Nicolas Tsapis

List of Publications by Year
in descending order

188	10,002	36303 51	42399 92
papers	citations	h-index	g-index

193	193	193	12687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trojan particles: Large porous carriers of nanoparticles for drug delivery. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12001-12005.	7.1	475
2	Hyaluronic acid for anticancer drug and nucleic acid delivery. Advanced Drug Delivery Reviews, 2016, 97, 204-236.	13.7	468
3	Long-circulating PEGylated polycyanoacrylate nanoparticles as new drug carrier for brain delivery. Pharmaceutical Research, 2001, 18, 1157-1166.	3.5	405
4	Onset of Buckling in Drying Droplets of Colloidal Suspensions. Physical Review Letters, 2005, 94, 018302.	7.8	274
5	Thermoresponsive polymer nanocarriers for biomedical applications. Advanced Drug Delivery Reviews, 2019, 138, 167-192.	13.7	256
6	Pickering emulsions: Preparation processes, key parameters governing their properties and potential for pharmaceutical applications. Journal of Controlled Release, 2019, 309, 302-332.	9.9	250
7	Encapsulation of dexamethasone into biodegradable polymeric nanoparticles. International Journal of Pharmaceutics, 2007, 331, 153-159.	5.2	223
8	Ultrasound-triggered drug delivery for cancer treatment using drug delivery systems: From theoretical considerations to practical applications. Journal of Controlled Release, 2016, 241, 144-163.	9.9	204
9	â€œSmartâ€•delivery of antisense oligonucleotides by anionic pH-sensitive liposomes. Advanced Drug Delivery Reviews, 2004, 56, 931-946.	13.7	201
10	Liposomes for intravitreal drug delivery: A state of the art. Journal of Controlled Release, 2012, 161, 628-634.	9.9	189
11	Polymeric Nano/Microcapsules of Liquid Perfluorocarbons for Ultrasonic Imaging:Â Physical Characterization. Langmuir, 2006, 22, 4397-4402.	3.5	155
12	Polyisobutylcyanoacrylate nanocapsules containing an aqueous core as a novel colloidal carrier for the delivery of oligonucleotides. Pharmaceutical Research, 2000, 17, 707-714.	3.5	149
13	Poly (lactide-co-glycolide) particles of different physicochemical properties and their uptake by peyer's patches in mice. European Journal of Pharmaceutics and Biopharmaceutics, 2005, 61, 1-13.	4.3	149
14	Pulmonary drug delivery systems for tuberculosis treatment. International Journal of Pharmaceutics, 2015, 478, 517-529.	5.2	149
15	Particle uptake by Peyerâ€™s patches: a pathway for drug and vaccine delivery. Expert Opinion on Drug Delivery, 2004, 1, 141-163.	5.0	146
16	Functionalizing Liposomes with anti-CD44 Aptamer for Selective Targeting of Cancer Cells. Bioconjugate Chemistry, 2015, 26, 1307-1313.	3.6	145
17	Lipoplexes Targeting the CD44 Hyaluronic Acid Receptor for Efficient Transfection of Breast Cancer Cells. Molecular Pharmaceutics, 2009, 6, 1062-1073.	4.6	139
18	Liquid Perfluorocarbons as Contrast Agents for Ultrasonography and 19F-MRI. Pharmaceutical Research, 2010, 27, 1-16.	3.5	133

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19	Ocular delivery of nucleic acids: antisense oligonucleotides, aptamers and siRNA. Advanced Drug Delivery Reviews, 2006, 58, 1203-1223.	13.7	126
20	Hyaluronic acid-coated liposomes for active targeting of gemcitabine. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 373-380.	4.3	123
21	Perfluorooctyl Bromide Polymeric Capsules as Dual Contrast Agents for Ultrasonography and Magnetic Resonance Imaging. Advanced Functional Materials, 2008, 18, 2963-2971.	14.9	114
22	Surface coating mediates the toxicity of polymeric nanoparticles towards human-like macrophages. International Journal of Pharmaceutics, 2015, 482, 75-83.	5.2	110
23	Influence of surface charge on the potential toxicity of PLGA nanoparticles towards Calu-3 cells. International Journal of Nanomedicine, 2011, 6, 2591.	6.7	108
24	State of the art and perspectives for the delivery of antisense oligonucleotides and siRNA by polymeric nanocarriers. International Journal of Pharmaceutics, 2008, 364, 237-248.	5.2	107
25	Toxicity of surface-modified PLGA nanoparticles toward lung alveolar epithelial cells. International Journal of Pharmaceutics, 2013, 454, 686-694.	5.2	103
26	Liposomes dispersed within a thermosensitive gel: a new dosage form for ocular delivery of oligonucleotides. Pharmaceutical Research, 1998, 15, 1364-1369.	3.5	102
27	Aptamer-guided siRNA-loaded nanomedicines for systemic gene silencing in CD-44 expressing murine triple-negative breast cancer model. Journal of Controlled Release, 2018, 271, 98-106.	9.9	102
28	Control of particle morphology in the spray drying of colloidal suspensions. Soft Matter, 2016, 12, 7435-7444.	2.7	98
29	Nanotechnologies and controlled release systems for the delivery of antisense oligonucleotides and small interfering RNA. British Journal of Pharmacology, 2009, 157, 179-194.	5.4	97
30	The performance of PEGylated nanocapsules of perfluorooctyl bromide as an ultrasound contrast agent. Biomaterials, 2010, 31, 1723-1731.	11.4	95
31	Hyaluronic acid-bearing lipoplexes: Physico-chemical characterization and in vitro targeting of the CD44 receptor. Journal of Controlled Release, 2012, 162, 545-552.	9.9	95
32	Sustained release of nanosized complexes of polyethylenimine and anti-TGF-Î²2 oligonucleotide improves the outcome of glaucoma surgery. Journal of Controlled Release, 2006, 112, 369-381.	9.9	93
33	Biodegradable Nanoparticles Meet the Bronchial Airway Barrier: How Surface Properties Affect Their Interaction with Mucus and Epithelial Cells. Biomacromolecules, 2011, 12, 4136-4143.	5.4	91
34	Hyaluronic Acid-Modified DOTAP/DOPE Liposomes for the Targeted Delivery of Anti-Telomerase siRNA to CD44-Expressing Lung Cancer Cells. Oligonucleotides, 2009, 19, 103-116.	2.7	90
35	Chitosan and hyaluronan coated liposomes for pulmonary administration of curcumin. International Journal of Pharmaceutics, 2017, 525, 203-210.	5.2	90
36	Dexamethasone acetate encapsulation into Trojan particles. Journal of Controlled Release, 2008, 128, 41-49.	9.9	82

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37	Anti-Inflammatory Effect of Anti-TNF-Î± SiRNA Cationic Phosphorus Dendrimer Nanocomplexes Administered Intranasally in a Murine Acute Lung Injury Model. Biomacromolecules, 2017, 18, 2379-2388.	5.4	78
38	Diminished intestinal colonization by Clostridium difficile and immune response in mice after mucosal immunization with surface proteins of Clostridium difficile. Vaccine, 2007, 25, 3946-3954.	3.8	73
39	Downregulation of Endotoxin-Induced Uveitis by Intravitreal Injection of Vasoactive Intestinal Peptide Encapsulated in Liposomes. , 2007, 48, 3230.		73
40	Aqueous-core PEG-coated PLA nanocapsules for an efficient entrapment of water soluble anticancer drugs and a smart therapeutic response. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 30-39.	4.3	71
41	Dexamethasone palmitate nanoparticles: An efficient treatment for rheumatoid arthritis. Journal of Controlled Release, 2019, 296, 179-189.	9.9	70
42	Long-circulating perfluorooctyl bromide nanocapsules for tumor imaging by 19FMRI. Biomaterials, 2012, 33, 5593-5602.	11.4	69
43	Direct lung delivery of para-aminosalicylic acid by aerosol particles. Tuberculosis, 2003, 83, 379-385.	1.9	68
44	Evaluation of hepatic antioxidant systems after intravenous administration of polymeric nanoparticles. Biomaterials, 1997, 18, 511-517.	11.4	67
45	Direct lung delivery of a dry powder formulation of DTPA with improved aerosolization properties: Effect on lung and systemic decorporation of plutonium. Journal of Controlled Release, 2007, 118, 78-86.	9.9	66
46	Surfactant dependent morphology of polymeric capsules of perfluorooctyl bromide: Influence of polymer adsorption at the dichloromethaneâ€“water interface. Journal of Colloid and Interface Science, 2008, 326, 66-71.	9.4	66
47	Targeting gemcitabine containing liposomes to CD44 expressing pancreatic adenocarcinoma cells causes an increase in the antitumoral activity. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1396-1404.	2.6	65
48	Evaluation of critical formulation parameters influencing the bioactivity of Î²-lactamases entrapped in pectin beads. International Journal of Pharmaceutics, 2006, 324, 2-9.	5.2	62
49	Intravitreal delivery of oligonucleotides by sterically stabilized liposomes. Investigative Ophthalmology and Visual Science, 2002, 43, 253-9.	3.3	62
50	Poly(lactide-co-glycolide) microspheres for the controlled release of oligonucleotide/polyethylenimine complexes. Journal of Pharmaceutical Sciences, 2002, 91, 790-799.	3.3	61
51	Wound healing effects of collagen-laminin dermal matrix impregnated with resveratrol loaded hyaluronic acid-DPPC microparticles in diabetic rats. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 17-27.	4.3	59
52	A new paradigm for high-sensitivity¹⁹F magnetic resonance imaging of perfluorooctylbromide. Magnetic Resonance in Medicine, 2010, 63, 1119-1124.	3.0	53
53	A new delivery system for antisense therapy: PLGA microspheres encapsulating oligonucleotide/polyethyleneimine solid complexes. International Journal of Pharmaceutics, 2003, 254, 89-93.	5.2	49
54	Innovative drug delivery nanosystems improve the anti-tumor activity in vitro and in vivo of anti-estrogens in human breast cancer and multiple myeloma. Journal of Steroid Biochemistry and Molecular Biology, 2005, 94, 111-121.	2.5	49

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55	Pancreatic cancer stem cell proliferation is strongly inhibited by diethyldithiocarbamate-copper complex loaded into hyaluronic acid decorated liposomes. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 61-72.	2.4	49
56	Treatment of acute lung inflammation by pulmonary delivery of anti-TNF-Î± siRNA with PAMAM dendrimers in a murine model. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 156, 114-120.	4.3	49
57	Long-Term Release and Improved Intracellular Penetration of Oligonucleotideâ^'Polyethylenimine Complexes Entrapped in Biodegradable Microspheres. Biomacromolecules, 2003, 4, 529-536.	5.4	48
58	Oligonucleotide-Polyethylenimine Complexes Targeting Retinal Cells: Structural Analysis and Application to Anti-TGFÎ²-2 Therapy. Pharmaceutical Research, 2006, 23, 770-781.	3.5	48
59	Lipid-Based Nanovectors for Targeting of CD44-Overexpressing Tumor Cells. Journal of Drug Delivery, 2013, 2013, 1-8.	2.5	48
60	Perfluorocarbon-loaded micro and nanosystems for medical imaging: A state of the art. Journal of Fluorine Chemistry, 2015, 171, 18-26.	1.7	48
61	Removal of residual colonic ciprofloxacin in the rat by activated charcoal entrapped within zinc-pectinate beads. European Journal of Pharmaceutical Sciences, 2010, 41, 281-288.	4.0	47
62	Formulation and comparison of spray dried non-porous and large porous particles containing meloxicam for pulmonary drug delivery. International Journal of Pharmaceutics, 2019, 559, 68-75.	5.2	46
63	Co-encapsulation of an antigen and CpG oligonucleotides into PLGA microparticles by TROMS technology. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 98-108.	4.3	45
64	Tuning microcapsules surface morphology using blends of homo- and copolymers of PLGA and PLGA-PEG. Soft Matter, 2009, 5, 3054.	2.7	45
65	Encapsulation of Cwp84 into pectin beads for oral vaccination against Clostridium difficile. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 566-573.	4.3	45
66	Evaluation of characteristics and in vitro antioxidant properties of RSV loaded hyaluronic acidâ€“DPPC microparticles as a wound healing system. Colloids and Surfaces B: Biointerfaces, 2015, 126, 50-57.	5.0	45
67	Compared in vivo toxicity in mice of lung delivered biodegradable and non-biodegradable nanoparticles. Nanotoxicology, 2016, 10, 292-302.	3.0	45
68	Formulation and in vivo evaluation of sodium alendronate spray-dried microparticles intended for lung delivery. Journal of Controlled Release, 2011, 152, 370-375.	9.9	44
69	Formulation of pyrazinamide-loaded large porous particles for the pulmonary route: Avoiding crystal growth using excipients. International Journal of Pharmaceutics, 2013, 454, 668-677.	5.2	43
70	Novel drug delivery systems for actinides (uranium and plutonium) decontamination agents. Advanced Drug Delivery Reviews, 2015, 90, 40-54.	13.7	43
71	Use of Natural Products in Asthma Treatment. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-35.	1.2	43
72	Pharmacokinetics of DTPA entrapped in conventional and long-circulating liposomes of different size for plutonium decorporation. Journal of Controlled Release, 2005, 110, 177-188.	9.9	41

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73	Hyaluronated liposomes containing H2S-releasing doxorubicin are effective against P-glycoprotein-positive/doxorubicin-resistant osteosarcoma cells and xenografts. Cancer Letters, 2019, 456, 29-39.	7.2	41
74	Phospholipid decoration of microcapsules containing perfluorooctyl bromide used as ultrasound contrast agents. Biomaterials, 2009, 30, 1462-1472.	11.4	40
75	Polymer Colon Drug Delivery Systems and their Application to Peptides, Proteins, and Nucleic Acids. American Journal of Drug Delivery, 2005, 3, 171-204.	0.6	39
76	Near infrared labeling of PLGA for in vivo imaging of nanoparticles. Polymer Chemistry, 2012, 3, 694.	3.9	39
77	Drug solubilization and in vitro toxicity evaluation of lipoamino acid surfactants. International Journal of Pharmaceutics, 2012, 423, 312-320.	5.2	39
78	RGD decoration of PEGylated polyester nanocapsules of perfluorooctyl bromide for tumor imaging: Influence of pre or post-functionalization on capsule morphology. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 87, 170-177.	4.3	39
79	Recent Advances on Ultrasound Contrast Agents for Blood-Brain Barrier Opening with Focused Ultrasound. Pharmaceutics, 2020, 12, 1125.	4.5	39
80	Supramolecular Organization and siRNA Binding of Hyaluronic Acid-Coated Lipoplexes for Targeted Delivery to the CD44 Receptor. Langmuir, 2015, 31, 11186-11194.	3.5	36
81	Ultrasound-induced mild hyperthermia improves the anticancer efficacy of both TaxolÂ® and paclitaxel-loaded nanocapsules. Journal of Controlled Release, 2017, 264, 219-227.	9.9	36
82	Quantification of pegylated phospholipids decorating polymeric microcapsules of perfluorooctyl bromide by reverse phase HPLC with a charged aerosol detector. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 702-707.	2.8	35
83	Lipid-based nanosystems for CD44 targeting in cancer treatment: recent significant advances, ongoing challenges and unmet needs. Nanomedicine, 2016, 11, 1865-1887.	3.3	35
84	Paclitaxel-loaded PEGylated nanocapsules of perfluorooctyl bromide as theranostic agents. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 108, 136-144.	4.3	34
85	Hyaluronic acid-conjugated lipoplexes for targeted delivery of siRNA in a murine metastatic lung cancer model. International Journal of Pharmaceutics, 2016, 514, 103-111.	5.2	34
86	Disintegration of nano-embedded microparticles after deposition on mucus: A mechanistic study. Colloids and Surfaces B: Biointerfaces, 2016, 139, 219-227.	5.0	34
87	Bare and Sterically Stabilized PLGA Nanoparticles for the Stabilization of Pickering Emulsions. Langmuir, 2018, 34, 13935-13945.	3.5	34
88	In vitroandin vivoevaluation of pectin beads for the colon delivery of Î²-lactamases. Journal of Drug Targeting, 2005, 13, 277-284.	4.4	33
89	Pulmonary delivery of pyrazinamide-loaded large porous particles. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 241-250.	4.3	33
90	Hyaluronic Acidâ€“Decorated Liposomes as Innovative Targeted Delivery System for Lung Fibrotic Cells. Molecules, 2019, 24, 3291.	3.8	33

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91	Nanomedicine technology: current achievements and new trends. Clinical and Translational Imaging, 2014, 2, 77-87.	2.1	32
92	Probing single-cell mechanics with picosecond ultrasonics. Ultrasonics, 2015, 56, 160-171.	3.9	32
93	Polysaccharide-coated liposomes by post-insertion of a hyaluronan-lipid conjugate. Colloids and Surfaces B: Biointerfaces, 2017, 158, 119-126.	5.0	32
94	Targeted nanotheranostics for personalized cancer therapy. Expert Opinion on Drug Delivery, 2012, 9, 1475-1487.	5.0	31
95	Effect of hyaluronic acid-binding to lipoplexes on intravitreal drug delivery for retinal gene therapy. European Journal of Pharmaceutical Sciences, 2017, 103, 27-35.	4.0	31
96	Engineering of budesonide-loaded lipid-polymer hybrid nanoparticles using a quality-by-design approach. International Journal of Pharmaceutics, 2018, 548, 740-746.	5.2	31
97	Biodegradable Pickering emulsions of Lipiodol for liver trans-arterial chemo-embolization. Acta Biomaterialia, 2019, 87, 177-186.	8.3	30
98	Nanomedicine-based delivery strategies for nucleic acid gene inhibitors in inflammatory diseases. Advanced Drug Delivery Reviews, 2021, 175, 113809.	13.7	30
99	Novel cationic liposome formulation for the delivery of an oligonucleotide decoy to NF-Î¹B into activated macrophages. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 7-18.	4.3	29
100	Spray-dried chitosan-metal microparticles for ciprofloxacin adsorption: Kinetic and equilibrium studies. Soft Matter, 2011, 7, 7304.	2.7	29
101	Nanoparticles: heating tumors to death?. Nanomedicine, 2011, 6, 99-109.	3.3	29
102	Morphology, structure and supramolecular organization of hybrid 1,2-dipalmitoyl-sn-glycero-3-phosphatidylcholineâ€“hyaluronic acid microparticles prepared by spray drying. European Journal of Pharmaceutical Sciences, 2008, 34, 12-21.	4.0	28
103	Calixareneâ€Entrapped Nanoemulsion for Uranium Extraction from Contaminated Solutions. Journal of Pharmaceutical Sciences, 2010, 99, 1375-1383.	3.3	26
104	Aerosolized liposomal amphotericin B: Prediction of lung deposition, in vitro uptake and cytotoxicity. International Journal of Pharmaceutics, 2012, 436, 106-110.	5.2	26
105	PLA-PEG Nanoparticles Improve the Anti-Inflammatory Effect of Rosiglitazone on Macrophages by Enhancing Drug Uptake Compared to Free Rosiglitazone. Materials, 2018, 11, 1845.	2.9	26
106	Improving dexamethasone drug loading and efficacy in treating arthritis through a lipophilic prodrug entrapped into PLGA-PEG nanoparticles. Drug Delivery and Translational Research, 2022, 12, 1270-1284.	5.8	26
107	Lung Toxicity of Biodegradable Nanoparticles. Journal of Biomedical Nanotechnology, 2014, 10, 2852-2864.	1.1	25
108	Pulmonary Surfactant Protein A-Mediated Enrichment of Surface-Decorated Polymeric Nanoparticles in Alveolar Macrophages. Molecular Pharmaceutics, 2016, 13, 4168-4178.	4.6	25

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109	Immunotoxicity of poly (lactic-co-glycolic acid) nanoparticles: influence of surface properties on dendritic cell activation. Nanotoxicology, 2019, 13, 606-622.	3.0	25
110	STRUCTURE OF A SINGLE MODEL TO DESCRIBE PLUTONIUM AND AMERICIUM DECORPORATION BY DTPA TREATMENTS. Health Physics, 2010, 99, 553-559.	0.5	24
111	Ex vivo decrease in uranium diffusion through intact and excoriated pig ear skin by a calixarene nanoemulsion. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 258-267.	4.3	24
112	Formulation and Pharmacokinetics of Thermosensitive StealthÂ® Liposomes Encapsulating 5-Fluorouracil. Pharmaceutical Research, 2015, 32, 1585-1603.	3.5	24
113	Removal of ciprofloxacin in simulated digestive media by activated charcoal entrapped within zinc-pectinate beads. International Journal of Pharmaceutics, 2009, 379, 251-259.	5.2	22
114	Preferential Decorporation of Americium by Pulmonary Administration of DTPA Dry Powder after Inhalation of Aged PuO₂Containing Americium in Rats. Radiation Research, 2010, 174, 637-644.	1.5	22
115	Stabilization and cellular delivery of chitosanâ€“polyphosphate nanoparticles by incorporation of iron. Journal of Controlled Release, 2014, 194, 211-219.	9.9	22
116	Supramolecular organization and release properties of phospholipid-hyaluronan microparticles encapsulating dexamethasone. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 116-126.	4.3	21
117	Focused ultrasound influence on calcein-loaded thermosensitive stealth liposomes. International Journal of Hyperthermia, 2015, 31, 349-358.	2.5	21
118	Surface-Modified Biodegradable Nanoparticles' Impact on Cytotoxicity and Inflammation Response on a Co-Culture of Lung Epithelial Cells and Human-Like Macrophages. Journal of Biomedical Nanotechnology, 2016, 12, 135-146.	1.1	21
119	Empirical and Theoretical Characterization of the Diffusion Process of Different Gadolinium-Based Nanoparticles within the Brain Tissue after Ultrasound-Induced Permeabilization of the Blood-Brain Barrier. Contrast Media and Molecular Imaging, 2019, 2019, 1-13.	0.8	21
120	Colonic Delivery of Î²â€Lactamases Does not Affect Amoxicillin Pharmacokinetics in Rats. Journal of Pharmaceutical Sciences, 2008, 97, 1853-1863.	3.3	20
121	Relaxation dynamics in single polymer microcapsules probed with laser-generated GHz acoustic waves. Soft Matter, 2012, 8, 2586.	2.7	20
122	Elucidating the role of surface chemistry on cationic phosphorus dendrimerâ€“siRNA complexation. Nanoscale, 2018, 10, 10952-10962.	5.6	20
123	Tuning morphology of Pickering emulsions stabilised by biodegradable PLGA nanoparticles: How PLGA characteristics influence emulsion properties. Journal of Colloid and Interface Science, 2021, 595, 202-211.	9.4	20
124	Predicting Plutonium Decorporation Efficacy after Intravenous Administration of DTPA Formulations: Study of Pharmacokineticâ€“Pharmacodynamic Relationships in Rats. Pharmaceutical Research, 2006, 23, 2030-2035.	3.5	19
125	Simplified Structure of a New Model to Describe Urinary Excretion of Plutonium after Systemic, Liver or Pulmonary Contamination of Rats Associated with Ca-DTPA Treatments. Radiation Research, 2009, 171, 674-686.	1.5	19
126	A NEW FORMULATION CONTAINING CALIXARENE MOLECULES AS AN EMERGENCY TREATMENT OF URANIUM SKIN CONTAMINATION. Health Physics, 2010, 99, 430-434.	0.5	19

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127	Quick and efficient extraction of uranium from a contaminated solution by a calixarene nanoemulsion. International Journal of Pharmaceutics, 2010, 398, 179-184.	5.2	19
128	AFM Investigation of Liquid-Filled Polymer Microcapsules Elasticity. Langmuir, 2016, 32, 4610-4618.	3.5	19
129	Nanoscale Lipophilic Prodrugs of Dexamethasone with Enhanced Pharmacokinetics. Molecular Pharmaceutics, 2019, 16, 2999-3010.	4.6	19
130	Influence of polymer end-chemistry on the morphology of perfluorohexane polymeric microcapsules intended as ultrasound contrast agents. International Journal of Pharmaceutics, 2014, 471, 10-17.	5.2	18
131	Dexamethasone palmitate large porous particles: A controlled release formulation for lung delivery of corticosteroids. European Journal of Pharmaceutical Sciences, 2018, 113, 185-192.	4.0	18
132	Comb-Like Fluorophilic-Lipophilic-Hydrophilic Polymers for Nanocapsules as Ultrasound Contrast Agents. Biomacromolecules, 2018, 19, 3244-3256.	5.4	18
133	Decorporation Approach Following Rat Lung Contamination with a Moderately Soluble Compound of Plutonium Using Local and Systemic Ca-DTPA Combined Chelation. Radiation Research, 2012, 178, 217-223.	1.5	17
134	Echogenicity enhancement by end-fluorinated polylactide perfluorohexane nanocapsules: Towards ultrasound-activable nanosystems. Acta Biomaterialia, 2017, 64, 313-322.	8.3	17
135	Nanomedicines for the delivery of glucocorticoids and nucleic acids as potential alternatives in the treatment of rheumatoid arthritis. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1630.	6.1	17
136	Monitoring the buckling threshold of drying colloidal droplets using water-ethanol mixtures. European Physical Journal E, 2008, 27, 213-9.	1.6	16
137	Self Diffusion and Spectral Modifications of a Membrane Protein, the Rubrivivax gelatinosus LH2 Complex, Incorporated into a Monoolein Cubic Phase. Biophysical Journal, 2001, 81, 1613-1623.	0.5	15
138	Pectin beads loaded with chitosanâ€“iron microspheres for specific colonic adsorption of ciprofloxacin. Journal of Drug Delivery Science and Technology, 2015, 30, 494-500.	3.0	14
139	End-chain fluorination of polyesters favors perfluorooctyl bromide encapsulation into echogenic PEGylated nanocapsules. Polymer Chemistry, 2017, 8, 2559-2570.	3.9	14
140	Influence of surface properties on the inflammatory response to polymeric nanoparticles. Pharmaceutical Research, 1995, 12, 1385-1387.	3.5	13
141	Dramatic rigidification of a peptide-decorated lamellar phase. Physical Review E, 2001, 63, 041903.	2.1	13
142	Modification of the Elastic Constants of a Peptide-Decorated Lamellar Phase. Langmuir, 2002, 18, 4384-4392.	3.5	13
143	Decorporation of plutonium by pulmonary administration of Ca-DTPA dry powder: a study in rat after lung contamination with different plutonium forms. Radiation Protection Dosimetry, 2007, 127, 472-476.	0.8	13
144	Successful factorial design for the optimization of methylprednisolone encapsulation in biodegradable nanoparticles. Drug Development and Industrial Pharmacy, 2013, 39, 310-320.	2.0	13

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145	PEGylated nanocapsules of perfluorooctyl bromide: Mechanism of formation, influence of polymer concentration on morphology and mechanical properties. Colloids and Surfaces B: Biointerfaces, 2016, 146, 762-769.	5.0	13
146	The crucial role of macromolecular engineering, drug encapsulation and dilution on the thermoresponsiveness of UCST diblock copolymer nanoparticles used for hyperthermia. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 281-290.	4.3	13
147	Calixarene Cleansing Formulation for Uranium Skin Contamination. Health Physics, 2013, 105, 382-389.	0.5	12
148	Ex Vivo Uranium Decontamination Efficiency on Wounded Skin and In Vitro Skin Toxicity of a Calixarene-Loaded Nanoemulsion. Journal of Pharmaceutical Sciences, 2015, 104, 2008-2017.	3.3	12
149	Novel Surfactants with Diglutamic Acid Polar Head Group: Drug Solubilization and Toxicity Studies. Pharmaceutical Research, 2012, 29, 1882-1896.	3.5	11
150	How should we plan the future of nanomedicine for cancer diagnosis and therapy?. International Journal of Pharmaceutics, 2017, 532, 657-659.	5.2	11
151	In vitro evaluation of polymeric nanoparticles with a fluorine core for drug delivery triggered by focused ultrasound. Colloids and Surfaces B: Biointerfaces, 2021, 200, 111561.	5.0	11
152	A microdevice for parallelized pulmonary permeability studies. Biomedical Microdevices, 2014, 16, 277-285.	2.8	10
153	Mannosylation of budesonide palmitate nanoprodrugs for improved macrophage targeting. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 170, 112-120.	4.3	10
154	Modification of Elastic Constants by Charge Addition to a Nonionic Lamellar Phase. Langmuir, 2000, 16, 2968-2974.	3.5	9
155	Physicochemical characterization and toxicity evaluation of steroid-based surfactants designed for solubilization of poorly soluble drugs. European Journal of Pharmaceutical Sciences, 2011, 44, 595-601.	4.0	9
156	Liposomes Loaded with Everolimus and Coated with Hyaluronic Acid: A Promising Approach for Lung Fibrosis. International Journal of Molecular Sciences, 2021, 22, 7743.	4.1	9
157	Mechanisms of antibiotic resistance and delivery strategies to prevent its emergence. Journal of Drug Delivery Science and Technology, 2010, 20, 407-418.	3.0	8
158	Development of biodegradable methylprednisolone microparticles for treatment of articular pathology using a spray-drying technique. International Journal of Nanomedicine, 2013, 8, 2065.	6.7	8
159	Texturing formulations for uranium skin decontamination. Pharmaceutical Development and Technology, 2014, 19, 692-701.	2.4	8
160	Properties of theranostic nanoparticles determined in suspension by ultrasonic spectroscopy. Physical Chemistry Chemical Physics, 2015, 17, 25483-25493.	2.8	8
161	Protection against Clostridium difficile infection in a hamster model by oral vaccination using flagellin FliC-loaded pectin beads. Vaccine, 2018, 36, 6017-6021.	3.8	8
162	High-frequency (20 to 40 MHz) acoustic response of liquid-filled nanocapsules. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2014, 61, 5-15.	3.0	7

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163	Pyrazinamide-loaded poly(lactide-co-glycolide) nanoparticles: Optimization by experimental design. Journal of Drug Delivery Science and Technology, 2015, 30, 384-390.	3.0	7
164	Adsorption of Antisense Oligonucleotides Targeting Malarial Topoisomerase II on Cationic Nanoemulsions Optimized by a Full Factorial Design. Current Topics in Medicinal Chemistry, 2014, 14, 1161-1171.	2.1	7
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