP and ROP for controlled release of anti-cancer drug. 2013 , 1, 773-786	15
1069	Potential environmental implications of nano-enabled medical applications: critical review. 2013 , 15, 123-44	20

1068	Synthesis of oligo(lactose)-based thiols and their self-assembly onto gold surfaces. 2013 , 105, 187-93	7
1067	Polymeric Micelles for the Delivery of Poorly Soluble Drugs. 2013 , 411-476	7
1066	Supramolecular approaches to combining membrane transport with adhesion. 2013 , 46, 2878-87	20
1065	Drug carriers for oral delivery of peptides and proteins: accomplishments and future perspectives. 2013 , 4, 251-65	24
1064	Water-soluble fullerenes using solubilizing agents, and their applications. 2013 , 77, 49-65	26
1063	Hyaluronic acid modified mesoporous silica nanoparticles for targeted drug delivery to CD44-overexpressing cancer cells. 2013 , 5, 178-83	240
1062	Investigations of Host-Guest Interactions with Shape-Persistent Nonionic Dendritic Micelles. 2013 , 117, 12307-12317	17
1061	Intracellular delivery and antitumor effects of pH-sensitive liposomes based on zwitterionic oligopeptide lipids. 2013 , 34, 2773-86	95
1060	Chemical tools for studying the biological function of glycolipids. 2013 , 14, 1164-84	23
1059	Reconstructed stem cell nanoghosts: a natural tumor targeting platform. 2013 , 13, 3248-55	177
1058	Microfluidic synthesis of PEG- and folate-conjugated liposomes for one-step formation of targeted stealth nanocarriers. 2013 , 30, 1597-607	47
1057	Gold nanoparticle contrast agents in advanced X-ray imaging technologies. 2013 , 18, 5858-90	70
1056	Preparation of liposomes: a novel application of microengineered membranes - investigation of the process parameters and application to the encapsulation of vitamin E. 2013 , 3, 4985	47
1055	Enhanced uptake and cytotoxicity of folate-conjugated mitoxantrone-loaded micelles via receptor up-regulation by dexamethasone. 2013 , 448, 142-9	19
1054	Hybrid melittin cytolytic Peptide-driven ultrasmall lipid nanoparticles block melanoma growth in vivo. 2013 , 7, 5791-800	77
1053	Bio-inspired liposomal thrombomodulin conjugate through bio-orthogonal chemistry. 2013 , 24, 550-9	18
1052	'Smart' non-viral delivery systems for targeted delivery of RNAi to the lungs. 2013 , 4, 59-76	11
1051	Plasma co-polymerized nano coatings [As a biodegradable solid carrier for tunable drug delivery applications. 2013 , 54, 4820-4829	37

1050	An evaluation of the anti-tumor efficacy of oleanolic acid-loaded PEGylated liposomes. 2013 , 24, 235102	22
1049	CHAPTER 5:Temperature- and pH-sensitive Polymeric Micelles for Drug Encapsulation, Release and Targeting. 2013 , 115-147	8
1048	Enhanced brain delivery of the opioid peptide DAMGO in glutathione pegylated liposomes: a microdialysis study. 2013 , 10, 1533-41	71
1047	Incorporation of amphiphilic cyclodextrins into liposomes as artificial receptor units. 2013 , 29, 7377-83	44
1046	Evidence for a new mechanism behind HIFU-triggered release from liposomes. 2013 , 168, 327-33	47
1045	Artificial Cells. 2013 , 811-827	2
1044	Mesenchymal stem cell: an efficient mass producer of exosomes for drug delivery. 2013 , 65, 336-41	478
1043	Enhanced Vascular Permeability in Solid Tumors: A Promise for Anticancer Nanomedicine. 2013 , 81-118	1
1042	A simple way to enhance Doxil [®] therapy: drug release from liposomes at the tumor site by amphiphilic block copolymer. 2013 , 168, 61-9	87
1041	Nanocarriers for the targeted treatment of ovarian cancers. 2013 , 34, 1073-101	56
1040	Prevention of nodal metastases in breast cancer following the lymphatic migration of paclitaxel-loaded expansile nanoparticles. 2013 , 34, 1810-9	34
1039	Hybrid nanocrystal as a versatile platform for cancer theranostics. 2013 , 188-207e	1
1038	Biological identity of nanomaterials: Opportunities and challenges. 2013 , 56, 1533-1541	22
1037	Targeting nanotherapeutics to the tumor microenvironment: how accurately can we aim?. 2013 , 4, 771-3	1
1036	tLyP-1-conjugated mesoporous silica nanoparticles for tumor targeting and penetrating hydrophobic drug delivery. 2013 , 15, 1	7
1035	Immobilization of aloin encapsulated into liposomes in layer-by-layer films for transdermal drug delivery. 2013 , 33, 1193-6	15
1034	Polymeric colloidal particulate systems: intelligent tools for intracellular targeting of antileishmanial cargos. 2013 , 10, 1633-51	18
1033	Effect of folate-targeted nanoparticle size on their rates of penetration into solid tumors. 2013 , 7, 8573-82	92

1032	Spatially controlled apoptosis induced by released nickel(II) within a magnetically responsive nanostructured biomaterial. 2013 , 9, 2245	13
1031	Self-assembly and bilayer-micelle transition of fatty acids studied by replica-exchange constant pH molecular dynamics. 2013 , 29, 14823-30	34
1030	Synthesis and characterization of lipid immuno-nanocapsules for directed drug delivery: selective antitumor activity against HER2 positive breast-cancer cells. 2013 , 14, 4248-59	11
1029	Tumor imaging and interferon-Inducible protein-10 gene transfer using a highly efficient transferrin-conjugated liposome system in mice. 2013 , 19, 4206-17	26
1028	Colchicine Semisynthetics: Chemotherapeutics for Cancer?. 2013 , 20, 892-898	
1027	Non-covalent single transcription factor encapsulation inside a DNA cage. 2013 , 52, 2284-8	55
1026	Self-assembled liposomal nanoparticles in photodynamic therapy. 2013 , 5,	40
1025	NANOMATERIALS FOR PROTEIN MEDIATED THERAPY AND DELIVERY. 2013 , 3,	10
1024	Enhanced therapeutic efficacy of iRGD-conjugated crosslinked multilayer liposomes for drug delivery. 2013 , 2013, 378380	35
1023	Nanoparticles as Drug Delivery Systems in Cancer Medicine: Emphasis on RNAi-Containing Nanoliposomes. 2013 , 6, 1361-80	89
1022	Application of liposomal technologies for delivery of platinum analogs in oncology. 2013 , 8, 3309-19	54
1021	Optimization of Ultrasonic-Assisted Preparation of Liposome-Encapsulated Paprika Red and its Improved Light Irradiation Stability. 2013 , 781-784, 1791-1800	
1020	Nanomaterials and autophagy: new insights in cancer treatment. 2013 , 5, 296-319	56
1019	Recent developments in liposome-based veterinary therapeutics. 2013 , 2013, 167521	18
1018	Calorimetric Study of Mesoporous SBA-15 Modified for Controlled Valproic Acid Delivery. 2013 , 2013, 1-11	5
1017	Lipid-based nanoparticles in cancer diagnosis and therapy. 2013 , 2013, 165981	48
1016	In vitro and in vivo evaluation of lactoferrin-conjugated liposomes as a novel carrier to improve the brain delivery. 2013 , 14, 2862-74	54
1015	Interaction between dipolar lipid headgroups and charged nanoparticles mediated by water dipoles and ions. 2013 , 14, 15312-29	29

1014	Deposition of platinum nanoparticles on p-type macroporous silicon wall. 2013 , 8, 465-469	5
1013	Liposomal encapsulation enhances in vivo near infrared imaging of exposed phosphatidylserine in a mouse glioma model. 2013 , 18, 14613-28	10
1012	Ketoconazole modulates the infectivity of <i>Ichthyophonus</i> sp. (Mesomycetozoa) in vivo in experimentally injected European sea bass. 2013 , 105, 225-35	3
1011	Monocytes and macrophages as nanomedicinal targets for improved diagnosis and treatment of disease. 2013 , 13, 567-80	72
1010	Nanoparticle-Based Delivery of RNAi Therapeutics: Progress and Challenges. 2013 , 6, 85-107	152
1009	Structure of liposome encapsulating proteins characterized by X-ray scattering and shell-modeling. 2013 , 20, 869-74	10
1008	Recent trends in multifunctional liposomal nanocarriers for enhanced tumor targeting. 2013 , 2013, 705265	149
1007	Preparation and Characterization of mPEG Modified Magnetic Long-Circulating Doxorubicin Hydrochloride Liposomes. 2013 , 661, 87-90	1
1006	NMR investigation of the equilibrium partitioning of a water-soluble bile salt protein carrier to phospholipid vesicles. 2013 , 81, 1776-91	23
1005	Cationic amphiphilic drugs self-assemble to the core-shell interface of PEGylated phospholipid micelles and stabilize micellar structure. 2013 , 371, 20120309	31
1004	A review of nanotechnological approaches for the prophylaxis of HIV/AIDS. 2013 , 34, 6202-28	66
1003	Metal-organic frameworks as potential drug delivery systems. 2013 , 10, 89-101	260
1002	(99m)Tc-labeled therapeutic inhaled amikacin loaded liposomes. 2013 , 23, 336-42	10
1001	Natural killer T (NKT)-B-cell interactions promote prolonged antibody responses and long-term memory to pneumococcal capsular polysaccharides. 2013 , 110, 16097-102	81
1000	Sterically stabilized liposomes as a platform for salinomycin metal coordination compounds: physicochemical characterization and in vitro evaluation. 2013 , 23, 215-223	7
999	Magnetic-fluid-loaded liposomes for MR imaging and therapy of cancer. 2013 , 23, 25-37	9
998	Multifunctional Nano/Micro Polymer Capsules as Potential Drug Delivery and Imaging Agents. 2013 , 227-283	1
997	The polyethyleneglycol dilemma: advantage and disadvantage of PEGylation of liposomes for systemic genes and nucleic acids delivery to tumors. 2013 , 36, 892-9	301

996	Nanoparticles in Drug Delivery Systems. 2013 , 17-38	2
995	Tumor-Targeted Nanodrugs for Treatment of Primary Brain Tumors. 2013 , 381-394	
994	Micelles and Liposomes. 2013 , 51-64	2
993	Micro/Nanospheres for Gene Drug Delivery. 2013 , 321-370	
992	Fabrication of Stable Nanoparticle-Based Colloidal Microcapsules. 2013 , 17, 49-57	5
991	From molecular to nanotechnology strategies for delivery of neurotrophins: emphasis on brain-derived neurotrophic factor (BDNF). 2013 , 5, 127-67	80
990	On the near-wall accumulation of injectable particles in the microcirculation: smaller is not better. 2013 , 3, 2079	128
989	Anti- β antibody guided three-step pretargeting approach using magnetoliposomes for molecular magnetic resonance imaging of breast cancer angiogenesis. 2013 , 8, 245-55	17
988	Potential therapeutic effect of nanobased formulation of rivastigmine on rat model of Alzheimer's disease. 2013 , 8, 393-406	48
987	Accelerated drug release and clearance of PEGylated epirubicin liposomes following repeated injections: a new challenge for sequential low-dose chemotherapy. 2013 , 8, 1257-68	30
986	Liposomes functionalized to overcome the blood-brain barrier and to target amyloid- β peptide: the chemical design affects the permeability across an in vitro model. 2013 , 8, 1749-58	44
985	Tumor targeting and imaging with dual-peptide conjugated multifunctional liposomal nanoparticles. 2013 , 8, 4659-71	40
984	A computational model for predicting nanoparticle accumulation in tumor vasculature. 2013 , 8, e56876	78
983	The physiology of cardiovascular disease and innovative liposomal platforms for therapy. 2013 , 8, 629-40	18
982	Inhibition of SIRT1 combined with gemcitabine therapy for pancreatic carcinoma. 2013 , 8, 889-97	11
981	Photodynamic therapy with conventional and PEGylated liposomal formulations of mTHPC (temoporfin): comparison of treatment efficacy and distribution characteristics in vivo. 2013 , 8, 3817-31	49
980	Investigation of the spatiotemporal responses of nanoparticles in tumor tissues with a small-scale mathematical model. 2013 , 8, e59135	12
979	Fabrication and intracellular delivery of doxorubicin/carbonate apatite nanocomposites: effect on growth retardation of established colon tumor. 2013 , 8, e60428	31

978	Antisense gene silencing: therapy for neurodegenerative disorders?. 2013 , 4, 457-84	10
977	Quantum Dot-Loaded Liposomes to Evaluate the Behavior of Drug Carriers after Oral Administration. 2013 , 2013, 848275	4
976	. 2013 ,	112
975	Optimization of Fabrication Parameters to Prepare Tea Catechin-Loaded Liposomes using Response Surface Methodology. 2013 , 5, 29-35	3
974	Effects of liver diseases on drug-metabolizing enzymes: implications for drug fate alterations and nano-therapeutic openings. 2014 , 21, 2522-41	3
973	Gold nanoparticle-based drug delivery platform for antineoplastic chemotherapy. 2014 , 15, 620-31	37
972	Microfluidic-enabled liposomes elucidate size-dependent transdermal transport. 2014 , 9, e92978	23
971	Therapeutic efficacy of combining pegylated liposomal doxorubicin and radiofrequency (RF) ablation: comparison between slow-drug-releasing, non-thermosensitive and fast-drug-releasing, thermosensitive nano-liposomes. 2014 , 9, e92555	43
970	Morphological and physical analysis of natural phospholipids-based biomembranes. 2014 , 9, e107435	20
969	Codelivery of chemotherapeutics via crosslinked multilamellar liposomal vesicles to overcome multidrug resistance in tumor. 2014 , 9, e110611	23
968	Food antimicrobials nanocarriers. 2014 , 2014, 837215	54
967	Preparation and evaluation of cyclodextrin polypseudorotaxane with PEGylated liposome as a sustained release drug carrier. 2014 , 10, 2756-64	9
966	Liposomal nanoparticles encapsulating iloprost exhibit enhanced vasodilation in pulmonary arteries. 2014 , 9, 3249-61	21
965	Pharmacokinetics of BMEDA after intravenous administration in beagle dogs. 2014 , 19, 538-49	1
964	Application of pharmacokinetic and pharmacodynamic analysis to the development of liposomal formulations for oncology. 2014 , 6, 137-74	67
963	Nanoparticle-mediated drug delivery system for cardiovascular disease. 2014 , 55, 281-6	54
962	GE11-modified liposomes for non-small cell lung cancer targeting: preparation, ex vitro and in vivo evaluation. 2014 , 9, 921-35	65
961	Carbonic anhydrase IX-directed immunoliposomes for targeted drug delivery to human lung cancer cells in vitro. 2014 , 8, 993-1001	25

960	Photo activation of HPPH encapsulated in "Pocket" liposomes triggers multiple drug release and tumor cell killing in mouse breast cancer xenografts. 2015 , 10, 125-45	21
959	Antisense therapeutics in oncology: current status. 2014 , 7, 2035-42	48
958	Development of nucleic acid vaccines: use of self-amplifying RNA in lipid nanoparticles. 2014 , 9, 1833-43	49
957	. 2014 ,	1
956	. 2014 ,	5
955	. 2014 ,	24
954	Liposomes as Triggerable Carrier for Intracellular Drug Delivery. 2014 , 4, 12-20	4
953	Formation and characterization of porous silicon/amarium/gadolinium nanocomposites: effect of substrate oxidation and biosynthesis process. 2014 , 117, 2265-2273	2
952	Dendritic Polymers as Targeting Nanoscale Drug Delivery Systems for Cancer Therapy. 2014 , 29-60	
951	Current strategies for DNA therapy based on lipid nanocarriers. 2014 , 11, 1721-31	40
950	Nanopreparations for Oral Administration. 2014 , 153-202	3
949	Folate-modified doxorubicin-loaded nanoparticles for tumor-targeted therapy. 2014 , 52, 978-82	10
948	Polymeric Biomaterials for Medical Diagnostics in the Central Nervous System. 2014 , 373-386	1
947	Advances and prospects of using nanocrystalline ceria in cancer theranostics. 2014 , 59, 1556-1575	21
946	Enhancing and initiating phage-based therapies. 2014 , 4, e961869	10
945	Ligand exchange on gold nanoparticles for drug delivery and enhanced therapeutic index evaluated in acute myeloid leukemia models. 2014 , 239, 853-861	13
944	Needle-free injection of insulin powder: delivery efficiency and skin irritation assessment. 2014 , 15, 888-99	2
943	Recent progress in adjuvant discovery for peptide-based subunit vaccines. 2014 , 10, 778-96	141

942	Theranostic applications of organic nanoparticles for cancer treatment. 2014 , 39, 239-249	11
941	A promising targeted gene delivery system: folate-modified dexamethasone-conjugated solid lipid nanoparticles. 2014 , 52, 1039-44	13
940	Preparation of microparticles composed of amphiphilic poly(α -glutamic acid) through hydrophobic interactions. 2014 , 46, 184-188	3
939	Organelle-Targeted Nanocarriers. 2014 , 227-265	
938	Nanoparticles in the Gastrointestinal Tract. 2014 , 115-151	1
937	Polymers in oral insulin delivery. 2014 , 257-310	9
936	Phospholipase A2-responsive antibiotic delivery via nanoparticle-stabilized liposomes for the treatment of bacterial infection. 2014 , 2, 8201-8207	69
935	Fabrication of monodisperse liposomes-in-microgel hybrid microparticles in capillary-based microfluidic devices. 2014 , 123, 339-44	10
934	Rapid spectrophotometric determination, characterization and anti-inflammatory efficacy evaluation of nanoencapsulated diclofenac sodium. 2014 , 24, 361-366	5
933	Multifunctional polydiacetylene-liposome with controlled release and fluorescence tracing. 2014 , 4, 18604-18607	12
932	Formalizing Modularization and Data Hiding in Synthetic Biology. 2014 , 11, 1-20	2
931	Drug delivery nanoparticles in skin cancers. 2014 , 2014, 895986	90
930	Drug Formulations: How these Affects Anticancer Drug. 2014 , 689-701	
929	Transport of glial cell line-derived neurotrophic factor into liposomes across the blood-brain barrier: in vitro and in vivo studies. 2014 , 15, 3612-23	11
928	Next generation delivery system for proteins and genes of therapeutic purpose: why and how?. 2014 , 2014, 327950	29
927	Pharmaceutical Nanotechnology: Overcoming Drug Delivery Challenges in Contemporary Medicine. 2014 , 191-236	
926	Recent trends of polymer mediated liposomal gene delivery system. 2014 , 2014, 934605	15
925	Co-delivery of plasmid DNA and doxorubicin by solid lipid nanoparticles for lung cancer therapy. 2014 , 34, 191-6	39

924	Small magnetite antiretroviral therapeutic nanoparticle probes for MRI of drug biodistribution. 2014 , 9, 1341-52	10
923	Nanomicelle formulation modifies the pharmacokinetic profiles and cardiac toxicity of daunorubicin. 2014 , 9, 1807-20	7
922	Primary and secondary immune responses to keyhole limpet hemocyanin in rats after infusion of hemoglobin vesicle, an artificial oxygen carrier. 2014 , 38, 234-8	6
921	Smart Vesicles: Synthesis, Characterization and Applications. 2014 , 53-103	
920	Synthesis of Multifunctional Fe ₃ O ₄ @mSiO ₂ @Au CoreShell Nanocomposites for pH-Responsive Drug Delivery. 2014 , 2014, 6156-6164	20
919	Remote loading of preencapsulated drugs into stealth liposomes. 2014 , 111, 2283-8	76
918	Investigation of single-drug-encapsulating liposomes using the nano-impact method. 2014 , 53, 13928-30	123
917	Vesicle formation by L-cysteine-derived unconventional single-tailed amphiphiles in water: a fluorescence, microscopy, and calorimetric investigation. 2014 , 30, 13516-24	27
916	Intranasal delivery of liposomal indole-3-carbinol improves its pulmonary bioavailability. 2014 , 477, 96-101	10
915	Bile salts-containing vesicles: promising pharmaceutical carriers for oral delivery of poorly water-soluble drugs and peptide/protein-based therapeutics or vaccines. 2016 , 23, 1847-67	53
914	. 2014 , 32, 2417-2431	43
913	Evaluation of multifunctional liposomes in human blood serum by light scattering. 2014 , 30, 14954-62	33
912	Thermoresponsive copolymer/SiO ₂ nanoparticles with dual functions of thermally controlled drug release and simultaneous carrier decomposition. 2014 , 20, 12945-53	10
911	Therapeutic radionuclides in nuclear medicine: current and future prospects. 2014 , 15, 845-63	82
910	Methotrexate: a gold standard for treatment of rheumatoid arthritis. 2014 , 28, 351-8	39
909	Nebulization of liposome-polyethylenimine complexes (lipopolyplexes) for DNA or siRNA delivery: Physicochemical properties and biological activity. 2014 , 116, 1195-1204	13
908	Silicon nanoneedles for drug delivery. 2014 , 144-167	6
907	A review of topically administered mini-tablets for drug delivery to the anterior segment of the eye. 2014 , 66, 490-506	18

906	Emerging research and clinical development trends of liposome and lipid nanoparticle drug delivery systems. 2014 , 103, 29-52	334
905	Potential antineoplastic effects of Aloe-emodin: a comprehensive review. 2014 , 42, 275-88	61
904	Size and charge of nanoparticles following incubation with human plasma of healthy and pancreatic cancer patients. 2014 , 123, 673-8	47
903	Advances in the methods for discovering novel painful bladder syndrome therapies. 2014 , 9, 423-32	4
902	Redox-responsive nanoparticles with Aggregation-Induced Emission (AIE) characteristic for fluorescence imaging. 2014 , 14, 1059-66	13
901	A nanoparticle-based combination chemotherapy delivery system for enhanced tumor killing by dynamic rewiring of signaling pathways. 2014 , 7, ra44	138
900	Nanomedicine: the promise and challenges in cancer chemotherapy. 2014 , 811, 207-33	14
899	Nanoparticulate Contrast Agents for CT, SPECT and PET Imaging. 2014 , 47-76	1
898	Targeting of a magnetic bionanomaterial to HepG2 human hepatocellular carcinoma cells using a galactose terminated lipid. 2014 , 1688, 12	1
897	Doxorubicin in TAT peptide-modified multifunctional immunoliposomes demonstrates increased activity against both drug-sensitive and drug-resistant ovarian cancer models. 2014 , 15, 69-80	50
896	Liposomes as Potential Drug Carrier Systems for Drug Delivery. 2014 ,	49
895	Liposomes versus metallic nanostructures: differences in the process of knowledge translation in cancer. 2014 , 9, 2627-34	4
894	From Polymers to Nanomedicines: New Materials for Future Vaccines. 2014 , 643-671	1
893	Harnessing the potential of lipid-based nanomedicines for type-specific ovarian cancer treatments. 2014 , 9, 501-22	8
892	Nanotechnology in Cancer. 2014 , 703-730	
891	Clever Strategies for Controlled Drug Release and Targeted Drug Delivery. 2014 , 323-342	1
890	Nanotheranostics - application and further development of nanomedicine strategies for advanced theranostics. 2014 , 4, 660-77	413
889	Liposomal Formulations for Focal and Targeted Drug Delivery in Cancer and Other Diseases. 2014 , 93-116	

888	Development and characterization of liposomal doxorubicin hydrochloride with palm oil. 2014 , 2014, 765426	29
887	Nanomedicine and therapy of lung diseases. 2014 , 12, 531-3	9
886	Mapping knowledge translation and innovation processes in Cancer Drug Development: the case of liposomal doxorubicin. 2014 , 12, 227	14
885	Acoustic droplet vaporization is initiated by superharmonic focusing. 2014 , 111, 1697-702	128
884	Multifunctional nanoparticles for brain tumor imaging and therapy. 2014 , 66, 42-57	226
883	Emerging nanotherapeutic strategies in breast cancer. 2014 , 23, 10-8	32
882	Polymersomes conjugated with des-octanoyl ghrelin for the delivery of therapeutic and imaging agents into brain tissues. 2014 , 35, 2051-65	16
881	Influence of nanoparticle-membrane electrostatic interactions on membrane fluidity and bending elasticity. 2014 , 178, 52-62	28
880	Env-decorated phosphatidylserine liposomes trigger phagocytosis of HIV-virus-like particles in macrophages. 2014 , 10, 981-9	12
879	Production of liposomes using microengineered membrane and co-flow microfluidic device. 2014 , 458, 168-177	35
878	The structure of Lactobacillus brevis surface layer reassembled on liposomes differs from native structure as revealed by SAXS. 2014 , 1838, 2099-104	9
877	Tumour targeting of lipid nanocapsules grafted with cRGD peptides. 2014 , 87, 152-9	19
876	Bacterial mechanosensitive channels: models for studying mechanosensory transduction. 2014 , 20, 952-69	31
875	Polymeric materials for theranostic applications. 2014 , 31, 1358-76	73
874	Tumor extracellular acidity-activated nanoparticles as drug delivery systems for enhanced cancer therapy. 2014 , 32, 789-803	147
873	Sustained zero-order release of intact ultra-stable drug-loaded liposomes from an implantable nanochannel delivery system. 2014 , 3, 230-8	42
872	Emerging micro- and nanotechnology based synthetic approaches for insulin delivery. 2014 , 43, 3595-629	289
871	Design, synthesis, and functionalization of nanomaterials for therapeutic drug delivery. 2014 , 811, 157-82	4

870	Theranostics in the growing field of personalized medicine: an analytical chemistry perspective. 2014 , 86, 130-60	36
869	Curcumin nanoformulations: a review of pharmaceutical properties and preclinical studies and clinical data related to cancer treatment. 2014 , 35, 3365-83	588
868	Drug and cell encapsulation: alternative delivery options for the treatment of malignant brain tumors. 2014 , 67-68, 142-53	85
867	Drug delivery strategies in the therapy of inflammatory bowel disease. 2014 , 71, 58-76	149
866	Hypoxia-responsive polymeric nanoparticles for tumor-targeted drug delivery. 2014 , 35, 1735-43	249
865	Biocatalytic polymer thin films: optimization of the multilayered architecture towards in situ synthesis of anti-proliferative drugs. 2014 , 6, 4131-40	14
864	Encapsulated microbubbles and echogenic liposomes for contrast ultrasound imaging and targeted drug delivery. 2014 , 53, 413-435	40
863	Uniform hollow-structured poly(vinyl amine) hydrogel microparticles with controlled mesh property and enhanced cell adhesion. 2014 , 55, 1143-1149	5
862	Response surface methodology for the optimization of beta-lactoglobulin nano-liposomes. 2014 , 5, 748-54	7
861	A pH-responsive polymer/mesoporous silica nano-container linked through an acid cleavable linker for intracellular controlled release and tumor therapy in vivo. 2014 , 2, 428-436	73
860	Towards designer nanoemulsions for precision delivery of therapeutics. 2014 , 4, 11-17	26
859	RNAi-mediated gene knockdown and anti-angiogenic therapy of RCCs using a cyclic RGD-modified liposomal-siRNA system. 2014 , 173, 110-8	87
858	Subcellular drug targeting, pharmacokinetics and bioavailability. 2014 , 22, 95-115	12
857	Synthesis of silk-based microcapsules by desolvation and hybridization. 2014 , 50, 4423-6	19
856	What nanomedicine in the clinic right now really forms nanoparticles?. 2014 , 6, 125-35	46
855	Counterion-enhanced cyanine dye loading into lipid nano-droplets for single-particle tracking in zebrafish. 2014 , 35, 4950-7	47
854	Delivery of kinesin spindle protein targeting siRNA in solid lipid nanoparticles to cellular models of tumor vasculature. 2014 , 446, 441-7	16
853	pH-responsive dendritic core-multishell nanocarriers. 2014 , 185, 99-108	43

852	Peptide-tunable drug cytotoxicity via one-step assembled polymer nanoparticles. 2014 , 26, 2398-402	40
851	Biodistribution, tumor uptake and efficacy of 5-FU-loaded liposomes: why size matters. 2014 , 31, 2677-84	19
850	Self-assembled magnetic liposomes from electrospun fibers. 2014 , 53, 280-289	18
849	Probing influence of methodological variation on active loading of acetazolamide into nanoliposomes: biophysical, in vitro, ex vivo, in vivo and rheological investigation. 2014 , 461, 82-8	13
848	Theranostic nanomedicine for cancer detection and treatment. 2014 , 22, 3-17	116
847	Size Control of Porous Silicon Nanoparticles by Electrochemical Perforation Etching. 2014 , 31, 252-256	77
846	RIPL peptide (IPLVVPLRRRRRRRRC)-conjugated liposomes for enhanced intracellular drug delivery to hepsin-expressing cancer cells. 2014 , 87, 489-99	30
845	Near-Infrared Fluorescence Imaging Probes for Cancer Diagnosis and Treatment. 2014 , 55-67	4
844	Biocompatible, Uniform, and Redispersible Mesoporous Silica Nanoparticles for Cancer-Targeted Drug Delivery In Vivo. 2014 , 24, 2450-2461	212
843	Nanoparticle targeting of anti-cancer drugs that alter intracellular signaling or influence the tumor microenvironment. 2014 , 79-80, 107-18	163
842	Liposome-containing polymer films and colloidal assemblies towards biomedical applications. 2014 , 6, 6426-33	31
841	Preparation, characterization, and pharmacodynamics of thermosensitive liposomes containing docetaxel. 2014 , 103, 2177-2183	27
840	Biomaterials for nanoparticle vaccine delivery systems. 2014 , 31, 2563-82	202
839	Designer lipids for drug delivery: from heads to tails. 2014 , 190, 274-87	101
838	Enhanced Anticancer Efficacy by ATP-Mediated Liposomal Drug Delivery. 2014 , 126, 5925-5930	44
837	Molecular Dynamics Studies of Liposomes as Carriers for Photosensitizing Drugs: Development, Validation, and Simulations with a Coarse-Grained Model. 2014 , 10, 5-13	31
836	Enhanced anticancer efficacy by ATP-mediated liposomal drug delivery. 2014 , 53, 5815-20	146
835	Theranostic nanoparticles for cancer and cardiovascular applications. 2014 , 31, 1390-406	31

834	Phosphatidylserine-targeted bimodal liposomal nanoparticles for in vivo imaging of breast cancer in mice. 2014 , 183, 114-23	57
833	Comparison of PET imaging with ⁶⁴ Cu-liposomes and ¹⁸ F-FDG in the 7,12-dimethylbenz[a]anthracene (DMBA)-induced hamster buccal pouch model of oral dysplasia and squamous cell carcinoma. 2014 , 16, 284-92	18
832	DNA amplification in neutral liposomes for safe and efficient gene delivery. 2014 , 8, 4257-67	28
831	Hydrogel containing nanoparticle-stabilized liposomes for topical antimicrobial delivery. 2014 , 8, 2900-7	162
830	Merging the best of both worlds: hybrid lipid-enveloped matrix nanocomposites in drug delivery. 2014 , 43, 444-72	133
829	Microfluidics fabrication of monodisperse biocompatible phospholipid vesicles for encapsulation and delivery of hydrophilic drug or active compound. 2014 , 30, 3905-12	31
828	Liposome surface functionalization based on different anchoring lipids via Staudinger ligation. 2014 , 12, 1237-44	46
827	Surface receptor-mediated targeted drug delivery systems for enhanced cancer treatment: A state-of-the-art review. 2021 , 82, 309-340	14
826	Strategies to prolong the residence time of drug delivery systems on ocular surface. 2021 , 288, 102342	23
825	Nanoparticles in pregnancy: the next frontier in reproductive therapeutics. 2021 , 27, 280-304	10
824	Drug-Sponge Lipid Nanocarrier for in Situ Cargo Loading and Release Using Dynamic Covalent Chemistry. 2021 , 133, 6647-6654	1
823	Drug-Sponge Lipid Nanocarrier for in Situ Cargo Loading and Release Using Dynamic Covalent Chemistry. 2021 , 60, 6573-6580	4
822	Tumor-Targeting Liposomes with Transient Holes Allowing Intact Rituximab Internally. 2021 , 22, 723-731	4
821	Intercalation of curcumin into liposomal chemotherapeutic agent augments apoptosis in breast cancer cells. 2021 , 35, 1005-1018	15
820	Nanotechnology-based approaches for treating lysosomal storage disorders, a focus on Fabry disease. 2021 , 13, e1684	3
819	Self-Synthesizing Nanorods from Dynamic Combinatorial Libraries against Drug Resistant Cancer. 2021 , 60, 3062-3070	5
818	Encapsulation of β -carotene by self-assembly of rapeseed meal-derived peptides: Factor optimization and structural characterization. 2021 , 138, 110456	4
817	Treating blood cancer with nanotechnology: A paradigm shift. 2021 , 225-243	0

816	RGD peptide-mediated liposomal curcumin targeted delivery to breast cancer cells. 2021 , 35, 743-753	22
815	Versatile Phospholipid Assemblies for Functional Synthetic Cells and Artificial Tissues. 2021 , 33, e2002635	16
814	Effect of liposomal bupivacaine on opioid requirements and length of stay in colorectal enhanced recovery pathways: A systematic review and network meta-analysis. 2021 , 23, 603-613	1
813	Development of a pathogenesis-based therapy for peeling skin syndrome type 1. 2021 , 184, 1123-1131	4
812	Nanoparticles in cancer immunotherapies: An innovative strategy. 2021 , 37, e3070	4
811	Nanotechnology. 2021 , 623-632	
810	Preparation, Characterization, and In Vitro Pharmacodynamics and Pharmacokinetics Evaluation of PEGylated Urolithin A Liposomes. 2021 , 22, 26	4
809	Current Therapies and Future Prospects. 2021 , 306-318	
808	Advancement on nanoparticle-based drug delivery systems for cancer therapy. 2021 , 319-330	
807	Carbohydrate Functionalized Liposomes and Applications. 2021 , 370-379	
806	Hybrid Nanoparticles in Image-Guided Drug Delivery. 2021 , 83-107	
805	Platinum-based chemotherapy nanocarriers and co-delivery of multiple drugs. 2021 , 9, 6023-6036	4
804	Flexible polymeric nanosized micelles for ophthalmic drug delivery: research progress in the last three years. 2021 , 3, 5240-5254	1
803	Supramolecular cancer nanotheranostics. 2021 , 50, 2839-2891	88
802	Joint Reaction Coordinate for Computing the Free-Energy Landscape of Pore Nucleation and Pore Expansion in Lipid Membranes. 2021 , 17, 1229-1239	2
801	The ADME Encyclopedia. 2021 , 1-16	1
800	Nanomedicine Scale-Up Technologies: Feasibilities and Challenges. 2021 , 511-539	1
799	Liposomes as vehicles for topical ophthalmic drug delivery and ocular surface protection. 2021 , 18, 819-847	7

798	DDAB cationic lipid-mPEG, PCL copolymer hybrid nano-carrier synthesis and application for delivery of siRNA targeting IGF-1R into breast cancer cells. 2021 , 23, 1167-1178	5
797	Curcumin loaded drug delivery systems in Parkinson's disease. 2021 , 105-119	
796	Potential applications of polymeric-nanomaterial as drug delivery carriers in the biomedical field. 2021 , 109-134	1
795	Advanced drug delivery systems in kidney cancer. 2021 , 155-181	0
794	Nanoparticles Targeting Receptors on Breast Cancer for Efficient Delivery of Chemotherapeutics. 2021 , 9,	11
793	Preparation and Evaluation of Biomineral-Binding Antibiotic Liposomes. 2021 , 277-292	
792	The fabrication of phospholipid vesicle-based artificial cells and their functions. 2021 , 45, 3364-3376	4
791	Liposomes Encapsulating Artificial Cytosol as Drug Delivery System.	
790	Iron supplementation and iron-fortified foods: a review. 2021 , 1-22	12
789	Improving the miltefosine efficacy against leishmaniasis by using different nanoassemblies made from surfactants or amphiphilic antimony (V) complex. 2021 , 253-290	
788	Self-assembly of carbohydrate-based small amphiphiles and their applications in pathogen inhibition and drug delivery: a review.	5
787	Multifunctional DNA dendrimer nanostructures for biomedical applications. 2021 , 9, 4991-5007	5
786	The dynamic face of lipid membranes. 2021 , 17, 6910-6928	6
785	Nanotechnology: A boon in cancer therapy: Review. 2021 , 001-006	
784	An Overview of Bioactive Natural Products-Based Nano-Drug Delivery Systems in Antitumor Chemotherapy. 2021 , 271, 03042	
783	Fundamentals of Nanocarriers and Drug Targeting. 2021 , 3-42	1
782	Liposomes for oral delivery of protein and peptide-based therapeutics: challenges, formulation strategies, and advances. 2021 , 9, 4773-4792	13
781	Microencapsulation Methods for Food Antioxidants. 2021 , 1-37	

780	Polymeric nanomaterials in neuroscience. 2021 , 291-307	
779	In silico screening of drug candidates for thermoresponsive liposome formulations. 2021 , 6, 368-380	1
778	Coarse-grained simulation of the self-assembly of lipid vesicles concomitantly with novel block copolymers with multiple tails. 2021 , 17, 2753-2764	0
777	Polymeric nanoparticles for potential drug delivery applications in cancer. 2021 , 65-88	1
776	Introduction to Nanomaterials and Nanotechnology. 2021 , 3-23	4
775	Metal-Organic Frameworks for Drug Delivery Applications. 2021 , 139-170	
774	Targeted liposomal drug delivery: a nanoscience and biophysical perspective. 2021 , 6, 78-94	36
773	Chitosan caged liposomes for improving oral bioavailability of rivaroxaban: and evaluation. 2021 , 26, 316-327	9
772	Current advances in drug delivery of nanoparticles for respiratory disease treatment. 2021 , 9, 1745-1761	7
771	Disulfide Bridging Strategies in Viral and Nonviral Platforms for Nucleic Acid Delivery. 2021 , 60, 966-990	8
770	Current Status and Emerging Trend of Nanoshuttle in Biological Applications. 2021 , 27, 105-114	1
769	Impact of Chemical Composition on the Nanostructure and Biological Activity of EGalactosidase-Loaded Nanovesicles for Fabry Disease Treatment. 2021 , 13, 7825-7838	5
768	Metformin Liposome-Mediated PD-L1 Downregulation for Amplifying the Photodynamic Immunotherapy Efficacy. 2021 , 13, 8026-8041	32
767	Bi-Functional Radiotheranostics of Re-Liposome-Fcy-hEGF for Radio- and Chemo-Therapy of EGFR-Overexpressing Cancer Cells. 2021 , 22,	1
766	Intravitreal galactose conjugated polymeric nanoparticles of etoposide for retinoblastoma. 2021 , 61, 102259	2
765	Carbohydrate-Derived Metal-Chelator-Triggered Lipids for Liposomal Drug Delivery. 2021 , 27, 6917-6922	3
764	PEG-CD/AM/liposome @amoxicillin double network hydrogel wound dressing-Multiple barriers for long-term drug release. 2021 , 35, 1085-1095	3
763	Recent advances of nanomedicine-based strategies in diabetes and complications management: Diagnostics, monitoring, and therapeutics. 2021 , 330, 618-640	6

762	Teaching new tricks to old dogs: A review of drug repositioning of disulfiram for cancer nanomedicine. 2021 , 2, 20200127	4
761	Therapeutic nanostructures and nanotoxicity. 2021 , 41, 1494-1517	4
760	Current State and Promising Opportunities on Pharmaceutical Approaches in the Treatment of Polymicrobial Diseases. 2021 , 10,	4
759	Bortezomib-loaded lipidic-nano drug delivery systems; formulation, therapeutic efficacy, and pharmacokinetics. 2021 , 38, 192-202	1
758	Nanotraps for the containment and clearance of SARS-CoV-2.	1
757	Liposomes embedded in layer by layer constructs as simplistic extracellular vesicles transfer model. 2021 , 121, 111813	5
756	An in-depth analysis of novel combinatorial drug therapy via nanocarriers against HIV/AIDS infection and their clinical perspectives: a systematic review. 2021 , 18, 1025-1046	2
755	Advances in Our Understanding of the Molecular Mechanisms of Action of Cisplatin in Cancer Therapy. 2021 , 13, 303-328	32
754	An Overview on the Development of mRNA-Based Vaccines and Their Formulation Strategies for Improved Antigen Expression In Vivo. 2021 , 9,	7
753	Lipidated Peptidomimetic Ligand-Functionalized HER2 Targeted Liposome as Nano-Carrier Designed for Doxorubicin Delivery in Cancer Therapy. 2021 , 14,	4
752	Nanotechnology and Animal Health. 2021 , 9, 26-35	0
751	Anti-CD44-Conjugated Olive Oil Liquid Nanocapsules for Targeting Pancreatic Cancer Stem Cells. 2021 , 22, 1374-1388	9
750	Current status and future of delivery systems for prevention and treatment of infections in the oral cavity. 2021 , 11, 1703-1734	3
749	Nanomedicine to modulate immunotherapy in cutaneous melanoma (Review). 2021 , 21, 535	4
748	Alzheimer's Disease: Pathogenesis and Therapeutic interventions. 2021 ,	3
747	Functionalizing Liposomes with Dual Aptamers for Targeting of Breast Cancer Cells and Cancer Stem Cells. 2021 , 27, 1-11	
746	Drug Carriers: Classification, Administration, Release Profiles, and Industrial Approach. 2021 , 9, 470	19
745	Effects of nano-chitosan coatings incorporating with free /nano-encapsulated cumin (Cuminum cyminum L.) essential oil on quality characteristics of sardine fillet. 2021 , 341, 109047	28

744	The Limitless Future of RNA Therapeutics. 2021 , 9, 628137	67
743	Hydroxycamptothecin (HCPT)-loaded PEGlated lipid-polymer hybrid nanoparticles for effective delivery of HCPT: QbD-based development and evaluation. 2021 , 1	5
742	Peptide functionalized liposomes for receptor targeted cancer therapy. 2021 , 5, 011501	14
741	Paclitaxel loading in cationic liposome vectors is enhanced by replacement of oleoyl with linoleoyl tails with distinct lipid shapes. 2021 , 11, 7311	4
740	An mRNA vaccine against SARS-CoV-2: Lyophilized, liposome-based vaccine candidate EG-COVID induces high levels of virus neutralizing antibodies.	5
739	Current strategies for oral delivery of BCS IV drug nanocrystals: challenges, solutions and future trends. 2021 , 18, 1211-1228	0
738	Biodistribution and Pharmacokinetics of Liposomes and Exosomes in a Mouse Model of Sepsis. 2021 , 13,	9
737	The Development and Optimization of Hot-Melt Extruded Amorphous Solid Dispersions Containing Rivaroxaban in Combination with Polymers. 2021 , 13,	1
736	Advances in nano-biomaterials and their applications in biomedicine. 2021 , 5, 169-176	4
735	Strategic targeting of non-small-cell lung cancer utilizing genetic material-based delivery platforms of nanotechnology. 2021 , 35, e22784	2
734	Nanomedicine-based antimicrobial peptide delivery for bacterial infections: recent advances and future prospects. 2021 , 51, 377	9
733	A review of the nanomaterials use for the diagnosis and therapy of salmonella typhi. 2021 , 1230, 129928	18
732	Borneol-modified tanshinone IIA liposome improves cerebral ischemia reperfusion injury by suppressing NF- κ B and ICAM-1 expression. 2021 , 47, 609-617	2
731	New Insights and Novel Therapeutic Potentials for Macrophages in Myocardial Infarction. 2021 , 44, 1696-1712	9
730	Formulation of chitosan coated nanoliposomes for the oral delivery of colistin sulfate: characterization, Tc-radiolabeling and biodistribution studies. 2021 , 47, 626-635	6
729	Emerging advances in cationic liposomal cancer nanovaccines: opportunities and challenges. 2021 , 13, 491-507	4
728	Translating Research for the Radiotheranostics of Nanotargeted Re-Liposome. 2021 , 22,	0
727	Recent Advances in Asialoglycoprotein Receptor and Glycyrrhetic Acid Receptor-Mediated and/or pH-Responsive Hepatocellular Carcinoma- Targeted Drug Delivery. 2021 , 28, 1508-1534	4

726	Self-assembled ultrasmall silver nanoclusters on liposome for topical antimicrobial delivery. 2021 , 200, 111618	2
725	Recent update of toxicity aspects of nanoparticulate systems for drug delivery. 2021 , 161, 100-119	29
724	Characterization and Pharmacokinetic Evaluation of Oxaliplatin Long-Circulating Liposomes. 2021 , 2021, 5949804	2
723	Controllable drug release of pH-sensitive liposomes encapsulating artificial cytosol system.	
722	Design of liposomes as drug delivery system for therapeutic applications. 2021 , 601, 120571	81
721	Mesenchymal stem cell alongside exosomes as a novel cell-based therapy for COVID-19: A review study. 2021 , 226, 108712	10
720	Nanomaterials for cancer therapy: current progress and perspectives. 2021 , 14, 85	74
719	Fate of Antibody-Targeted Ultrasmall Gold Nanoparticles in Cancer Cells after Receptor-Mediated Uptake. 2021 , 15, 9495-9508	2
718	Current Status of Brain Tumor in the Kingdom of Saudi Arabia and Application of Nanobiotechnology for Its Treatment: A Comprehensive Review. 2021 , 11,	1
717	Oral delivery of all-trans retinoic acid mediated by liposome carriers. 2021 , 201, 111655	5
716	Biotin-modified oligochitosan-F127 micelles for honokiol [®] encapsulation. 2021 , 23, 1	1
715	Lignin, lipid, protein, hyaluronic acid, starch, cellulose, gum, pectin, alginate and chitosan-based nanomaterials for cancer nanotherapy: Challenges and opportunities. 2021 , 178, 193-228	14
714	Integrin α -targeted liposomal drug delivery system for enhanced lung cancer therapy. 2021 , 201, 111623	8
713	Stable vesicle self-assembled from phospholipid and mannosylerythritol lipid and its application in encapsulating anthocyanins. 2021 , 344, 128649	7
712	Loading of capsaicin-in-cyclodextrin inclusion complexes into PEGylated liposomes and the inhibitory effect on IL-8 production by MDA-MB-231 and A549 cancer cell lines. 2021 , 76, 503-514	1
711	Co-delivery of TRAIL and paclitaxel by fibronectin-targeting liposomal nanodisk for effective lung melanoma metastasis treatment. 1	3
710	Antiviral biomaterials. 2021 , 4, 1892-1918	5
709	NANO-BIOTECHNOLOGY AND ITS INNOVATIVE PERSPECTIVE IN DIABETES MANAGEMENT. 2021 ,	1

708	Colorectal cancer: A comprehensive review based on the novel drug delivery systems approach and its management. 2021 , 63, 102532	1
707	Molecular Perspective of Nanoparticle Mediated Therapeutic Targeting in Breast Cancer: An Odyssey of Endoplasmic Reticulum Unfolded Protein Response (UPR) and Beyond. 2021 , 9,	2
706	Insights on the polypyrrole based nanoformulations for photodynamic therapy. 2021 , 25, 605-622	1
705	Integrin Targeting DGEA-Modified Liposomal Doxorubicin Enhances Antitumor Efficacy against Breast Cancer. 2021 , 18, 2634-2646	2
704	Lipid membrane-based therapeutics and diagnostics. 2021 , 704, 108858	1
703	Nucleoside transporter-guided cytarabine-conjugated liposomes for intracellular methotrexate delivery and cooperative choriocarcinoma therapy. 2021 , 19, 184	3
702	Alendronate-functionalized hypoxia-responsive polymeric micelles for targeted therapy of bone metastatic prostate cancer. 2021 , 334, 303-317	13
701	Nanoscale pathogens treated with nanomaterial-like peptides: a platform technology appropriate for future pandemics. 2021 , 16, 1237-1254	4
700	Interrogating preclinical study of liposomes: The effect of mouse strain reexamined. 2021 , 334, 178-187	3
699	Neurotrophic Factors in Parkinson's Disease: Clinical Trials, Open Challenges and Nanoparticle-Mediated Delivery to the Brain. 2021 , 15, 682597	7
698	Photodynamic creation of artificial tumor microenvironments to collectively facilitate hypoxia-activated chemotherapy delivered by coagulation-targeting liposomes. 2021 , 414, 128731	7
697	Nanotraps for the containment and clearance of SARS-CoV-2. 2021 , 4, 2059-2082	14
696	mRNA Delivery by a pH-Responsive DNA Nano-Hydrogel. 2021 , 17, e2101224	16
695	Production and isolation of pharmaceutical drug nanoparticles. 2021 , 603, 120708	7
694	Intracellular Routing and Recognition of Lipid-Based mRNA Nanoparticles. 2021 , 13,	5
693	Nuclear Magnetic Resonance Spectroscopy: A Multifaceted Toolbox to Probe Structure, Dynamics, Interactions, and Real-Time Release Kinetics in Peptide-Liposome Formulations. 2021 , 18, 2521-2539	2
692	Recent Advances in Nanoparticle-Based Cancer Treatment: A Review. 2021 , 4, 6441-6470	17
691	Development of a new methodology to determine size differences of nanoparticles with nanoparticle tracking analysis. 2021 , 11, 2129-2141	2

690	Artificial Protein Coronas Enable Controlled Interaction with Corneal Epithelial Cells: New Opportunities for Ocular Drug Delivery. 2021 , 13,	1
689	Lipid Nanoparticles-From Liposomes to mRNA Vaccine Delivery, a Landscape of Research Diversity and Advancement. 2021 ,	133
688	Escaping the endosome: assessing cellular trafficking mechanisms of non-viral vehicles. 2021 , 335, 465-480	15
687	Consideration for the scale-up manufacture of nanotherapeutics: A critical step for technology transfer. 2021 , 2, 20200190	6
686	Molecular Display on Protein Nanocompartments: Design Strategies and Systems Applications.	0
685	Polyacrylate-GnRH Peptide Conjugate as an Oral Contraceptive Vaccine Candidate. 2021 , 13,	3
684	Bacterial Quorum Sensing Signals Promote Large-Scale Remodeling of Lipid Membranes. 2021 , 37, 9120-9136	4
683	Designing organotrialkoxysilane-functionalized microscale enzyme carrier: Spherical polymersomes with tunable catalytic potential. 2021 , 36, 3010-3020	
682	Drug transport kinetics of intravascular triggered drug delivery systems. 2021 , 4, 920	7
681	Inhalable liposomes for treating lung diseases: clinical development and challenges. 2021 , 16,	2
680	An Updated Risk Assessment as Part of the QbD-Based Liposome Design and Development. 2021 , 13,	3
679	Stiffness-tuneable nanocarriers for controlled delivery of ASC-J9 into colorectal cancer cells. 2021 , 594, 513-521	9
678	Surface Biomodification of Liposomes and Polymersomes for Efficient Targeted Drug Delivery. 2021 , 32, 1491-1502	6
677	Colloidal and vesicular delivery system for herbal bioactive constituents. 2021 , 29, 415-438	2
676	Peptide-based supramolecular hydrogels for local drug delivery. 2021 , 174, 482-503	18
675	Theranostic Applications of Nanomaterials in the Field of Cardiovascular Diseases. 2021 ,	1
674	Synergetic delivery of triptolide and Ce6 with light-activatable liposomes for efficient hepatocellular carcinoma therapy. 2021 , 11, 2004-2015	31
673	Drug delivery systems for the photodynamic application of two photosensitizers belonging to the porphyrin family. 2021 , 20, 1011-1025	3

672	Ex vivo dendritic cell-based (DC) vaccine pulsed with a low dose of liposomal antigen and CpG-ODN improved PD-1 blockade immunotherapy. 2021 , 11, 14661	6
671	Liposomes for malaria management: the evolution from 1980 to 2020. 2021 , 20, 327	3
670	Pharmaceutical Formulations with P-Glycoprotein Inhibitory Effect as Promising Approaches for Enhancing Oral Drug Absorption and Bioavailability. 2021 , 13,	15
669	Effectiveness of a proteoliposome-based vaccine against salmonid rickettsial septicaemia in <i>Oncorhynchus mykiss</i> . 2021 , 52, 111	1
668	Cancer immunotherapy from biology to nanomedicine. 2021 , 336, 410-432	3
667	Recent advances in lung cancer therapy based on nanomaterials: a review. 2021 ,	1
666	Liposomal Dexamethasone Reduces A/H1N1 Influenza-Associated Morbidity in Mice.	
665	Aptamer functionalized nanomaterials for biomedical applications: Recent advances and new horizons. 2021 , 39, 101177	28
664	The Application of Organic Nanomaterials for Bioimaging, Drug Delivery, and Therapy: Spanning Various Domains. 2021 , 15, 8-28	6
663	Skin cancer therapeutics: nano-drug delivery vectors present and beyond. 2021 , 7,	3
662	Improvement of Pulmonary Photodynamic Therapy: Nebulisation of Curcumin-Loaded Tetraether Liposomes. 2021 , 13,	4
661	Ultrasound-Enabled Therapeutic Delivery and Regenerative Medicine: Physical and Biological Perspectives. 2021 , 7, 4371-4387	1
660	Imaging Strategy that Achieves Ultrahigh Contrast by Utilizing Differential Esterase Activity in Organs: Application in Early Detection of Pancreatic Cancer. 2021 ,	4
659	Negatively-charged liposome nanoparticles can prevent dyslipidemia and atherosclerosis progression in the rabbit model. 2021 ,	0
658	Recent Nanocarrier Approaches for Targeted Drug Delivery in Cancer Therapy. 2021 , 14, 350-366	1
657	Liposome Photosensitizer Formulations for Effective Cancer Photodynamic Therapy. 2021 , 13,	9
656	Extracellular vesicles as a drug delivery system: A systematic review of preclinical studies. 2021 , 175, 113801	24
655	Trends in liposomal nanocarrier strategies for the oral delivery of biologics. 2021 , 16, 1813-1832	2

654	Organic Sonosensitizers for Sonodynamic Therapy: From Small Molecules and Nanoparticles toward Clinical Development. 2021 , 17, e2101976	16
653	On the Development of a Cutaneous Flavonoid Delivery System: Advances and Limitations. 2021 , 10,	3
652	Dynamic nanoassembly-based drug delivery system (DNDDS): Learning from nature. 2021 , 175, 113830	6
651	Liposome-based delivery of biological drugs. 2021 ,	11
650	Recent Advances and Challenges in Nanodelivery Systems for Antimicrobial Peptides (AMPs). 2021 , 10,	7
649	Insulin-loaded liposomes functionalized with cell-penetrating peptides: influence on drug release and permeation through porcine nasal mucosa. 2021 , 622, 126624	4
648	Alginate-azo/chitosan nanocapsules in vitro drug delivery for hepatic carcinoma cells: UV-stimulated decomposition and drug release based on trans-to-cis isomerization. 2021 , 187, 214-222	3
647	Application of Non-Viral Vectors in Drug Delivery and Gene Therapy. 2021 , 13,	6
646	Recent progress in the preparation, chemical interactions and applications of biocompatible polysaccharide-protein nanogel carriers. 2021 , 147, 110564	9
645	Liposomes: Ideal drug delivery systems in breast cancer. 2021 ,	1
644	EDTA-Gradient Loading of Doxorubicin into Ferrocene-Containing Liposomes: Effect of Lipid Composition and Visualization of Triggered Release by Cryo-TEM. 2021 , 37, 11222-11232	0
643	Recent advances in ruthenium(II) and iridium(III) complexes containing nanosystems for cancer treatment and bioimaging. 2021 , 443, 214016	14
642	Advances in Thiopurine Drug Delivery: The Current State-of-the-Art. 2021 , 46, 743-758	2
641	Diabetic eye: associated diseases, drugs in clinic, and role of self-assembled carriers in topical treatment. 2021 , 18, 1589-1607	1
640	Nanoparticle-Based Drug Delivery System: The Magic Bullet for the Treatment of Chronic Pulmonary Diseases. 2021 , 18, 3671-3718	9
639	Nucleic acid delivery for therapeutic applications. 2021 , 178, 113834	16
638	Preparation and characterization of withaferin A loaded pegylated nanoliposomal formulation with high loading efficacy: In vitro and in vivo anti-tumour study. 2021 , 128, 112335	0
637	mRNA-Based Cancer Vaccines: A Therapeutic Strategy for the Treatment of Melanoma Patients. 2021 , 9,	12

636	Expanding the bio-catalysis scope and applied perspectives of nanocarrier immobilized asparaginases. 2021 , 11, 453	2
635	Engineering Nano- and Microparticles as Oral Delivery Vehicles to Promote Intestinal Lymphatic Drug Transport. 2021 , e2104139	2
634	Fabrication of a multi-level drug release platform with liposomes, chitooligosaccharides, phospholipids and injectable chitosan hydrogel to enhance anti-tumor effectiveness. 2021 , 269, 118322	3
633	An Epigallocatechin-3-gallate Formulation Developed for Endodontic Use: A Physicochemical and Biological Evaluation. 2021 , 47, 1640-1650	0
632	Surface engineered nanocarriers for the management of breast cancer. 2021 , 130, 112441	14
631	A review of synthetic bioactive tetrahydro- β -carbolines: A medicinal chemistry perspective. 2021 , 225, 113815	4
630	Calcium phosphate-polymeric nanoparticle system for co-delivery of microRNA-21 inhibitor and doxorubicin. 2021 , 208, 112061	2
629	Biomaterials and devices for immunotherapy. 2022 , 97-133	
628	Nanotechnology and Its Implication in Antiviral Drug Delivery. 2021 , 169-207	
627	Application of Drug Liposomes in the Hormone Therapy. 2021 , 475-488	
626	Chapter 20:Liposomes in Targeted Drug Delivery. 2021 , 499-517	0
625	Regulation of exosome production and cargo sorting. 2021 , 17, 163-177	44
624	Hybrid lipopolymer vesicle drug delivery and release systems. 2021 , 35, 301-309	3
623	Visualized podocyte-targeting and focused ultrasound responsive glucocorticoid nano-delivery system against immune-associated nephropathy without glucocorticoid side effect. 2021 , 11, 2670-2690	3
622	Nanovaccine: A Modern Approach to Vaccinology. 2021 , 57-74	
621	Doxorubicin Hydrochloride-Loaded Nonionic Surfactant Vesicles to Treat Metastatic and Non-Metastatic Breast Cancer. 2021 , 6, 2973-2989	5
620	From the nose to the brain, nanomedicine drug delivery. 2021 , 153-180	2
619	Evaluation of Nanotargeted In-Cyclic RGDfK-Liposome in a Human Melanoma Xenotransplantation Model. 2021 , 22,	0

618	Overcoming the Mucosal Barrier: Tetraether Lipid-Stabilized Liposomal Nanocarriers Decorated with Cell-Penetrating Peptides Enable Oral Delivery of Vancomycin. 2021 , 4, 2000247	3
617	Integrated Development of Glycobiologics: from Discovery to Applications in the Design of Nanoparticulate Drug Delivery Systems. 1	1
616	Liposome as efficient system for intracellular delivery of bioactive molecules. 191-213	1
615	Glyco-Functionalized Liposomes. 211-232	3
614	Electrospun Biopolymer Nanofibers and Their Composites for Drug Delivery Applications. 275-298	1
613	AI Egenlipid structures: Assembly and biological applications. 2020 , 1, 69-79	12
612	Targeted Drug Delivery to the Tumor Neovasculature. 2008 , 283-297	4
611	Use of Radiolabeled Liposomes for Tumor Imaging. 2008 , 211-236	1
610	Iodinated Liposomes as Contrast Agents. 2008 , 371-410	1
609	Supramolecular aggregates derivatized by CCK8 peptide as selective nanocarriers for drug delivery. 2009 , 611, 603-4	2
608	Nanoparticles for Cancer Diagnosis and Therapy. 2009 , 209-235	5
607	Optical Properties and Applications of Shape-Controlled Metal Nanostructures. 2012 , 205-238	2
606	Nonviral Gene Delivery for Applications in Regenerative Medicine. 2012 , 285-319	1
605	Nanomedicine in Cancer Diagnosis and Therapy: Converging Medical Technologies Impacting Healthcare. 2014 , 365-384	1
604	Liposomes. 2013 , 27-63	7
603	Prolonged Duration Local Anesthesia. 2014 , 653-677	4
602	The Mathematics of Drug Delivery. 2014 , 109-123	2
601	Cardiovascular Nanomedicine: Materials and Technologies. 2016 , 251-277	1

600	Cyclodextrin-Based Drug Carriers for Low Molecular Weight Drugs, Proteins, and Nucleic Acids. 2016 , 27-45	2
599	Long-Circulating, pH-Sensitive Liposomes. 2017 , 1522, 209-226	4
598	Advanced Contrast Agents for Multimodal Biomedical Imaging Based on Nanotechnology. 2018 , 1718, 441-457	4
597	Genetically Engineered S-Layer Proteins and S-Layer-Specific Heteropolysaccharides as Components of a Versatile Molecular Construction Kit for Applications in Nanobiotechnology. 2008 , 55-86	6
596	Archaeobacterial tetraetherlipid liposomes. 2010 , 605, 87-96	4
595	Integrated platform for brain imaging and drug delivery across the blood-brain barrier. 2011 , 686, 465-81	17
594	Hydrogel templates for the fabrication of homogeneous polymer microparticles. 2011 , 726, 179-85	8
593	Chemically selective liposome surface glyco-functionalization. 2011 , 751, 269-80	6
592	Production of Phage Therapeutics and Formulations: Innovative Approaches. 2019 , 3-41	1
591	Antimicrobial Activity of Nanomaterials. 2020 , 147-185	1
590	Disperse Systems: Emulsions. 2019 , 111-121	3
589	Passive vs. Active Targeting: An Update of the EPR Role in Drug Delivery to Tumors. 2014 , 3-45	3
588	Targeted Liposomes and Micelles as Carriers for Cancer Therapy. 2014 , 95-122	0
587	Nanotoxicity of Nanobiomaterials in Ocular System and Its Evaluation. 2016 , 495-533	2
586	Spironolactone-Loaded Liposomes Produced Using a Membrane Contactor Method: An Improvement of the Ethanol Injection Technique. 2012 , 23-28	3
585	Vesicles and Composite Particles by Rotating Membrane Pore Extrusion. 2014 , 77-96	1
584	Nanofield. 2017 , 1-123	2
583	Curcumin-Loaded Nanoparticles and Their Potential as Anticancer Agents in Breast Cancer. 2019 , 147-178	2

582	Vitamin-Loaded Nanocarriers as Nutraceuticals in Healthcare Applications. 2020 , 451-470	4
581	Nanotechnology-Based Phytotherapeutics: Current Status and Challenges. 2020 , 1-17	1
580	Membrane-core nanoparticles for cancer nanomedicine. 2020 , 156, 23-39	23
579	Adapting liposomes for oral drug delivery. 2019 , 9, 36-48	215
578	In vitro and in vivo evaluation of organic solvent-free injectable melatonin nanoformulations. 2020 , 152, 248-256	10
577	Metformin-loaded chitosomes for treatment of malignant pleural mesothelioma - A rare thoracic cancer. 2020 , 160, 128-141	14
576	3D-printed microfluidic chip for the preparation of glycyrrhetic acid-loaded ethanolic liposomes. 2020 , 584, 119436	9
575	Advances in liposomal drug delivery to cancer: An overview. 2020 , 56, 101549	60
574	Effect of quercetin loaded liposomes or nanostructured lipid carrier (NLC) on post-thawed sperm quality and fertility of rooster sperm. 2020 , 152, 122-128	16
573	Smart Ultrasound-Triggered Doxorubicin-Loaded Nanoliposomes With Improved Therapeutic Response: A Comparative Study. 2020 , 109, 2567-2576	4
572	MR molecular imaging of tumor vasculature and vascular targets. 2010 , 69, 1-30	22
571	Efficient Fabrication of Polymer Shell Colloidosomes by a Spray Drying Process. 2021 , 60, 324-332	4
570	Ferrocene Functionalized Upconversion Nanoparticle Nanosystem with Efficient Near-Infrared-Light-Promoted Fenton-Like Reaction for Tumor Growth Suppression. 2020 , 59, 9177-9187	10
569	and Study of Amphotericin B Formulation with Quaternized Bioreducible Lipidoids. 2020 , 6, 1064-1073	9
568	Chapter 17:Overview of Antimicrobial Resistance and Nanoparticulate Drug Delivery Approach to Combat Antimicrobial Resistance. 2019 , 481-516	1
567	CHAPTER 1:Fundamentals of Stimuli-responsive Drug and Gene Delivery Systems. 1-32	8
566	CHAPTER 15:Smart Drug Delivery from Silica Nanoparticles. 2013 , 63-89	6
565	Chapter 1:Historical View of the Design and Development of Nanocarriers for Overcoming Biological Barriers. 2012 , 3-36	6

564	Chapter 2.2:NANOSTRUCTURES OVERCOMING THE INTESTINAL BARRIER: DRUG DELIVERY STRATEGIES. 2012 , 63-90	2
563	Chapter 8.1:Overcoming Biological Barriers with Parenteral Nanomedicines: Physiological and Mechanistic Issues. 2012 , 435-455	1
562	Sialic acid-conjugate modified liposomes targeting neutrophils for improved tumour therapy. 2020 , 8, 2189-2201	17
561	Encapsulated virgin coconut oil as a nanoscale in vitro solution against multiple drug resistant Staphylococcus aureus. 2021 , 16, 9-15	1
560	Self-Assembled chitosan/phospholipid nanoparticles: from fundamentals to preparation for advanced drug delivery. 2020 , 27, 200-215	17
559	Improvement of the pharmacokinetic characteristics of liposomal doxorubicin using CD47 biomimickry. 2021 , 73, 169-177	4
558	Preparation of PLGA Nanoparticles Encapsulated with Fluorescent Probe Coumarin-6.	1
557	A review on herbal drug loaded into pharmaceutical carrier techniques and its evaluation process. 2020 , 6,	5
556	Coupling of Peptides to the Surface of Liposomes□ Application to Liposome-Based Synthetic Vaccines. 2006 , 111-130	2
555	Recent Developments in Boron Neutron Capture Therapy Driven by Nanotechnology. 2016 , 167-184	3
554	Modular Biomimetic Drug Delivery Systems. 2013 , 85-122	2
553	Future Trends in Nanophotonics. 2013 , 427-470	1
552	Activation of latent HIV using drug-loaded nanoparticles. 2011 , 6, e18270	67
551	Intravenous delivery of targeted liposomes to amyloid-β pathology in APP/PSEN1 transgenic mice. 2012 , 7, e48515	44
550	Tumor burden talks in cancer treatment with PEGylated liposomal drugs. 2013 , 8, e63078	21
549	Facile synthesis of phosphatidyl saccharides for preparation of anionic nanoliposomes with enhanced stability. 2013 , 8, e73891	14
548	Liposome-encapsulated ISMN: a novel nitric oxide-based therapeutic agent against Staphylococcus aureus biofilms. 2014 , 9, e92117	32
547	Cry protein crystals: a novel platform for protein delivery. 2015 , 10, e0127669	14

546	Resuscitation Using Liposomal Vasopressin in an Animal Model of Uncontrolled Hemorrhagic Shock. 2015 , 10, e0130655	0
545	Computational Modeling of Tumor Response to Drug Release from Vasculature-Bound Nanoparticles. 2015 , 10, e0144888	34
544	Preparation and Evaluation of Oxaliplatin Thermosensitive Liposomes with Rapid Release and High Stability. 2016 , 11, e0158517	17
543	Use of short interfering RNA delivered by cationic liposomes to enable efficient down-regulation of PTPN22 gene in human T lymphocytes. 2017 , 12, e0175784	17
542	Anti-angiogenic drug loaded liposomes: Nanotherapy for early atherosclerotic lesions in mice. 2018 , 13, e0190540	8
541	Development and Characterization of Nanoliposomal Hydroxyurea Against BT-474 Breast Cancer Cells. 2020 , 10, 39-45	4
540	Physical properties of phospholipids. 2012 , 95-139	1
539	Review on targeted drug delivery against intracellular pathogen. 2018 , 6,	1
538	Dawn of advanced molecular medicine: nanotechnological advancements in cancer imaging and therapy. 2014 , 19, 143-76	20
537	Lipid-based nanoparticles as pharmaceutical drug carriers: from concepts to clinic. 2009 , 26, 523-80	588
536	Targeted delivery of nano-PTX to the brain tumor-associated macrophages. 2017 , 8, 6564-6578	29
535	Liposomal co-delivered oleanolic acid attenuates doxorubicin-induced multi-organ toxicity in hepatocellular carcinoma. 2017 , 8, 47136-47153	22
534	Drug-loaded nanoparticle systems and adult stem cells: a potential marriage for the treatment of malignant glioma?. 2013 , 4, 378-96	65
533	Targeted therapy using nanotechnology: focus on cancer. 2014 , 9, 467-83	239
532	Nanotherapeutics in the EU: an overview on current state and future directions. 2014 , 9, 1005-23	116
531	Nanocarriers for tracking and treating diseases. 2013 , 20, 3500-14	25
530	Canonical and non-canonical barriers facing anti-miR cancer therapeutics. 2013 , 20, 3582-93	41
529	The Medicinal Chemistry of Therapeutic Peptides: Recent Developments in Synthesis and Design Optimizations. 2019 , 26, 2330-2355	10

528	Lactoferrin in Bone Tissue Regeneration. 2020 , 27, 838-853	13
527	Monocyte as an Emerging Tool for Targeted Drug Delivery: A Review. 2018 , 24, 5296-5312	8
526	Emerging Strategies in Stimuli-Responsive Nanocarriers as the Drug Delivery System for Enhanced Cancer Therapy. 2019 , 25, 2609-2625	21
525	Lipid-Based Nanosystem As Intelligent Carriers for Versatile Drug Delivery Applications. 2020 , 26, 1167-1180	27
524	Nanomedicines in Diagnosis and Treatment of Cancer: An Update. 2020 , 26, 1216-1231	28
523	Biocompatible Nanovesicular Drug Delivery Systems with Targeting Potential for Autoimmune Diseases. 2020 , 26, 5488-5502	7
522	Crossing the Blood-Brain Barrier: A Review on Drug Delivery Strategies for Treatment of the Central Nervous System Diseases. 2019 , 16, 698-711	8
521	Liposomal Formulation of a Melphalan Lipophilic Prodrug: Studies of Acute Toxicity, Tolerability, and Antitumor Efficacy. 2020 , 17, 312-323	7
520	Recent Advances in Liposomal Drug Delivery System of Quercetin for Cancer Targeting: A Mechanistic Approach. 2020 , 17, 845-860	18
519	PEGylated Nanoliposomes Potentiated Oral Combination Therapy for Effective Cancer Treatment. 2020 , 17, 728-735	3
518	Membrane Derived Vesicles as Biomimetic Carriers for Targeted Drug Delivery System. 2020 , 20, 2472-2492	5
517	Revolutionary impact of nanodrug delivery on neuroscience. 2012 , 10, 370-92	11
516	Nanoparticle-assisted Therapeutic Strategies for Effective Cancer Management. 2020 , 16, 42-50	4
515	Preparation and Characterization of Freeze-dried Liposomes Loaded with Amphotericin B. 2019 , 14, 65-73	4
514	Nanocarrier Mediated siRNA Delivery Targeting Stem Cell Differentiation. 2020 , 15, 155-172	7
513	The Effect of Phase Transition Temperature on Therapeutic Efficacy of Liposomal Bortezomib. 2020 , 20, 700-708	2
512	Recent Patents, Formulation Techniques, Classification and Characterization of Liposomes. 2019 , 13, 17-27	18
511	Preparation and Characterization of Large Unilamellar Vesicles Mixed With Trimethylchitosan (TMC): The Effect of Polyelectrolyte Concentration. 2018 , 12, 134-139	1

510	A new concept for smart drug delivery: adhesion induced nanovector implosion. 2008 , 2, 62-5	6
509	Nanotechnology Based Delivery Systems of Drugs Currently Used to Treat Alzheimer's Disease. 2020 , 10, 228-247	3
508	Current Trends in Phyto-cancer Therapy Using Nanoparticles. 2019 , 9, 30-45	3
507	An overview of techniques for multifold enhancement in solubility of poorly soluble drugs. 2019 , 32, 203-209	6
506	Precision nanomedicine in atherosclerosis therapy: how far are we from reality?. 2018 , 2, 230-244	3
505	Immunological and Toxicological Considerations for the Design of Liposomes. 2020 , 10,	71
504	Gastroretentive drug delivery systems for the treatment of Helicobacter pylori. 2014 , 20, 9321-9	11
503	Liposome-Encapsulated Antimicrobial Peptides. 2015 , 301-332	3
502	Porous carriers for controlled/modulated drug delivery. 2009 , 71, 599-607	96
501	Multidrug Delivery Systems with Single Formulation Current status and Future Perspective. 2012 , 03, 50-60	22
500	Nano/microparticles and ultrasound contrast agents. 2013 , 5, 468-71	13
499	Ultrasound-Triggered Drug Release of Hydroxyapatite Coated Liposomes. 2013 , 57, 493-498	1
498	Drug Release from Thermosensitive Liposomes by High-Intensity Focused Ultrasound. 2014 , 58, 575-579	1
497	Novel Approach for the Treatment of Cancer: Theranostic Nanomedicine. 2012 , 3, 371-376	21
496	Curcumin-loaded PLGA nanoparticles conjugated with anti- P-glycoprotein antibody to overcome multidrug resistance. 2014 , 15, 9249-58	23
495	Cancer Nanoimmunotherapy: Recent Advances and New Opportunities. 2021 , 155-173	
494	Emerging Lipid-Based Nanomaterials for Cancer Theranostics. 2021 , 125-159	1
493	Review: Development of SARS-CoV-2 immuno-enhanced COVID-19 vaccines with nano-platform. 2021 , 1-30	1

492	Ginsenosides emerging as both bifunctional drugs and nanocarriers for enhanced antitumor therapies. 2021 , 19, 322	8
491	The Impact of Bilayer Rigidity on the Release from Magnetoliposomes Vesicles Controlled by PEMFs. 2021 , 13,	2
490	Thermocontrolled Reversible Enzyme Complexation-Inactivation-Protection by Poly(-acryloyl glycinamide). 2021 , 13,	2
489	Stimuli-Responsive Polymeric Nanosystems for Controlled Drug Delivery. 2021 , 11, 9541	0
488	DNA-Directed Patterning for Versatile Validation and Characterization of a Lipid-Based Nanoparticle Model of SARS-CoV-2. 2021 , 8, e2101166	1
487	Vaccines targeting angiogenesis in melanoma. 2021 , 912, 174565	0
486	Stimuli-responsive nanoliposomes as prospective nanocarriers for targeted drug delivery. 2021 , 66, 102916	7
485	Nanotechnology: Towards the detection and treatment of inflammatory diseases. 2006 , 155-176	1
484	Surface Modification of Liposomes Using Comblike Copolymer for Enhancing Stability in Blood Circulation. 2006 , 50, 216-223	
483	Incorporation of Lipophilic Antitumor and Antiviral Drugs into the Lipid Bilayer of Small Unilamellar Liposomes. 2006 , 51-62	
482	Understanding Vesicles and Bio-Inspired Systems with Dissipative Particle Dynamics. 2007 , 529-554	0
481	In Vitro Stability of Liposomes Containing Newly Synthesized Glycolipid. 2007 , 51, 43-50	
480	Nano-Carriers of Drugs and Genes for the Treatment of Restenosis. 2007 , 235-269	
479	Effect of topical Paclitaxel using PEG/PLGA polymer on the animal model of cervical cancer. 2008 , 19, 68	1
478	p53 Inhibitors as Cancer Sensitizing Agents. 2008 , 189-202	
477	Preparation of Protein-coated Cationic Liposomes Containing Doxorubicin and Their Binding Property of Blood Plasma Protein. 2008 , 52, 57-65	
476	Tensile Strength Variation of Binary Tablets Produced by Planetary Ball Milling. 2008 , 38, 1-8	1
475	Physical properties and intracellular uptake of polyethyleneglycol-incorporated cationic liposomes. 2008 , 38, 15-21	

474 Intracellular delivery and anti-tumor activity of polyethyleneglycol liposomes containing cationic lipid. **2008**, 38, 163-169

473 Synthesis of Fluorine-18 Functionalized Nanoparticles for Use as in Vivo Molecular Imaging Agents. **2009**, 237-247 ○

472 Characteristics of stealth-type polymeric nanoparticles encapsulating betamethasone phosphate. **2009**, 24, 394-401

471 Nanotechnology in Pharmaceutical Manufacturing. 1

470 Delivery Systems For Peptides/Oligonucleotides And Lipophilic Nucleoside Analogs. 1

469 Nanotechnologies for Cancer Sensing and Treatment. **2011**, 1-39

468 Delivery Strategies for RNAi to the Nervous System. **2011**, 59-76

467 The Delivery of Drugs [Peptides and Proteins. **2011**, 576-593 ○

466 Intracellular Delivery: A Multifunctional and Modular Approach. **2011**, 199-223

465 Development and Application of Conformation-Selective Integrin Antibodies.

464 Nanoparticle-Mediated Delivery of Angiogenic Inhibitors in Diabetic Retinopathy. **2012**, 304-324

463 Side Excitation of Dye/Liposome-Filled Hollow Core Photonic Crystal Fibers. **2013**,

462 Cancer-Specific LigandReceptor Interactions. **2013**, 461-507

461 Thermodynamically Stable RNA Three-Way Junction for Constructing Multifunctional Nanoparticles for Delivery of Therapeutics. **2013**, 381-406 1

460 Emerging Potential of Nanoparticles for the Treatment of Solid Tumors and Metastasis. **2013**, 1-28

459 Nanoformulations. **2014**, 213-222

458 Cell-Based Drug Delivery for Improving Antiretroviral Therapeutic Outcomes. **2014**, 529-546

457 Nano-Based Drug Delivery Modalities for the Treatment of Cancer: The Formulation of Tumour-Specific and -Targeted Nanoparticles. **2014**, 471-501

456 Nanocarriers and MicroRNA-Based Scenarios for Cancer Therapy. **2014**, 387-411

455 Nanotechnology toward Advancing Personalized Medicine. **2014**, 1-57

454 Introduction. **2014**, 93-102

453 Novel Approach to Control Pathogenic and Harmful Microorganisms in Nonthermal Way: Photosensitization. **2014**, 192-225

452 Porous Silica Nanoparticles for Drug Delivery and Controlled Release. **2014**, 290-327

451 Application of Optimized Gompertz Algorithm for Estimation of Controlled Drug Release. **2014**, 19, 219-225 1

450 Nanomedicine and therapy of lung diseases. **2014**, 12, 531-533

449 SISTEMAS SUPRAMOLECULARES. **2015**, 39-62

448 Nanomedicine. **2015**, 64-89

447 Encyclopedia of Nanotechnology. **2015**, 1-8

446 Pore Growth in a Planar Liquid Membrane. **2015**, 10, 76-82

445 Interaction of nanoparticles with the immune system. **2015**, 94-110

444 Liposomal Membrane Modification, Polymers for. 4348-4368


443 Bioactive Systems. 469-474

442 Cancer Therapy: Polymeric Nanoparticles. 1258-1284

441 Drug Delivery: Tumor-Targeted Systems. 2965-2978

440 Micro- and Nanotechnology. **2016**, 165-198

439 Modular Biomimetic Drug Delivery Systems. 4786-4814

- 438 Effect of Lyophilization on the Size and Polydispersity of Unilamellar and Multilamellar Liposomes. **2016**, 3, 1-4 0
- 437 Encyclopedia of Nanotechnology. **2016**, 1802-1808
- 436 Introduction. **2016**, 1-13
- 435 Encyclopedia of Nanotechnology. **2016**, 2286-2292
- 434 Immunotherapy and Vaccines. **2016**, 441-464
- 433 Historical Introduction to the Field of Controlled Drug Delivery. **2016**, 1-21
- 432 Novel Carriers for Targeted Delivery of Herbal Medicines. **2016**, 523-537
- 431 Chapter 10:Nanogels: Stimuli-responsive Drug Delivery Carriers. **2017**, 161-180
- 430 Liposomes. **2017**, 27-51 1
- 429 Antiretroviral Therapy: Brain Penetration. **2017**, 405-434
- 428 Nanoliposomes as a Platform for Delivery of Antimicrobials. **2017**, 55-90 1
- 427 Nanomedicine. **2017**, 1258-1285
- 426  **2017**, 67-73
- 425 The Biological and Biomedical Nanoparticles-Applications. **2017**, 2, 1
- 424 Nanogels: Chemical Approaches to Preparation. **2017**, 1007-1034
- 423 Bioactive Systems. **2017**, 105-110
- 422 Nanomedicine-Based Delivery to the Posterior Segment of the Eye: Brighter Tomorrow. **2018**, 195-212 1
- 421 Immune Response to PEGylated Nanomedicines: Impact of IgM Response. **2018**, 371-388

- 420 Implications of Nanotechnology in Healthcare. **2018**, 9, 44-57
- 419 Liposome-based targeted delivery of anticancer drugs for effective therapy of brain tumors. **2019**, 43-78
- 418 Bio-based Nanoemulsions: An Eco-safe Approach Towards the Eco-toxicity Problem. **2019**, 1985-2006
- 417 The Use of Bacteriophages in Animal Health and Food Protection. **2019**, 213-256 1
- 416 Nanoparticle-Based Drug Delivery Systems: Promising Approaches Against Bacterial Infections. **2019**, 605-633 4
- 415 Nanotechnology: The Future for Cancer Treatment. **2019**, 389-418
- 414 Perspectives for the Field of Nanovaccines. **2019**, 319-336 1
- 413 Futuristic Methods for Treatment of HIV in the Nervous System. **2019**, 515-527
- 412 Application of Drug Liposomes in the Hormone Therapy. **2019**, 1-14
- 411 Opportunities and Challenges in Targeted Carrier-Based Intracellular Drug Delivery: Increased Efficacy and Reduced Toxicity. **2019**, 403-431
- 410 CELL CARRIERS AS SYSTEMS OF DELIVERY OF ANTITUMOR DRUGS (REVIEW). **2019**, 8, 43-57 1
- 409 Effect of mannose modified chitosan on uptake of nanoparticles by macrophages.
- 408 MAGE-3 peptide amphiphile micelle vaccine promote anti-tumor immunity in mice with stomach cancer.
- 407 Preparation and in vitro release of fluorouracil polylactide glycolide-polyethylene glycol monomethyl ether nanoparticles.
- 406 Preparation of Artesunate mPEG-PLGA Nanoparticles and Its Application to K562 Apoptosis of cells.
- 405 Targeting Fe₃O₄ Au nanoparticles in photoacoustic nuclear magnetic dual-mode imaging.
- 404 Preparation and Characterization of PEGylated C18 Fatty Acids/Anti-SNAP25 Antibody-Targeted Liposomes. **2019**, 13, 129-139 0
- 403 Liposomes-in-Chitosan Hydrogels: Challenges and Opportunities for Biomedical Applications. 1-32

402 In-silico screening of drug candidates for thermoresponsive liposome formulations.

401 Understanding Drug Delivery to the Brain Using Liposome-Based Strategies: Studies that Provide Mechanistic Insights Are Essential. **2021**, 23, 114

4

400 Intra-Organ Delivery of Nanotherapeutics for Organ Transplantation. **2021**,

2

399 Construction of a Novel Doxorubicin Nanomedicine Using Bindarit as a Carrier: A Multiscale Computer Simulation-Assisted Design-Based Study. **2021**, 2021, 1-10

398 Current Understandings and Clinical Translation of Nanomedicines for Breast Cancer Therapy. **2021**, 180, 114034

5

397 Use of Active Salmon-Lecithin Nanoliposomes to Increase Polyunsaturated Fatty Acid Bioavailability in Cortical Neurons and Mice. **2021**, 22,

0

396 Modulation of intrinsic inhibitory checkpoints using nano-carriers to unleash NK cell activity. **2021**, e14073

2

395 Biological perspectives of hybrid nanostructures. **2020**, 33-55

394 Fibrinogen and Fibrin Differentially Regulate the Local Hydrodynamic Environment in Neutrophil-Tumor Cell-Endothelial Cell Adhesion System. **2021**, 11, 79

393 Introduction to Nanomedicine in Drug Delivery. **2020**, 3-26

1

392 Nanotechnology in Medicine. **2020**, 57-64

1

391 Lipid-Based Tumor-targeted Systems. **2020**, 293-336

390 Bionanotechnology in Pharmaceuticals. **2020**, 149-170

389 Polymeric Nanoparticulate Delivery Vehicles of Antimicrobials for Biofilm Eradication. **2020**, 409-429

388 Considerations for the Development of Novel Chemotherapies and Antibody Drug Conjugates in Phase I Trials. **2020**, 185-198

387 Tumor Diagnosis Patterns. **2020**, 87-133

386 On the experimental setup for liposome electroformation. **2020**,

385 Antimicrobial Properties of Nanoparticles (NPS). **2020**, 1, 46-53

384	Insightful exploring of advanced nanocarriers for the topical/transdermal treatment of skin diseases. 2021 , 26, 1136-1157	2
383	Lipid Vesicles and Other Polymolecular Aggregates From Basic Studies of Polar Lipids to Innovative Applications. 2021 , 11, 10345	5
382	DNA Nanodevices: from Mechanical Motions to Biomedical Applications. 2021 ,	1
381	Paeoniflorin-loaded pH-sensitive liposomes alleviate synovial inflammation by altering macrophage polarity via STAT signaling. 2021 , 101, 108310	0
380	Bimodal Liposomes and Paramagnetic QD-Micelles for Multimodality Molecular Imaging of Tumor Angiogenesis. 2008 , 487-512	
379	Enhanced Loading of Paclitaxel in Cationic Liposomes by Replacement of Oleoyl with Linoleoyl Lipid Tails with Benefits in Cancer Therapeutics from In Vitro Studies.	
378	Nanobiomaterials in Craniofacial Bone Regeneration. 2021 , 25-52	
377	A joint reaction coordinate for computing the free energy landscape of pore nucleation and pore expansion in lipid membranes.	
376	Nanoteknoloji ve Nanobiyomalzemeler: Ağız Kanserini Yönetme Yolları-Yeniden Tanımlama.	0
375	Nanobulges: A Duplex Nanosystem for Multidimensional Applications. 2020 , 16, 668-675	0
374	Nanotechnology Assisted Chemotherapy for Targeted Cancer Treatment: Recent Advances and Clinical Perspectives. 2020 , 20, 2442-2458	1
373	Multifunctional Nanoparticles in Precise Cancer Treatment: Considerations in Design and Functionalization of Nanocarriers. 2020 , 20, 2427-2441	2
372	Alsevirone-NF Reduces Serum Testosterone and Inhibits Prostate Cancer Xenograft Growth in Balb/c Nude Mice. 2020 , 7, 113-118	
371	Tumor targeting using liposomal antineoplastic drugs. 2008 , 3, 21-9	40
370	Nanoparticle-conjugated animal venom-toxins and their possible therapeutic potential. 2012 , 3, 15-21	17
369	Ultrasound-enhanced microfluidic synthesis of liposomes. 2010 , 30, 463-6	6
368	Engineering biodegradable nanoparticles for drug and gene delivery. 2013 , 109, 25-30	22
367	Intravesical instillation of pentosan polysulfate encapsulated in a liposome nanocarrier for interstitial cystitis. 2014 , 2, 145-8	5

- 366 Nano Liposomes Labeled with (99m)Tc-HMPAO, a Novel Agent for Blood Pool Imaging. **2015**, 14, 981-8 6
- 365 The role of nanoliposome bilayer composition containing soluble antigen on maturation and activation of dendritic cells. **2018**, 21, 536-545 3
- 364 Immunogenicity and protection effects of cationic liposome containing imiquimod adjuvant on leishmaniasis in BALB/c mice. **2019**, 22, 922-931 5
- 363 [Application of self-propelled micro-/nanomotors in active targeted drug delivery]. **2020**, 40, 445-452
- 362 Current role of nanoparticles in the treatment of lung cancer. **2021**, 7, 140-155 3
- 361 M2-type exosomes nanoparticles for rheumatoid arthritis therapy via macrophage re-polarization. **2021**, 341, 16-30 12
- 360 Liposomes encapsulating artificial cytosol as drug delivery system. **2021**, 281, 106728 4
- 359 Design principles for bacteria-responsive antimicrobial nanomaterials. **2022**, 23, 100606 2
- 358 Recent Advances in Multicellular Tumor Spheroid Generation for Drug Screening. **2021**, 11, 3
- 357 The Role of Genetic Pathways in the Development of Chemoradiation Resistance in Nasopharyngeal Carcinoma (NPC) Patients. **2021**, 12, 0
- 356 Potential of Nanocarrier-Based Drug Delivery Systems for Brain Targeting: A Current Review of Literature. **2021**, 16, 7517-7533 3
- 355 The effects of chitosan containing nano-capsulated Cuminum cyminum essential oil on the shelf-life of veal in modified atmosphere packaging. **2022**, 16, 920 3
- 354 Preparation and Performance Study of COS/PEI@Poly(C)/OVA Nanocomposite Using the Blend System of Chitooligosaccharide and Polyethyleneimine as a Drug Carrier. **2021**, 29, 800-809 0
- 353 Mitochondria-Targeted Nanocarriers Promote Highly Efficient Cancer Therapy: A Review. **2021**, 9, 784602 3
- 352 Phytoplankton Mediated Nanoparticles for Cancer Therapy. **2022**, 143-159
- 351 Hollow microcapsule with pH-sensitive chitosan/polymer shell for in vitro delivery of curcumin and gemcitabine. **2021**, 162, 110887 5
- 350 Hybrid Nanoparticles for Haloperidol Encapsulation: Quid Est Optimum?. **2021**, 13, 2
- 349 Novel isoindigo compound with aggregation-induced emission: Br-Br bonding joint restriction of intramolecular motion and cell imaging properties. **2021**, 17, 9866-9870 0

348	Co-Expression Analysis of microRNAs and Proteins in Brain of Alzheimer's Disease Patients.. 2022 , 11,	1
347	Antibody-Functionalized Carnauba Wax Nanoparticles to Target Breast Cancer Cells.. 2022 ,	1
346	Dynamic Electrochemiluminescence Imaging of Single Giant Liposome Opening at Polarized Electrodes.. 2022 ,	2
345	Insights on magnetic spinel ferrites for targeted drug delivery and hyperthermia applications. 2022 , 11, 372-413	3
344	Multimodal sensing and therapeutic systems for wound healing and management: A review. 2022 , 4, 100075	4
343	Biological Aspects and Clinical Applications of Nanoparticles on Treatment and Prophylaxis of HIV. 2020 , 14, 512-542	0
342	Strategies for Preparing Different Types of Lipid Polymer Hybrid Nanoparticles in Targeted Tumor Therapy. 2021 , 27, 2274-2288	0
341	Iron Oxide Nanoparticles: Tuning to Advanced Nano Drug Delivery. 2020 , 10, 734-747	
340	A review on potential drug delivery system as a treatment of intercellular bacterial infection. 2020 , 1, 13-23	
339	Recent advances in nanoplatforms for the treatment of neuropathic pain.. 2022 ,	0
338	Liposomal bionanomaterials for nucleic acid delivery. 2022 , 327-362	
337	Global regulations and legislations on nanoparticles usage and application in diverse horizons. 2022 ,	
336	Nanobiomaterials for drug delivery and theranostics. 2022 , 25-56	
335	Opsonin-Deficient Nucleoproteic Corona Endows UnPEGylated Liposomes with Stealth Properties .. 2022 ,	5
334	Recent Progress of RGD Modified Liposomes as Multistage Rocket Against Cancer.. 2021 , 12, 803304	6
333	Methylated Tetra-Amide Derivatives of Paramagnetic Complexes for Magnetic Resonance Biosensing with both BIRDS and CEST.. 2021 , e4687	
332	Platelet-mimicking procoagulant nanoparticles augment hemostasis in animal models of bleeding.. 2022 , 14, eabb8975	6
331	A Comprehensive Review on Novel Liposomal Methodologies, Commercial Formulations, Clinical Trials and Patents.. 2022 , 12, 1-18	9

330	Pharmaceutical nanotechnology: from the bench to the market.. 2022 , 8, 12	9
329	Phase transitions of liposomes: When light meets heat.. 2021 ,	1
328	Liposomal-Based Formulations: A Path from Basic Research to Temozolomide Delivery Inside Glioblastoma Tissue.. 2022 , 14,	3
327	Targeted Delivery Methods for Anticancer Drugs.. 2022 , 14,	2
326	Controlled Liposome Delivery from Chitosan-Based Thermosensitive Hydrogel for Regenerative Medicine.. 2022 , 23,	5
325	Biotherapy using sperm cell-oriented transportation of therapeutics in female reproductive tract cancer.. 2022 ,	0
324	B12-functionalized PEGylated liposomes for the oral delivery of insulin: In vitro and in vivo studies. 2022 , 69, 103141	1
323	Targeting extracellular lectins of with glycomimetic liposomes.. 2022 ,	1
322	Regulating trained immunity with nanomedicine.	13
321	High-Throughput Method for the Simultaneous Determination of Doxorubicin Metabolites in Rat Urine after Treatment with Different Drug Nanoformulations.. 2022 , 27,	0
320	Nanoparticle, a promising therapeutic strategy for the treatment of infective endocarditis.. 2022 , 26, 90-99	0
319	Current nano-therapeutic approaches ameliorating inflammation in cancer progression.. 2022 ,	4
318	Recent advance in nanomaterials for cancer immunotherapy. 2022 , 435, 134145	3
317	Nano-formulations in drug delivery. 2022 , 473-491	
316	Combination drug delivery approaches for cancer therapy. 2022 , 213-237	0
315	Macrophage Targeting for Therapy of Intraocular Diseases. 2022 , 415-436	
314	Nanostructured Materials for Cancer Diagnosis and Therapeutics. 2022 , 205-232	
313	Enhancement of antiproliferative potential of metformin against melanoma mice B16 cells using an optimized liposomal drug delivery system.. 2022 ,	

312	Nanomedical drug delivery for neurodegenerative disease. 2022 , 67-79	
311	Self-assembled dipeptide based fluorescent nanoparticles as a platform for developing cellular imaging probes and targeted drug delivery chaperones. 2022 , 4, 1694-1706	3
310	Lipopolyplex-based delivery system for cancer vaccine delivery. 2022 , 193-216	
309	Expansion of targeted drug-delivery systems using microbially sources biosurfactant. 2022 , 105-120	
308	Liposomes as Adjuvants and Vaccine Delivery Systems.. 2022 , 16, 1-20	2
307	Examination of Effective Buccal Absorption of Salmon Calcitonin Using Cell-Penetrating Peptide-Conjugated Liposomal Drug Delivery System.. 2022 , 17, 697-710	1
306	Recent Advances in Nanoplatfoms for the Treatment of Osteosarcoma.. 2022 , 12, 805978	3
305	Liposomes as Tools to Improve Therapeutic Enzyme Performance.. 2022 , 14,	2
304	Platinum Nanoparticles in Biomedicine: Preparation, Anti-Cancer Activity, and Drug Delivery Vehicles.. 2022 , 13, 797804	5
303	The Emerging Role of Ultrasonic Nanotechnology for Diagnosing and Treatment of Diseases.. 2022 , 9, 814986	1
302	Chemical Advances in Therapeutic Application of Exosomes and Liposomes.. 2022 ,	1
301	Rational design of nanocarriers for mitochondria-targeted drug delivery. 2022 ,	4
300	Liposome-encapsulated glycyrrhizin alleviates hyperglycemia and glycation-induced iron-catalyzed oxidative reactions in streptozotocin-induced diabetic rats.. 2022 , 1-10	1
299	The Landscape of Nanovectors for Modulation in Cancer Immunotherapy.. 2022 , 14,	0
298	An On-Demand Drug Delivery System for Control of Epileptiform Seizures.. 2022 , 14,	0
297	Detection of Glutamate Encapsulated in Liposomes by Optical Trapping Raman Spectroscopy.. 2022 , 7, 9701-9709	1
296	The Advances and Challenges of Liposome-Assisted Drug Release in the Presence of Serum Albumin Molecules: The Influence of Surrounding pH.. 2022 , 15,	2
295	A Mini-Review on Nanodelivery Systems as Therapeutics in Cancer. 2022 , 18,	

- 294 Makine öğrenmesi ile Hedefe Yönelik Nanoterapötiklerin Eğitim Parametrelerinin Optimizasyonu.
- 293 CD44-Targeted Nanocarrier for Cancer Therapy.. **2021**, 12, 800481 1
- 292 Paclitaxel-loaded PEGylated Cationic Lipid Nanodiscs and Small Liposomes with Protruding Brush Conformation PEG-chains Show Tumor Penetration and Proapoptotic Caspase-3 Activation.
- 291 Biodegradable Polysarcosine with Inserted Alanine Residues: Synthesis and Enzymolysis.. **2022**, 12, 836397 1
- 290 Advances in Photodynamic Therapy Based on Nanotechnology and Its Application in Skin Cancer.. **2022**, 12, 836397 2
- 289 Bionanoparticles in cancer imaging, diagnosis, and treatment. 20200027 2
- 288 Liposomes as a Novel Drug Delivery System. 30-39
- 287 Triple branched RGD modification on liposomes: A prospective strategy to enhance the glioma targeting efficiency.. **2022**, 60, 116704
- 286 Mitigating off-target distribution and enhancing cytotoxicity in breast cancer cells with alpha-ketoglutaric acid-modified Fe/Mg-CA nanoparticles. 1 0
- 285 Nano-liposomal zein hydrolysate for improved apoptotic activity and therapeutic index in lung cancer treatment.. **2022**, 29, 1049-1059 0
- 284 "Nanocarrier-based dermopharmaceutical formulations for the topical management of atopic dermatitis".. **2022**, 121656 2
- 283 Polymer-Modified Liposomes for Drug Delivery: From Fundamentals to Applications.. **2022**, 14, 116704 5
- 282 Current advances in the use of exosomes, liposomes, and bioengineered hybrid nanovesicles in cancer detection and therapy.. **2022**, 121700 4
- 281 Evaluation of pentaerythritol-based and trimethylolpropane-based cationic lipidic materials for gene delivery.. **2022**, 62, 128635 0
- 280 Template-Assisted Antibody Assembly: A Versatile Approach for Engineering Functional Antibody Nanoparticles. 1
- 279 Impact of Critical Process Parameters and Critical Material Attributes on the Critical Quality Attributes of Liposomal Formulations Prepared Using Continuous Processing.. **2022**, 121700 0
- 278 Therapeutic Nanoparticles: Advantages and Toxicity. **2022**, 1, 19-37
- 277 Emerging nanoformulation strategies for phytochemicals and applications from drug delivery to phototherapy to imaging.. **2022**, 14, 182-205 2

- 276 Extracellular Vesicles as Intercellular Communication Vehicles in Regenerative Medicine.
- 275 Design and Application of Near-Infrared Nanomaterial-Liposome Hybrid Nanocarriers for Cancer Photothermal Therapy.. **2021**, 13, 2
- 274 Biomedical Applications of Nano-Engineered Enzymes: Current Status and Future Direction. **2022**, 389-426 0
- 273 Microfluidic production of liposomes through liquid-liquid phase separation in ternary droplets. 1
- 272 Characteristics and Stability Assessment of Therapeutic Methionine Methyltransferase-Loaded Polyionic Vesicles.. **2022**, 7, 959-967 1
- 271 NANO-BASED THERAPY FOR TREATMENT OF SKIN CARCINOMA. **2021**, 58, 7-17
- 270 Nanoparticle-Based RNAi Therapeutics Targeting Cancer Stem Cells: Update and Prospective.. **2021**, 13, 1
- 269 Zein-Based Nanoparticles as Oral Carriers for Insulin Delivery.. **2021**, 14, 3
- 268 Fluorescence Microscopy-An Outline of Hardware, Biological Handling, and Fluorophore Considerations.. **2021**, 11, 8
- 267 Current view on novel vaccine technologies to combat human infectious diseases. **2021**, 106, 25 6
- 266 Improved pulmonary drug delivery through nanocarriers. **2022**, 103-133
- 265 Understanding the Pharmacology and Pharmacotherapeutics for Infectious Diseases. **2022**, 53-81 0
- 264 Nanomaterials for A431 Epidermoid Carcinoma Treatment. **2022**, 211-235
- 263 Liposomal Dexamethasone Reduces A/H1N1 Influenza-Associated Morbidity in Mice.. **2022**, 13, 845795 0
- 262 Liposomal Drug Delivery And Its Potential Impact On Cancer Research.. **2022**, 2
- 261 Enhanced In Vitro Antiviral Activity of Hydroxychloroquine Ionic Liquids against SARS-CoV-2.. **2022**, 14, 0
- 260 Nanoarchitected Two-dimensional Layered Double Hydroxides-based Nanocomposites for Biomedical Applications.. **2022**, 114270 1
- 259 Design and Development of Lactoferrin Conjugated Lipid-polymer Nano-bio-hybrid for Cancer Theranostics. **2022**, 103548 0

- 258 Recent Advances of Tumor Therapy Based on the CD47-SIRP α Axis.. **2022**, 1
- 257 Nanomedicines encountering HIV dementia: A guiding star for neurotherapeutics. **2022**, 71, 103315
- 256 Chapter 3. Interaction of Cells and Tissue with Substrate Surfaces. 81-135
- 255 Image_1.JPEG. **2018**,
- 254 Video_1.MP4. **2018**,
- 253 Video_2.MP4. **2018**,
- 252 DataSheet_1.pdf. **2019**,
- 251 A Review of Multifunction Smart Nanoparticle based Drug Delivery Systems.. **2022**, 1
- 250 Development and Optimization of Lipid-polymer Hybrid Nanoparticles Containing Melphalan Using Central Composite Design and Its Effect on Ovarian Cancer Cell Lines.. **2021**, 20, 213-228
- 249 Nanotherapeutic systems for drug delivery to brain tumors. **2022**, 217-238
- 248 Nanostructures for the efficient oral delivery of chemotherapeutic agents. **2022**, 419-430
- 247 Nanotechnology Applications in Breast Cancer. **2022**, 442-465 0
- 246 Liposomes in the Targeted Gene Therapy of Cancer: A Critical Review.. **2022**,
- 245 Drug Targeting and Therapeutic Management of Chronic Myeloid Leukemia: Conventional and Nanotherapeutic Drug Options.. **2022**,
- 244 Impact of Zwitterionic Polymers on the Tumor Permeability of Molecular Bottlebrush-Based Nanoparticles.. **2022**, 4
- 243 Tailoring combinatorial lipid nanoparticles for intracellular delivery of nucleic acids, proteins, and drugs. **2022**, 2
- 242 Optimization of a Liposomal DNase I Formulation with an Extended Circulating Half-Life.. **2022**, 0
- 241 Random Copolymers of Lysine and Isoleucine for Efficient mRNA Delivery. **2022**, 23, 5363 1

240	Overview of Application of Nanomaterials in Medical Domain. 2022 , 2022, 1-5	1
239	Astragalus Polysaccharides/PVA Nanofiber Membranes Containing Astragaloside IV-Loaded Liposomes and Their Potential Use for Wound Healing. 2022 , 2022, 1-11	2
238	Sphingomyelin-based PEGylation Cu(DDC) Liposomes Prepared via the Dual Function of Cu for Cancer Therapy: Facilitating DDC Loading and Exerting Synergistic Antitumor Effects.. 2022 , 121788	1
237	Heat-stable liposomes from milk fat globule membrane phospholipids for pH-triggered delivery of hydrophilic and lipophilic bioactives. 2022 , 103030	0
236	Liposomes: structure, composition, types, and clinical applications. 2022 , 8, e09394	14
235	Multifunctional Nanoplatfoms as a Novel Effective Approach in Photodynamic Therapy and Chemotherapy, to Overcome Multidrug Resistance in Cancer. 2022 , 14, 1075	1
234	In vivo stealthified molecularly imprinted polymer nanogels incorporated with gold nanoparticles for radiation therapy.	2
233	Microencapsulation Methods for Food Antioxidants. 2022 , 799-835	
232	Non-metabolic functions of phosphofructokinase-1 orchestrate tumor cellular invasion and genome maintenance under bevacizumab therapy.	
231	Dual Stimuli Responsive Nanoparticle Conjugates for Hypoxia Targeted Drug Delivery.	
230	Lipid nanoparticle steric stabilization roadmap. 2022 ,	
229	Crowding induced morphological changes in synthetic lipid vesicles determined using smFRET.	
228	Semi-Implantable Bioelectronics. 2022 , 14,	3
227	Perspectives of using microRNA-loaded nanocarriers for epigenetic reprogramming of drug resistant colorectal cancers. 2022 ,	0
226	Liposomes: An emerging carrier for targeting Alzheimer's and Parkinson's Diseases. 2022 , e09575	0
225	Liposomal coenzyme Q10 abates inflammation, apoptosis and DNA damage induced by an overdose of paracetamol in rat's liver. 2022 , 102144	0
224	Effect of drug-to-lipid ratio on nanodisc-based tenofovir drug delivery to the brain for HIV-1 infection.	1
223	ROR1 targeted immunoliposomal delivery of OSU-2S shows selective cytotoxicity in t(1;19)(q23;p13) translocated B-cell acute lymphoblastic leukemia. 2022 , 118, 106872	

- 222 Recent advances in versatile inverse lyotropic liquid crystals. **2022**, 348, 1-21 2
- 221 Nanotechnology and Immunomodulators in Cancer. **2022**, 125-186 0
- 220 Pharmaceutical Nanocarriers. **2022**, 802-817
- 219 Venturi-based rapid expansion of supercritical solution (Vent-RESS): synthesis of liposomes for pH-triggered delivery of hydrophilic and lipophilic bioactives. 0
- 218 Multifunctional liposome-quantum dot hybrid nanocarriers for drug targeting to brain tumors. **2022**, 649-677
- 217 Targeted In Vivo Loading of Red Blood Cells Markedly Prolongs Nanocarrier Circulation. 1
- 216 In vivo visualization of fluorescence reflecting CDK4 activity in a breast cancer mouse model. **2022**, 3,
- 215 Liposomal Form of 2,4-Dinitrophenol Lipophilic Derivatives as a Promising Therapeutic Agent for ATP Synthesis Inhibition. **2022**, 12, 2162
- 214 Glycine-Mediated Paclitaxel Dispersion in a Phospholipid Complex. **2022**, 55, 225-229
- 213 Investigation of Gentamicin Release from Polydopamine Nanoparticles. **2022**, 12, 6319 1
- 212 Therapeutic potential of venom peptides: insights in the nanoparticle-mediated venom formulations. **2022**, 8, 1
- 211 Nanotechnology in Vaccine Development and Constraints. **2022**, 1-20
- 210 Subcutaneous delivery of a dendrimer-BH3 mimetic improves lymphatic uptake and survival in lymphoma. **2022**, 348, 420-430 1
- 209 The combinational application of photodynamic therapy and nanotechnology in skin cancer treatment: A review. **2022**, 77, 101856 2
- 208 A pH-stable, mucin based nanoparticle system for the co-delivery of hydrophobic and hydrophilic drugs. **2022**, 215, 102-112 0
- 207 Engineered stem cell biomimetic liposomes carrying levamisole for macrophage immunity reconstruction in leukemia therapy. **2022**, 447, 137582 1
- 206 Modelling Drug Diffusion Through Unstirred Water Layers Allows Real-Time Quantification of Free/Loaded Drug Fractions and Release Kinetics from Colloidal-Based Formulations.
- 205 Regulatory perspectives of nanomaterials for theranostic application. **2022**, 373-384

- 204 Uncovering the limitation of nanodrug delivery system: Backdrop to the game changer. **2022**, 321-342
- 203 Nanocarriers: A boon to the drug delivery systems. **2022**, 555-584
- 202 Emerging Approaches for Enabling RNAi Therapeutics.
- 201 miRNAs are now starring in [No Time to Die : Overcoming the chemoresistance in cancer]
- 200 Lipid-Based Nanocarrier Systems for Drug Delivery: Advances and Applications. **2022**, 04, e43-e60
- 199 Activation of Cellular Players in Adaptive Immunity via Exogenous Delivery of Tumor Cell Lysates. **2022**, 14, 1358
- 198 Recent progress in therapeutic strategies and biomimetic nanomedicines for rheumatoid arthritis treatment. 1-16 2
- 197 US/MR Bimodal Imaging-Guided Bio-Targeting Synergistic Agent for Tumor Therapy. Volume 17, 2943-2960 0
- 196 Nanomaterials-Mediated Therapeutics and Diagnosis Strategies for Myocardial Infarction. 10,
- 195 Multi-target tyrosine kinase inhibitor nanoparticle delivery systems for cancer therapy. **2022**, 100358 2
- 194 MIL-125-based nanocarrier decorated with Palladium complex for targeted drug delivery. **2022**, 12, 1
- 193 Mechanism Study on Nanoparticle Negative Surface Charge Modification by Ascorbyl Palmitate and Its Improvement of Tumor Targeting Ability. **2022**, 27, 4408 0
- 192 A review on structure, preparation and applications of silk fibroin-based nano-drug delivery systems. **2022**, 24, 0
- 191 Development of biodegradable chitosan/ graphene oxide nanocomposite via spray drying method for drug loading and delivery application. **2022**, 74, 103555 3
- 190 Membrane composition of polymer-lipid hybrid vesicles. **2022**, 29, 101549 1
- 189 Successful Applications of Bionanotechnology. **2007**, 67-84
- 188 Extracellular vesicle mimetics: preparation from top-down approaches and biological functions. 2200142 0
- 187 Unfolding the Potency of Adenosine in Targeting Triple Negative Breast Cancer via Paclitaxel-Incorporated pH-Responsive Stealth Liposomes. 0

- 186 Nanovesicles in antiviral drug delivery. **2022**, 399-419
- 185 Liposome Formulation and In Vitro Testing in Non-Physiological Conditions Addressed to Ex Vivo Kidney Perfusion. **2022**, 23, 7999
- 184 siRNA therapeutics and its challenges: Recent advances in effective delivery for cancer therapy. **2022**, 7, 100063
- 183 Self-Assembly of Small Organic Molecules into Luminophores for Cancer Theranostic Applications. **2022**, 12, 683 0
- 182 Designer Liposomic Nanocarriers Are Effective Biofilm Eradicators. 0
- 181 A Nano-Liposomal Formulation of Caffeic Acid Phenethyl Ester Modulates Nrf2 and NF- κ B Signaling and Alleviates Experimentally Induced Acute Pancreatitis in a Rat Model. **2022**, 11, 1536 1
- 180 Review: Recent advances of nanotechnology in brain targeting. **2022**, 18,
- 179 Barnase-Loaded Vaterite Nanoparticles Functionalized by EpCAM Targeting Vectors for the Treatment of Lung Diseases. **2022**, 5, 10744-10754
- 178 Derivatization with fatty acids in peptide and protein drug discovery. 0
- 177 Pressure-dependent fouling behavior during sterile filtration of mRNA-containing lipid nanoparticles. 0
- 176 Impact of Polyethylene Glycol (PEG) Conformations on the In Vivo Fate and Drug Release Behavior of PEGylated Core-Cross-Linked Polymeric Nanoparticles. 2
- 175 Nanomedicine and versatile therapies for cancer treatment. **2022**, 3, 2
- 174 A Critical Scrutiny on Liposomal Nanoparticles Drug Carriers as Modelled by Topotecan Encapsulation and Release in Treating Cancer. **2022**, 2022, 1-7
- 173 Preparation of Giant Quantum Dot-Liposome Complexes by the Asolectin Lipid and Theoretical Model for Stabilization of Nanoparticle Inside the Liposome. **2022**, 12, 1723-1731 1
- 172 Bufotenines-loaded liposome exerts anti-inflammatory, analgesic effects and reduce gastrointestinal toxicity through altering lipid and bufotenines metabolism. **2022**, 153, 113492
- 171 Modelling drug diffusion through unstirred water layers allows real-time quantification of free/loaded drug fractions and release kinetics from colloidal-based formulations. **2022**, 178, 168-178 2
- 170 Comparative analysis of PEG-liposomes and RBCs-derived nanovesicles for anti-tumor therapy. **2022**, 218, 112785 0
- 169 pH dependence of drug release behavior from metal-organic framework particle with different acid-base resistances. **2022**, 542, 121143

168	Emerging nanotherapeutics for facilitating photodynamic therapy. 2023 , 451, 138621	1
167	Green synthesis of hybrid nanoparticles for biomedical applications: A review. 2022 , 11, 100296	1
166	Liposomes- A promising strategy for drug delivery in anticancer applications. 2022 , 76, 103739	0
165	The Role of Nanotechnology for Diagnostic and Therapy Strategies in Lung Cancer. 2022 ,	0
164	Nanoparticles for Tissue Engineering: Type, Properties, and Characterization. 2022 , 1-19	0
163	Formulation of peptides and peptidomimetics. 2022 , 213-234	0
162	A multifunctional theranostics nanosystem featuring self-assembly of alcohol-abuse drug and photosensitizers for synergistic cancer therapy.	0
161	Toxicity of nanomaterials in drug delivery. 2022 , 347-366	0
160	Nanovesicular systems in drug delivery. 2022 , 1-15	5
159	Functionalized liposomes: a nanovesicular system. 2022 , 83-101	0
158	Drug Release, Stability And Efficiency Of Vitamin E Loaded In Liposomes For Bovine Sperm Protection In Cryopreservation Medium. 2022 , 43, 50-57	0
157	Anti-cancer Nanotechnology. 2022 , 1-50	0
156	Process-biomimetic macromolecular materials for in vivo applications. 2023 , 131, 101015	0
155	Nanotechnology and COVID-19 Convergence: Toward New Planetary Health Interventions Against the Pandemic. 2022 , 26, 473-488	0
154	Motile-targeting Drug delivery platforms based on micro/nanorobots for tumor therapy. 10,	2
153	A mucoadhesive patch loaded with freeze-dried liposomes for the local treatment of oral tumors.	0
152	Nanotherapeutics of Phytoantioxidants for Parasitic Diseases and Neglected Tropical Diseases. 2022 , 351-376	0
151	Strategies to assemble therapeutic and imaging molecules into inorganic nanocarriers. 2022 , 16,	0

- 150 Recent advancements on hyperthermia driven controlled drug delivery from nanotherapeutics. **2022**, 16, ○
- 149 A comprehensive review on carrier mediated nose to brain targeting: emphasis on molecular targets, current trends, future prospects, and challenges. 1-13 ○
- 148 Bone Implants (Bone Regeneration and Bone Cancer Treatments). **2022**, 265-321 ○
- 147 Amalgamation of Nanoparticles within Drug Carriers: A Synergistic Approach or a Futile Attempt?. **2022**, 10, ○
- 146 The next generation of sinus stents for chronic rhinosinusitis: A systematic review. **2022**, 6, 161-169 ○
- 145 Recent advances in targeted delivery of non-coding RNA-based therapeutics for atherosclerosis. **2022**, 30, 3118-3132 ○
- 144 The role of artificial cells in the fight against COVID-19: deliver vaccine, hemoperfusion removes toxic cytokines, nanobiotherapeutics lower free radicals and pCO₂ and replenish blood supply. **2022**, 50, 240-251 ○
- 143 Spotlight on Photoactivatable Liposomes beyond Drug Delivery: An Enabler of Multitargeting of Molecular Pathways. 1
- 142 Nanotechnology for targeted drug delivery to treat osteoporosis. **2022**, 23, ○
- 141 Pathological collagen targeting and penetrating liposomes for idiopathic pulmonary fibrosis therapy. **2022**, 351, 623-637 ○
- 140 Bioencapsulation of proteins in therapeutics. **2022**, 155-178 ○
- 139 Synthesis and Biological Use of Nanomaterials. **2022**, 793-858 ○
- 138 Polymeric Micelles for Targeted Drug Delivery Systems. **2022**, 521-559 ○
- 137 A pH-responsive, endosomolytic liposome functionalized with membrane-anchoring, comb-like pseudopeptides for enhanced intracellular delivery and cancer treatment. ○
- 136 Novel Small Multilamellar Liposomes Containing Large Quantities of Peptide Nucleic Acid Selectively Kill Breast Cancer Cells. **2022**, 14, 4806 ○
- 135 Crowding-induced morphological changes in synthetic lipid vesicles determined using smFRET. 10, 1
- 134 Transfer Phenomena of Nanoliposomes by Live Imaging of Primary Cultures of Cortical Neurons. **2022**, 14, 2172 ○
- 133 Ultrasmall Folate Receptor Alpha Targeted Enzymatically Cleavable Silica Nanoparticle Drug Conjugates Augment Penetration and Therapeutic Efficacy in Models of Cancer. ○

132	Suprasomes Based on Host-Guest Molecular Recognition: An Excellent Alternative to Liposome in Cancer Theranostics.	2
131	Nucleic acid nanoassembly-enhanced RNA therapeutics and diagnosis. 2022 ,	0
130	Preparation of water-soluble silicon quantum dots and their optical property.	0
129	Hydroxyl-Rich Hydrophilic Endocytosis-Promoting Peptide with No Positive Charge.	0
128	A spotlight on alkaloid nanoformulations for the treatment of lung cancer. 12 ,	0
127	CRISPR/Cas systems usher in a new era of disease treatment and diagnosis. 2022 , 3 ,	1
126	Suprasomes Based on Host-Guest Molecular Recognition: An Excellent Alternative to Liposome in Cancer Theranostics.	0
125	Micro and nanotechnologies: The little formulations that could.	0
124	Thermosensitive Biomimetic Hybrid Membrane Camouflaged Hollow Gold Nanoparticles for NIR-Responsive Mild-Hyperthermia Chemo-/Photothermal Combined Tumor Therapy.	0
123	The Role of Cryoprotective Agents in Liposome Stabilization and Preservation. 2022 , 23 , 12487	2
122	Artificial Cells: Past, Present and Future. 2022 , 16 , 15705-15733	3
121	Self-Assemblies of DNA - Amphiphiles Nanostructures for New Design Strategies of Varied Morphologies. 2022 , 7 ,	0
120	Harnessing Ultrasound for Targeting Drug Delivery to the Brain and Breaching the Blood-Brain Tumour Barrier. 2022 , 14 , 2231	0
119	Role of Nanotechnology in Overcoming the Multidrug Resistance in Cancer Therapy: A Review. 2022 , 27 , 6608	0
118	New concepts in wound targeting through liposome-based nanocarriers (LBNs). 2022 , 77 , 103878	0
117	Novel serotonin decorated molecularly imprinted polymer nanoparticles based on biodegradable materials; A potential self-targeted delivery system for Irinotecan. 2022 , 181 , 105437	0
116	Introductory overview on liposomes. 2023 , 1-14	0
115	Production of supramolecular aggregates by microfluidic platforms. 2023 , 169-187	0

114	Quality assessment of niosomal suspensions. 2023 , 631, 22-32	0
113	Doxorubicin-Loaded Extracellular Vesicles Enhance Tumor Cell Death in Retinoblastoma. 2022 , 9, 671	0
112	Unsaturated Fatty Acid Liposomes Selectively Regulate Glutathione Peroxidase 4 to Exacerbate Lipid Peroxidation as an Adaptable Liposome Platform for Anti-Tumor Therapy.	0
111	Biomedical Applications of Nanoparticle Ferrites. 2022 , 347-382	0
110	Alzheimer's Disease: Treatment Strategies and Their Limitations. 2022 , 23, 13954	0
109	Penetration and Translocation of Functional Inorganic Nanomaterials into Biological Barriers. 2022 , 114615	1
108	The Therapeutic Potential of Chemo/Thermotherapy with Magnetoliposomes for Cancer Treatment. 2022 , 14, 2443	1
107	Impact of spontaneous liposome modification with phospholipid polymer-lipid conjugates on protein interactions.	0
106	The Progress of Non-Viral Materials and Methods for Gene Delivery to Skeletal Muscle. 2022 , 14, 2428	1
105	Surface Decoration of Peptide Nanoparticles Enables Efficient Therapy toward Osteoporosis and Diabetes. 2210627	0
104	Microbubble-Nanoparticle Complexes for Ultrasound-Enhanced Cargo Delivery. 2022 , 14, 2396	0
103	Evaluation of the transdermal capability of the intrinsic antibacterial cetylpyridinium chloride/cholesterol sterosomes in vitro and in vivo.	0
102	TPGS Decorated Liposomes as Multifunctional Nano-Delivery Systems.	0
101	Liposomes and liposome-like nanoparticles: From anti-fungal infection to the COVID-19 pandemic treatment. 2022 ,	2
100	Delivery of Corn-Derived Nanoparticles with Anticancer Activity to Tumor Tissues by Modification with Polyethylene Glycol for Cancer Therapy.	0
99	Applications and prospects of intra-articular drug delivery system in arthritis therapeutics. 2022 , 352, 946-960	0
98	Artificial cell design: reconstructing biology for life science applications.	1
97	Hydroxyethylcellulose-Based Hydrogels Containing Liposomes Functionalized with Cell-Penetrating Peptides for Nasal Delivery of Insulin in the Treatment of Diabetes. 2022 , 14, 2492	1

96	Conductive polymers and composite-based systems: A quantum leap in the drug delivery arena and therapeutics. 2023 , 485-522	0
95	Recent Progress in Nanomedicines for Imaging and Therapy of Brain Tumors.	0
94	Nanotechnology for the treatment of cancer: progress and challenges. 2023 , 285-307	0
93	Polymer- and lipid-based gene delivery technology for CAR T cell therapy. 2023 , 353, 196-215	0
92	Storage stability, heat stability, controlled release and antifungal activity of liposomes as alternative fungal preservation agents. 2023 , 51, 102281	0
91	Understanding the Stealth Properties of PEGylated lipids: A Mini-Review. 2020 , 1, 1-20	2
90	Nanotechnology-Assisted Immunoengineering for Cancer Vaccines. 2200080	0
89	Preclinical toxicity assessment of anionic nanoliposomes. 2022 ,	0
88	Lipid carriers for mRNA delivery. 2022 ,	2
87	Chlorotoxin and Lung Cancer: A Targeting Perspective for Drug Delivery. 2022 , 14, 2613	0
86	Scope and challenges of nanoparticle-based mRNA delivery in cancer treatment. 2022 , 45, 865-893	1
85	Nanocarriers and their Types for Targeted Drug Delivery. 21-28	0
84	Self-assembled endogenous DNA nanoparticles for auto-release and expression of the eGFP gene in <i>Bacillus subtilis</i> . 2022 , 5,	0
83	Nanoparticle-Mediated Delivery of STAT3 Inhibitors in the Treatment of Lung Cancer. 2022 , 14, 2787	0
82	Biomimetic cell-derived nanocarriers in cancer research. 2022 , 20,	1
81	Highly Retina-Permeating and Long-Acting Resveratrol/Metformin Nanotherapeutics for Enhanced Treatment of Macular Degeneration.	6
80	Synthesis, Characterization, and In Vivo Distribution of ^{99m} Tc Radiolabelled Docetaxel Loaded Folic Acid-Thiolated Chitosan Enveloped Liposomes.	0
79	Paclitaxel-Loaded Cationic Fluid Lipid Nanodiscs and Liposomes with Brush-Conformation PEG Chains Penetrate Breast Tumors and Trigger Caspase-3 Activation.	0

78	Decrypting the Potential of Nanotechnology-Based Approaches as Cutting-Edge for Management of Hyperpigmentation Disorder. 2023 , 28, 220	0
77	Polymeric Micelles for Targeted Drug Delivery System. 2022 , 58, 726-737	0
76	Drug Self-delivery Systems: Molecule Design, Construction Strategy and Biological Application. 2202769	1
75	Nanomaterial-mediated Photoporation For Intracellular Delivery. 2022 ,	0
74	Could the Lung Be a Gateway for Amphotericin B to Attack the Army of Fungi?. 2022 , 14, 2707	0
73	Nanoparticles in Drug Delivery: From History to Therapeutic Applications. 2022 , 12, 4494	4
72	Recent Advances of Polymer Based Nanosystems in Cancer Management. 1-73	0
71	Modification of Tocopherol Succinate with a Tumor-targeting Peptide Conjugate Enhances the Antitumor Efficacy of a Paclitaxel-loaded Lipid Aggregate.	0
70	Optimization, evaluation and comparative IVPT study of micro and nano liposomal topical formulations of apremilast. 2022 ,	0
69	Polymer-Based Drug Delivery Systems Under Investigation For Enzyme Replacement And Other Therapies Of Lysosomal Storage Disorders. 2023 , 114683	0
68	Role of Supramolecules in Anti-inflammatory Drugs. 2022 , 157-177	0
67	Anti-cancer Nanotechnology. 2023 , 389-438	0
66	Effects and Mechanisms Activated by Treatment with Cationic, Anionic and Zwitterionic Liposomes on an In Vitro Model of Porcine Pre-Pubertal Sertoli Cells. 2023 , 24, 1201	0
65	Sonosensitive Phase-Changeable Nanoparticle Mediated Enhanced Chemotherapy in Prostate Cancer by Low-Intensity Focused Ultrasound. 2023 , 24, 825	0
64	Recent Advances in Intranasal Liposomes for Drug, Gene, and Vaccine Delivery. 2023 , 15, 207	2
63	Cell-mimicking polyethylene glycol-diacrylate based nanolipogel for encapsulation and delivery of hydrophilic biomolecule. 11,	0
62	Nanorobots: An innovative approach for DNA-based cancer treatment. 2023 , 80, 104173	1
61	Recent advances in extracellular vesicle-based organic nanotherapeutic drugs for precision cancer therapy. 2023 , 479, 215006	0

- 60 Thermally mediated double emulsion droplets formation in a six-way junction microfluidic device. **2023**, 661, 130961 ○
- 59 Nanovesicles based drug targeting to control tumor growth and metastasis. **2023**, 7, 100083 ○
- 58 Aerosolized immunotherapeutic nanoparticle inhalation potentiates PD-L1 blockade for locally advanced lung cancer. ○
- 57 Tuning Liposome Stability in Biological Environments and Intracellular Drug Release Kinetics. **2023**, 13, 59 ○
- 56 Effective Delivery of Paclitaxel-Loaded Ferritin via Inverso CendR Peptide for Enhanced Cancer Therapy. ○
- 55 Polymers and nanomaterials as gene delivery systems. **2023**, 513-539 ○
- 54 Methods of fabricating various nanocarriers for targeted drug delivery. **2023**, 29-42 ○
- 53 Utility of nanomedicine and nanocarriers for noninfectious disease treatment. **2023**, 207-223 ○
- 52 Deciphering plausible role of DNA nanostructures in drug delivery. **2023**, 215-251 ○
- 51 Click Chemistry for Liposome Surface Modification. **2023**, 173-189 ○
- 50 Hyaluronic acid-based nanosystems for theranostic delivery and imaging. **2023**, 271-308 ○
- 49 Nanophytomedicines: a novel approach for improving therapeutics via delivery of herbal medicine. **2023**, 423-457 ○
- 48 Recent progress in nanotechnology-based drug carriers for resveratrol delivery. **2023**, 30, ○
- 47 A liposomal vaccine promotes strong adaptive immune responses via dendritic cell activation in draining lymph nodes. **2023**, 356, 386-401 ○
- 46 Lyophilized liposomal formulation of a peptidomimetic-Dox conjugate for HER2 positive breast and lung cancer. **2023**, 122950 ○
- 45 Nano-Strategies for Lignin Biomaterials toward Cancer Therapy. ○
- 44 Pharmacokinetics and tumor delivery of nanoparticles. **2023**, 104404 ○
- 43 Establishment of an Antiplasmodial Vaccine Based on PFRH5-Encoding RNA Replicons Stabilized by Cationic Liposomes. **2023**, 15, 1223 ○

- 42 New insights on the release and self-healing model of stimuli-sensitive liposomes. **2023**, 640, 558-567 ○
- 41 Recent advances in nanomedicine development for traumatic brain injury. **2023**, 82, 102087 ○
- 40 c-Myc-Targeting PROTAC Based on a TNA-DNA Bivalent Binder for Combination Therapy of Triple-Negative Breast Cancer. ○
- 39 Study of the efficiency of cellular accumulation of doxorubicin supplied with a targeted delivery system based on phospholipid nanoparticles with integrin-directed peptide. **2022**, 68, 437-443 ○
- 38 Direct delivery of plasmin using clot-anchoring thrombin-responsive nanoparticles for targeted fibrinolytic therapy. **2023**, 21, 983-994 ○
- 37 Intrinsic antibacterial and osteoinductive sterosomes promote infected bone healing. **2023**, 354, 713-725 ○
- 36 A fast-acting brain-targeted nano-delivery system with ultra-simple structure for brain emergency poisoning rescue. **2023**, 15, 4852-4862 ○
- 35 Advancing Medicine with Lipid-Based Nanosystems—the Successful Case of Liposomes. **2023**, 11, 435 ○
- 34 DoE development of ionic gradient liposomes: A successful approach to improve encapsulation, prolong anesthesia and decrease the toxicity of etidocaine. **2023**, 634, 122672 ○
- 33 Liposomes Under Shear: Structure, Dynamics, and Drug Delivery Applications. **2023**, 3, 1
- 32 Self-Assembly of Glycerol-Amphiphilic Janus Dendrimers Amplifies and Indicates Principles for the Selection of Stereochemistry by Biological Membranes. ○
- 31 Nanomedicine Drug Delivery System. **2023**, 309-326 ○
- 30 Effective treatment of retinal neovascular leakage with fusogenic porous silicon nanoparticles delivering VEGF-siRNA. **2022**, 17, 2089-2108 ○
- 29 Recent overviews on the drug delivery aspects and applications of brinzolamide for the management of glaucoma. **2023**, 6, 100083 ○
- 28 Nano-based eye drop: Topical and noninvasive therapy for ocular diseases. **2023**, 194, 114721 ○
- 27 Ethanol Injection Method for Liposome Preparation. **2023**, 65-70 ○
- 26 The Post-insertion Method for the Preparation of PEGylated Liposomes. **2023**, 159-172 ○
- 25 Lipid-based colloidal nanoparticles for applications in targeted vaccine delivery. **2023**, 5, 1853-1869 ○

- 24 Therapeutic contact lenses for the treatment of corneal and ocular surface diseases: advances in extended and targeted drug delivery. **2023**, 122740 ○
- 23 Injectable hydrogels for sustained delivery of extracellular vesicles in cartilage regeneration. **2023**, 355, 685-708 ○
- 22 Nanotechnological advancements in the brain tumor therapy: a novel approach. **2022**, 13, 531-557 ○
- 21 Organic and inorganic nanomedicine for combination cancer therapies. **2023**, 5, 1600-1610 ○
- 20 Vaccine-like nanomedicine for cancer immunotherapy. **2023**, 355, 760-778 ○
- 19 Role of theranostics in targeting inflammation in chronic diseases. **2023**, 171-182 ○
- 18 Influence of the Topology of Poly(L-Cysteine) on the Self-Assembly, Encapsulation and Release Profile of Doxorubicin on Dual-Responsive Hybrid Polypeptides. **2023**, 15, 790 ○
- 17 Tumor Microenvironment Regulation and Cancer Targeting Therapy Based on Nanoparticles. **2023**, 14, 136 ○
- 16 Endocytosis-Like Vesicle Fission Mediated by a Membrane-Expanding Molecular Machine Enables Virus Encapsulation for In Vivo Delivery. **2023**, 145, 6210-6220 ○
- 15 Strategies for Formulation and Systemic Delivery of Therapeutic Proteins. **2023**, 163-198 ○
- 14 Liposomal Drug Delivery in Malaria. **2023**, 161-185 ○
- 13 Targeted Nanocarriers-based Approach For Prostate Cancer Therapy. **2023**, 133-162 ○
- 12 Nucleotides Entrapped in Liposome Nanovesicles as Tools for Therapeutic and Diagnostic Use in Biomedical Applications. **2023**, 15, 873 ○
- 11 Drug discovery: Chaos can be your friend or your enemy. **2023**, 417-511 ○
- 10 Surface-modified biomaterials as disinfectants to combat viral infections: a SARS-COV-2 case study. **2023**, 147-169 ○
- 9 A Novel Strategy for Liposomal Drug Separation in Plasma by TiO₂ Microspheres and Application in Pharmacokinetics. Volume 18, 1321-1334 ○
- 8 Engineered Nano-carrier systems for the oral targeted delivery of follicle stimulating Hormone: Development, characterization, and, assessment of in vitro and in vivo performance and targetability. **2023**, 637, 122868 ○
- 7 Nanovectors for theranostic applications. **2023**, 511-548 ○

- 6 Administration methods of lipid-based nanoparticle delivery systems for cancer treatment. ○
- 5 Controlled and Targeted Drug Delivery Using Smart Nanovectors. 84-90 ○
- 4 Unilamellar Characteristic Analysis of 1,2-dioleoyl-sn-3-phosphocholine Liposome of Various Sizes via Atomic Force Microscopy and Patch-Clamp. **2023**, 13, 349-355 ○
- 3 Tailor-made nanocargoes as promising tool for brain targeting: Modulated approaches with better therapeutic outcomes. **2023**, 84, 104466 ○
- 2 Construction and application of bionanomaterials. **2023**, 567-594 ○
- 1 Mitochondria-Targeted Liposomal Delivery in Parkinson's Disease. **2023**, 657-669 ○