

Nicolas Tsapis

List of Publications by Year in descending order

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188
papers

10,002
citations

41627

51
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48101

92
g-index

193
all docs

193
docs citations

193
times ranked

14142
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.	3.3	475
2	Hyaluronic acid for anticancer drug and nucleic acid delivery. Advanced Drug Delivery Reviews, 2016, 97, 204-236.	6.6	468
3	Long-circulating PEGylated polycyanoacrylate nanoparticles as new drug carrier for brain delivery. Pharmaceutical Research, 2001, 18, 1157-1166.	1.7	405
4	Onset of Buckling in Drying Droplets of Colloidal Suspensions. Physical Review Letters, 2005, 94, 018302.	2.9	274
5	Thermoresponsive polymer nanocarriers for biomedical applications. Advanced Drug Delivery Reviews, 2019, 138, 167-192.	6.6	256
6	Pickering emulsions: Preparation processes, key parameters governing their properties and potential for pharmaceutical applications. Journal of Controlled Release, 2019, 309, 302-332.	4.8	250
7	Encapsulation of dexamethasone into biodegradable polymeric nanoparticles. International Journal of Pharmaceutics, 2007, 331, 153-159.	2.6	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.	4.8	204
9	Smart delivery of antisense oligonucleotides by anionic pH-sensitive liposomes. Advanced Drug Delivery Reviews, 2004, 56, 931-946.	6.6	201
10	Liposomes for intravitreal drug delivery: A state of the art. Journal of Controlled Release, 2012, 161, 628-634.	4.8	189
11	Polymeric Nano/Microcapsules of Liquid Perfluorocarbons for Ultrasonic Imaging: Physical Characterization. Langmuir, 2006, 22, 4397-4402.	1.6	155
12	Polyisobutylcyanoacrylate nanocapsules containing an aqueous core as a novel colloidal carrier for the delivery of oligonucleotides. Pharmaceutical Research, 2000, 17, 707-714.	1.7	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.	2.0	149
14	Pulmonary drug delivery systems for tuberculosis treatment. International Journal of Pharmaceutics, 2015, 478, 517-529.	2.6	149
15	Particle uptake by Peyer's patches: a pathway for drug and vaccine delivery. Expert Opinion on Drug Delivery, 2004, 1, 141-163.	2.4	146
16	Functionalizing Liposomes with anti-CD44 Aptamer for Selective Targeting of Cancer Cells. Bioconjugate Chemistry, 2015, 26, 1307-1313.	1.8	145
17	Lipoplexes Targeting the CD44 Hyaluronic Acid Receptor for Efficient Transfection of Breast Cancer Cells. Molecular Pharmaceutics, 2009, 6, 1062-1073.	2.3	139
18	Liquid Perfluorocarbons as Contrast Agents for Ultrasonography and 19F-MRI. Pharmaceutical Research, 2010, 27, 1-16.	1.7	133

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19	Ocular delivery of nucleic acids: antisense oligonucleotides, aptamers and siRNA. <i>Advanced Drug Delivery Reviews</i> , 2006, 58, 1203-1223.	6.6	126
20	Hyaluronic acid-coated liposomes for active targeting of gemcitabine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 373-380.	2.0	123
21	Perfluorooctyl Bromide Polymeric Capsules as Dual Contrast Agents for Ultrasonography and Magnetic Resonance Imaging. <i>Advanced Functional Materials</i> , 2008, 18, 2963-2971.	7.8	114
22	Surface coating mediates the toxicity of polymeric nanoparticles towards human-like macrophages. <i>International Journal of Pharmaceutics</i> , 2015, 482, 75-83.	2.6	110
23	Influence of surface charge on the potential toxicity of PLGA nanoparticles towards Calu-3 cells. <i>International Journal of Nanomedicine</i> , 2011, 6, 2591.	3.3	108
24	State of the art and perspectives for the delivery of antisense oligonucleotides and siRNA by polymeric nanocarriers. <i>International Journal of Pharmaceutics</i> , 2008, 364, 237-248.	2.6	107
25	Toxicity of surface-modified PLGA nanoparticles toward lung alveolar epithelial cells. <i>International Journal of Pharmaceutics</i> , 2013, 454, 686-694.	2.6	103
26	Liposomes dispersed within a thermosensitive gel: a new dosage form for ocular delivery of oligonucleotides. <i>Pharmaceutical Research</i> , 1998, 15, 1364-1369.	1.7	102
27	Aptamer-guided siRNA-loaded nanomedicines for systemic gene silencing in CD-44 expressing murine triple-negative breast cancer model. <i>Journal of Controlled Release</i> , 2018, 271, 98-106.	4.8	102
28	Control of particle morphology in the spray drying of colloidal suspensions. <i>Soft Matter</i> , 2016, 12, 7435-7444.	1.2	98
29	Nanotechnologies and controlled release systems for the delivery of antisense oligonucleotides and small interfering RNA. <i>British Journal of Pharmacology</i> , 2009, 157, 179-194.	2.7	97
30	The performance of PEGylated nanocapsules of perfluorooctyl bromide as an ultrasound contrast agent. <i>Biomaterials</i> , 2010, 31, 1723-1731.	5.7	95
31	Hyaluronic acid-bearing lipoplexes: Physico-chemical characterization and in vitro targeting of the CD44 receptor. <i>Journal of Controlled Release</i> , 2012, 162, 545-552.	4.8	95
32	Sustained release of nanosized complexes of polyethylenimine and anti-TGF- β 2 oligonucleotide improves the outcome of glaucoma surgery. <i>Journal of Controlled Release</i> , 2006, 112, 369-381.	4.8	93
33	Biodegradable Nanoparticles Meet the Bronchial Airway Barrier: How Surface Properties Affect Their Interaction with Mucus and Epithelial Cells. <i>Biomacromolecules</i> , 2011, 12, 4136-4143.	2.6	91
34	Hyaluronic Acid-Modified DOTAP/DOPE Liposomes for the Targeted Delivery of Anti-Telomerase siRNA to CD44-Expressing Lung Cancer Cells. <i>Oligonucleotides</i> , 2009, 19, 103-116.	2.7	90
35	Chitosan and hyaluronan coated liposomes for pulmonary administration of curcumin. <i>International Journal of Pharmaceutics</i> , 2017, 525, 203-210.	2.6	90
36	Dexamethasone acetate encapsulation into Trojan particles. <i>Journal of Controlled Release</i> , 2008, 128, 41-49.	4.8	82

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37	Anti-Inflammatory Effect of Anti-TNF- α siRNA Cationic Phosphorus Dendrimer Nanocomplexes Administered Intranasally in a Murine Acute Lung Injury Model. <i>Biomacromolecules</i> , 2017, 18, 2379-2388.	2.6	78
38	Diminished intestinal colonization by <i>Clostridium difficile</i> and immune response in mice after mucosal immunization with surface proteins of <i>Clostridium difficile</i> . <i>Vaccine</i> , 2007, 25, 3946-3954.	1.7	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. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 30-39.	2.0	71
41	Dexamethasone palmitate nanoparticles: An efficient treatment for rheumatoid arthritis. <i>Journal of Controlled Release</i> , 2019, 296, 179-189.	4.8	70
42	Long-circulating perfluorooctyl bromide nanocapsules for tumor imaging by ¹⁹ F MRI. <i>Biomaterials</i> , 2012, 33, 5593-5602.	5.7	69
43	Direct lung delivery of para-aminosalicylic acid by aerosol particles. <i>Tuberculosis</i> , 2003, 83, 379-385.	0.8	68
44	Evaluation of hepatic antioxidant systems after intravenous administration of polymeric nanoparticles. <i>Biomaterials</i> , 1997, 18, 511-517.	5.7	67
45	Direct lung delivery of a dry powder formulation of DTPA with improved aerosolization properties: Effect on lung and systemic decorporation of plutonium. <i>Journal of Controlled Release</i> , 2007, 118, 78-86.	4.8	66
46	Surfactant dependent morphology of polymeric capsules of perfluorooctyl bromide: Influence of polymer adsorption at the dichloromethane-water interface. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 66-71.	5.0	66
47	Targeting gemcitabine containing liposomes to CD44 expressing pancreatic adenocarcinoma cells causes an increase in the antitumoral activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1396-1404.	1.4	65
48	Evaluation of critical formulation parameters influencing the bioactivity of β -lactamases entrapped in pectin beads. <i>International Journal of Pharmaceutics</i> , 2006, 324, 2-9.	2.6	62
49	Intravitreal delivery of oligonucleotides by sterically stabilized liposomes. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 253-9.	3.3	62
50	Poly(lactide-co-glycolide) microspheres for the controlled release of oligonucleotide/polyethylenimine complexes. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 790-799.	1.6	61
51	Wound healing effects of collagen-laminin dermal matrix impregnated with resveratrol loaded hyaluronic acid-DPPC microparticles in diabetic rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 17-27.	2.0	59
52	A new paradigm for high-sensitivity ¹⁹ F magnetic resonance imaging of perfluorooctylbromide. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1119-1124.	1.9	53
53	A new delivery system for antisense therapy: PLGA microspheres encapsulating oligonucleotide/polyethylenimine solid complexes. <i>International Journal of Pharmaceutics</i> , 2003, 254, 89-93.	2.6	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. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 94, 111-121.	1.2	49

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55	Pancreatic cancer stem cell proliferation is strongly inhibited by diethyldithiocarbamate-copper complex loaded into hyaluronic acid decorated liposomes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 61-72.	1.1	49
56	Treatment of acute lung inflammation by pulmonary delivery of anti-TNF- α siRNA with PAMAM dendrimers in a murine model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 156, 114-120.	2.0	49
57	Long-Term Release and Improved Intracellular Penetration of Oligonucleotide~Polyethylenimine Complexes Entrapped in Biodegradable Microspheres. <i>Biomacromolecules</i> , 2003, 4, 529-536.	2.6	48
58	Oligonucleotide-Polyethylenimine Complexes Targeting Retinal Cells: Structural Analysis and Application to Anti-TGF β -2 Therapy. <i>Pharmaceutical Research</i> , 2006, 23, 770-781.	1.7	48
59	Lipid-Based Nanovectors for Targeting of CD44-Overexpressing Tumor Cells. <i>Journal of Drug Delivery</i> , 2013, 2013, 1-8.	2.5	48
60	Perfluorocarbon-loaded micro and nanosystems for medical imaging: A state of the art. <i>Journal of Fluorine Chemistry</i> , 2015, 171, 18-26.	0.9	48
61	Removal of residual colonic ciprofloxacin in the rat by activated charcoal entrapped within zinc-pectinate beads. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 41, 281-288.	1.9	47
62	Formulation and comparison of spray dried non-porous and large porous particles containing meloxicam for pulmonary drug delivery. <i>International Journal of Pharmaceutics</i> , 2019, 559, 68-75.	2.6	46
63	Co-encapsulation of an antigen and CpG oligonucleotides into PLGA microparticles by TROMS technology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 70, 98-108.	2.0	45
64	Tuning microcapsules surface morphology using blends of homo- and copolymers of PLGA and PLGA-PEG. <i>Soft Matter</i> , 2009, 5, 3054.	1.2	45
65	Encapsulation of Cwp84 into pectin beads for oral vaccination against <i>Clostridium difficile</i> . <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 566-573.	2.0	45
66	Evaluation of characteristics and in vitro antioxidant properties of RSV loaded hyaluronic acid~DPPC microparticles as a wound healing system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 50-57.	2.5	45
67	Compared <i>in vivo</i> toxicity in mice of lung delivered biodegradable and non-biodegradable nanoparticles. <i>Nanotoxicology</i> , 2016, 10, 292-302.	1.6	45
68	Formulation and in vivo evaluation of sodium alendronate spray-dried microparticles intended for lung delivery. <i>Journal of Controlled Release</i> , 2011, 152, 370-375.	4.8	44
69	Formulation of pyrazinamide-loaded large porous particles for the pulmonary route: Avoiding crystal growth using excipients. <i>International Journal of Pharmaceutics</i> , 2013, 454, 668-677.	2.6	43
70	Novel drug delivery systems for actinides (uranium and plutonium) decontamination agents. <i>Advanced Drug Delivery Reviews</i> , 2015, 90, 40-54.	6.6	43
71	Use of Natural Products in Asthma Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-35.	0.5	43
72	Pharmacokinetics of DTPA entrapped in conventional and long-circulating liposomes of different size for plutonium decorporation. <i>Journal of Controlled Release</i> , 2005, 110, 177-188.	4.8	41

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73	Hyaluronated liposomes containing H ₂ S-releasing doxorubicin are effective against P-glycoprotein-positive/doxorubicin-resistant osteosarcoma cells and xenografts. <i>Cancer Letters</i> , 2019, 456, 29-39.	3.2	41
74	Phospholipid decoration of microcapsules containing perfluorooctyl bromide used as ultrasound contrast agents. <i>Biomaterials</i> , 2009, 30, 1462-1472.	5.7	40
75	Polymer Colon Drug Delivery Systems and their Application to Peptides, Proteins, and Nucleic Acids. <i>American Journal of Drug Delivery</i> , 2005, 3, 171-204.	0.6	39
76	Near infrared labeling of PLGA for in vivo imaging of nanoparticles. <i>Polymer Chemistry</i> , 2012, 3, 694.	1.9	39
77	Drug solubilization and in vitro toxicity evaluation of lipoamino acid surfactants. <i>International Journal of Pharmaceutics</i> , 2012, 423, 312-320.	2.6	39
78	RGD decoration of PEGylated polyester nanocapsules of perfluorooctyl bromide for tumor imaging: Influence of pre or post-functionalization on capsule morphology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 170-177.	2.0	39
79	Recent Advances on Ultrasound Contrast Agents for Blood-Brain Barrier Opening with Focused Ultrasound. <i>Pharmaceutics</i> , 2020, 12, 1125.	2.0	39
80	Supramolecular Organization and siRNA Binding of Hyaluronic Acid-Coated Lipoplexes for Targeted Delivery to the CD44 Receptor. <i>Langmuir</i> , 2015, 31, 11186-11194.	1.6	36
81	Ultrasound-induced mild hyperthermia improves the anticancer efficacy of both Taxol [®] and paclitaxel-loaded nanocapsules. <i>Journal of Controlled Release</i> , 2017, 264, 219-227.	4.8	36
82	Quantification of pegylated phospholipids decorating polymeric microcapsules of perfluorooctyl bromide by reverse phase HPLC with a charged aerosol detector. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 702-707.	1.4	35
83	Lipid-based nanosystems for CD44 targeting in cancer treatment: recent significant advances, ongoing challenges and unmet needs. <i>Nanomedicine</i> , 2016, 11, 1865-1887.	1.7	35
84	Paclitaxel-loaded PEGylated nanocapsules of perfluorooctyl bromide as theranostic agents. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 136-144.	2.0	34
85	Hyaluronic acid-conjugated lipoplexes for targeted delivery of siRNA in a murine metastatic lung cancer model. <i>International Journal of Pharmaceutics</i> , 2016, 514, 103-111.	2.6	34
86	Disintegration of nano-embedded microparticles after deposition on mucus: A mechanistic study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 219-227.	2.5	34
87	Bare and Sterically Stabilized PLGA Nanoparticles for the Stabilization of Pickering Emulsions. <i>Langmuir</i> , 2018, 34, 13935-13945.	1.6	34
88	In vitro and in vivo evaluation of pectin beads for the colon delivery of Î²-lactamases. <i>Journal of Drug Targeting</i> , 2005, 13, 277-284.	2.1	33
89	Pulmonary delivery of pyrazinamide-loaded large porous particles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 241-250.	2.0	33
90	Hyaluronic Acid-Decorated Liposomes as Innovative Targeted Delivery System for Lung Fibrotic Cells. <i>Molecules</i> , 2019, 24, 3291.	1.7	33

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91	Nanomedicine technology: current achievements and new trends. <i>Clinical and Translational Imaging</i> , 2014, 2, 77-87.	1.1	32
92	Probing single-cell mechanics with picosecond ultrasonics. <i>Ultrasonics</i> , 2015, 56, 160-171.	2.1	32
93	Polysaccharide-coated liposomes by post-insertion of a hyaluronan-lipid conjugate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 119-126.	2.5	32
94	Targeted nanotheranostics for personalized cancer therapy. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 1475-1487.	2.4	31
95	Effect of hyaluronic acid-binding to lipoplexes on intravitreal drug delivery for retinal gene therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 103, 27-35.	1.9	31
96	Engineering of budesonide-loaded lipid-polymer hybrid nanoparticles using a quality-by-design approach. <i>International Journal of Pharmaceutics</i> , 2018, 548, 740-746.	2.6	31
97	Biodegradable Pickering emulsions of Lipiodol for liver trans-arterial chemo-embolization. <i>Acta Biomaterialia</i> , 2019, 87, 177-186.	4.1	30
98	Nanomedicine-based delivery strategies for nucleic acid gene inhibitors in inflammatory diseases. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113809.	6.6	30
99	Novel cationic liposome formulation for the delivery of an oligonucleotide decoy to NF- κ B into activated macrophages. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 70, 7-18.	2.0	29
100	Spray-dried chitosan-metal microparticles for ciprofloxacin adsorption: Kinetic and equilibrium studies. <i>Soft Matter</i> , 2011, 7, 7304.	1.2	29
101	Nanoparticles: heating tumors to death?. <i>Nanomedicine</i> , 2011, 6, 99-109.	1.7	29
102	Morphology, structure and supramolecular organization of hybrid 1,2-dipalmitoyl-sn-glycero-3-phosphatidylcholine-hyaluronic acid microparticles prepared by spray drying. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 34, 12-21.	1.9	28
103	Calixarene-Entrapped Nanoemulsion for Uranium Extraction from Contaminated Solutions. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 1375-1383.	1.6	26
104	Aerosolized liposomal amphotericin B: Prediction of lung deposition, in vitro uptake and cytotoxicity. <i>International Journal of Pharmaceutics</i> , 2012, 436, 106-110.	2.6	26
105	PLA-PEG Nanoparticles Improve the Anti-Inflammatory Effect of Rosiglitazone on Macrophages by Enhancing Drug Uptake Compared to Free Rosiglitazone. <i>Materials</i> , 2018, 11, 1845.	1.3	26
106	Improving dexamethasone drug loading and efficacy in treating arthritis through a lipophilic prodrug entrapped into PLGA-PEG nanoparticles. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1270-1284.	3.0	26
107	Lung Toxicity of Biodegradable Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 2852-2864.	0.5	25
108	Pulmonary Surfactant Protein A-Mediated Enrichment of Surface-Decorated Polymeric Nanoparticles in Alveolar Macrophages. <i>Molecular Pharmaceutics</i> , 2016, 13, 4168-4178.	2.3	25

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109	Immunotoxicity of poly (lactic-co-glycolic acid) nanoparticles: influence of surface properties on dendritic cell activation. <i>Nanotoxicology</i> , 2019, 13, 606-622.	1.6	25
110	STRUCTURE OF A SINGLE MODEL TO DESCRIBE PLUTONIUM AND AMERICIUM DECORPORATION BY DTPA TREATMENTS. <i>Health Physics</i> , 2010, 99, 553-559.	0.3	24
111	Ex vivo decrease in uranium diffusion through intact and excoriated pig ear skin by a calixarene nanoemulsion. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 258-267.	2.0	24
112	Formulation and Pharmacokinetics of Thermosensitive Stealth® Liposomes Encapsulating 5-Fluorouracil. <i>Pharmaceutical Research</i> , 2015, 32, 1585-1603.	1.7	24
113	Removal of ciprofloxacin in simulated digestive media by activated charcoal entrapped within zinc-pectinate beads. <i>International Journal of Pharmaceutics</i> , 2009, 379, 251-259.	2.6	22
114	Preferential Decorporation of Americium by Pulmonary Administration of DTPA Dry Powder after Inhalation of Aged PuO ₂ Containing Americium in Rats. <i>Radiation Research</i> , 2010, 174, 637-644.	0.7	22
115	Stabilization and cellular delivery of chitosan-polyphosphate nanoparticles by incorporation of iron. <i>Journal of Controlled Release</i> , 2014, 194, 211-219.	4.8	22
116	Supramolecular organization and release properties of phospholipid-hyaluronan microparticles encapsulating dexamethasone. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 70, 116-126.	2.0	21
117	Focused ultrasound influence on calcein-loaded thermosensitive stealth liposomes. <i>International Journal of Hyperthermia</i> , 2015, 31, 349-358.	1.1	21
118	Surface-Modified Biodegradable Nanoparticles' Impact on Cytotoxicity and Inflammation Response on a Co-Culture of Lung Epithelial Cells and Human-Like Macrophages. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 135-146.	0.5	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. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-13.	0.4	21
120	Colonic Delivery of β -Lactamases Does not Affect Amoxicillin Pharmacokinetics in Rats. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 1853-1863.	1.6	20
121	Relaxation dynamics in single polymer microcapsules probed with laser-generated GHz acoustic waves. <i>Soft Matter</i> , 2012, 8, 2586.	1.2	20
122	Elucidating the role of surface chemistry on cationic phosphorus dendrimer-siRNA complexation. <i>Nanoscale</i> , 2018, 10, 10952-10962.	2.8	20
123	Tuning morphology of Pickering emulsions stabilised by biodegradable PLGA nanoparticles: How PLGA characteristics influence emulsion properties. <i>Journal of Colloid and Interface Science</i> , 2021, 595, 202-211.	5.0	20
124	Predicting Plutonium Decorporation Efficacy after Intravenous Administration of DTPA Formulations: Study of Pharmacokinetic-Pharmacodynamic Relationships in Rats. <i>Pharmaceutical Research</i> , 2006, 23, 2030-2035.	1.7	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. <i>Radiation Research</i> , 2009, 171, 674-686.	0.7	19
126	A NEW FORMULATION CONTAINING CALIXARENE MOLECULES AS AN EMERGENCY TREATMENT OF URANIUM SKIN CONTAMINATION. <i>Health Physics</i> , 2010, 99, 430-434.	0.3	19

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127	Quick and efficient extraction of uranium from a contaminated solution by a calixarene nanoemulsion. <i>International Journal of Pharmaceutics</i> , 2010, 398, 179-184.	2.6	19
128	AFM Investigation of Liquid-Filled Polymer Microcapsules Elasticity. <i>Langmuir</i> , 2016, 32, 4610-4618.	1.6	19
129	Nanoscale Lipophilic Prodrugs of Dexamethasone with Enhanced Pharmacokinetics. <i>Molecular Pharmaceutics</i> , 2019, 16, 2999-3010.	2.3	19
130	Influence of polymer end-chemistry on the morphology of perfluorohexane polymeric microcapsules intended as ultrasound contrast agents. <i>International Journal of Pharmaceutics</i> , 2014, 471, 10-17.	2.6	18
131	Dexamethasone palmitate large porous particles: A controlled release formulation for lung delivery of corticosteroids. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 113, 185-192.	1.9	18
132	Comb-Like Fluorophilic-Lipophilic-Hydrophilic Polymers for Nanocapsules as Ultrasound Contrast Agents. <i>Biomacromolecules</i> , 2018, 19, 3244-3256.	2.6	18
133	Decorporation Approach Following Rat Lung Contamination with a Moderately Soluble Compound of Plutonium Using Local and Systemic Ca-DTPA Combined Chelation. <i>Radiation Research</i> , 2012, 178, 217-223.	0.7	17
134	Echogenicity enhancement by end-fluorinated polylactide perfluorohexane nanocapsules: Towards ultrasound-activable nanosystems. <i>Acta Biomaterialia</i> , 2017, 64, 313-322.	4.1	17
135	Nanomedicines for the delivery of glucocorticoids and nucleic acids as potential alternatives in the treatment of rheumatoid arthritis. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1630.	3.3	17
136	Monitoring the buckling threshold of drying colloidal droplets using water-ethanol mixtures. <i>European Physical Journal E</i> , 2008, 27, 213-9.	0.7	16
137	Self Diffusion and Spectral Modifications of a Membrane Protein, the Rubrivivax gelatinosus LH2 Complex, Incorporated into a Monoolein Cubic Phase. <i>Biophysical Journal</i> , 2001, 81, 1613-1623.	0.2	15
138	Pectin beads loaded with chitosan-iron microspheres for specific colonic adsorption of ciprofloxacin. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 494-500.	1.4	14
139	End-chain fluorination of polyesters favors perfluorooctyl bromide encapsulation into echogenic PEGylated nanocapsules. <i>Polymer Chemistry</i> , 2017, 8, 2559-2570.	1.9	14
140	Influence of surface properties on the inflammatory response to polymeric nanoparticles. <i>Pharmaceutical Research</i> , 1995, 12, 1385-1387.	1.7	13
141	Dramatic rigidification of a peptide-decorated lamellar phase. <i>Physical Review E</i> , 2001, 63, 041903.	0.8	13
142	Modification of the Elastic Constants of a Peptide-Decorated Lamellar Phase. <i>Langmuir</i> , 2002, 18, 4384-4392.	1.6	13
143	Decorporation of plutonium by pulmonary administration of Ca-DTPA dry powder: a study in rat after lung contamination with different plutonium forms. <i>Radiation Protection Dosimetry</i> , 2007, 127, 472-476.	0.4	13
144	Successful factorial design for the optimization of methylprednisolone encapsulation in biodegradable nanoparticles. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 310-320.	0.9	13

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145	PEGylated nanocapsules of perfluorooctyl bromide: Mechanism of formation, influence of polymer concentration on morphology and mechanical properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 762-769.	2.5	13
146	The crucial role of macromolecular engineering, drug encapsulation and dilution on the thermoresponsiveness of UCST diblock copolymer nanoparticles used for hyperthermia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 281-290.	2.0	13
147	Calixarene Cleansing Formulation for Uranium Skin Contamination. <i>Health Physics</i> , 2013, 105, 382-389.	0.3	12
148	Ex Vivo Uranium Decontamination Efficiency on Wounded Skin and In Vitro Skin Toxicity of a Calixarene-Loaded Nanoemulsion. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2008-2017.	1.6	12
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