

# Nicolas Tsapis

## List of Publications by Year in descending order

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188  
papers

10,002  
citations

36303

51  
h-index

42399

92  
g-index

193  
all docs

193  
docs citations

193  
times ranked

12687  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Mannosylation of budesonide palmitate nanoprodugs for improved macrophage targeting. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 170, 112-120.   | 4.3  | 10        |
| 2  | 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.   | 5.8  | 26        |
| 3  | In vitro evaluation of polymeric nanoparticles with a fluorine core for drug delivery triggered by focused ultrasound. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111561.  | 5.0  | 11        |
| 4  | Combining dexamethasone and TNF- $\alpha$ siRNA within the same nanoparticles to enhance anti-inflammatory effect. <i>International Journal of Pharmaceutics</i> , 2021, 598, 120381.  | 5.2  | 6         |
| 5  | Tiny dexamethasone palmitate nanoparticles for intravitreal injection: Optimization and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120509.   | 5.2  | 4         |
| 6  | Simulations of the Upper Critical Solution Temperature Behavior of Poly(ornithine-co-citrulline)s Using MARTINI-Based Coarse-Grained Force Fields. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 4499-4511.                                    | 5.3  | 2         |
| 7  | Liposomes Loaded with Everolimus and Coated with Hyaluronic Acid: A Promising Approach for Lung Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7743.   | 4.1  | 9         |
| 8  | 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.   | 9.4  | 20        |
| 9  | Nanomedicine-based delivery strategies for nucleic acid gene inhibitors in inflammatory diseases. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113809.   | 13.7 | 30        |
| 10 | Stability, pharmacokinetics, and biodistribution in mice of the EPAC1 inhibitor (R)-CE3F4 entrapped in liposomes and lipid nanocapsules. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121213.  | 5.2  | 0         |
| 11 | Recent Advances on Ultrasound Contrast Agents for Blood-Brain Barrier Opening with Focused Ultrasound. <i>Pharmaceutics</i> , 2020, 12, 1125.  | 4.5  | 39        |
| 12 | Treatment of acute lung inflammation by pulmonary delivery of anti-TNF- $\alpha$ siRNA with PAMAM dendrimers in a murine model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 156, 114-120.  | 4.3  | 49        |
| 13 | Use of Natural Products in Asthma Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-35.  | 1.2  | 43        |
| 14 | 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.                          | 6.1  | 17        |
| 15 | High molecular weight hyaluronic acid decorated-liposome as targeted drug delivery system for fibrotic lung disorders. , 2020, , .   |      | 0         |
| 16 | Pickering emulsions: Preparation processes, key parameters governing their properties and potential for pharmaceutical applications. <i>Journal of Controlled Release</i> , 2019, 309, 302-332.  | 9.9  | 250       |
| 17 | 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. | 4.3  | 13        |
| 18 | Hyaluronic Acid-Decorated Liposomes as Innovative Targeted Delivery System for Lung Fibrotic Cells. <i>Molecules</i> , 2019, 24, 3291.   | 3.8  | 33        |

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|----|---|------|-----------|
| 19 | Biodegradable Pickering emulsions of Lipiodol for liver trans-arterial chemo-embolization. <i>Acta Biomaterialia</i> , 2019, 87, 177-186.   | 8.3  | 30        |
| 20 | 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.   | 5.2  | 46        |
| 21 | Nanoscale Lipophilic Prodrugs of Dexamethasone with Enhanced Pharmacokinetics. <i>Molecular Pharmaceutics</i> , 2019, 16, 2999-3010.  | 4.6  | 19        |
| 22 | Hyaluronated liposomes containing H <sub>2</sub> S-releasing doxorubicin are effective against P-glycoprotein-positive/doxorubicin-resistant osteosarcoma cells and xenografts. <i>Cancer Letters</i> , 2019, 456, 29-39.   | 7.2  | 41        |
| 23 | Impact of Polylactide Fluorinated End-Group Lengths and Their Dynamics on Perfluorohexane Microcapsule Morphology. <i>Macromolecules</i> , 2019, 52, 2589-2596.   | 4.8  | 2         |
| 24 | Immunotoxicity of poly (lactic-co-glycolic acid) nanoparticles: influence of surface properties on dendritic cell activation. <i>Nanotoxicology</i> , 2019, 13, 606-622.  | 3.0  | 25        |
| 25 | SAT0057â€¦INCREASED MICRORNA-155 IS ASSOCIATED WITH A SPECIFIC DEFECT OF ANTI-INFLAMMATORY M2 MACROPHAGES POLARIZATION BOTH IN HUMAN RHEUMATOID ARTHRITIS AND IN COLLAGEN-INDUCED-ARTHRITIS MICE. , 2019, , .   |      | 0         |
| 26 | 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. | 0.8  | 21        |
| 27 | Dexamethasone palmitate nanoparticles: An efficient treatment for rheumatoid arthritis. <i>Journal of Controlled Release</i> , 2019, 296, 179-189.  | 9.9  | 70        |
| 28 | Thermoresponsive polymer nanocarriers for biomedical applications. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 167-192.  | 13.7 | 256       |
| 29 | 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.  | 2.4  | 49        |
| 30 | Cancer drug resistance: rationale for drug delivery systems and targeted inhibition of HSP90 family proteins. , 2019, 2, 381-398.   |      | 2         |
| 31 | Pyrazinoic acid-Poly(malic acid) biodegradable nanoconjugate for efficient intracellular delivery. <i>Precision Nanomedicine</i> , 2019, 2, 303-317.  | 0.8  | 4         |
| 32 | HPLC Quantification of Dexamethasone Palmitate in Bronchoalveolar Lavage Fluid of Rat after Lung Delivery with Large Porous Particles. <i>American Journal of Analytical Chemistry</i> , 2019, 10, 404-414.   | 0.9  | 0         |
| 33 | 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.   | 9.9  | 102       |
| 34 | Engineering of budesonide-loaded lipid-polymer hybrid nanoparticles using a quality-by-design approach. <i>International Journal of Pharmaceutics</i> , 2018, 548, 740-746.   | 5.2  | 31        |
| 35 | 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.   | 4.0  | 18        |
| 36 | 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.  | 2.9  | 26        |

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|----|---|-----|-----------|
| 37 | Bare and Sterically Stabilized PLGA Nanoparticles for the Stabilization of Pickering Emulsions. <i>Langmuir</i> , 2018, 34, 13935-13945.  | 3.5 | 34        |
| 38 | Protection against <i>Clostridium difficile</i> infection in a hamster model by oral vaccination using flagellin FliC-loaded pectin beads. <i>Vaccine</i> , 2018, 36, 6017-6021.  | 3.8 | 8         |
| 39 | Elucidating the role of surface chemistry on cationic phosphorus dendrimer-siRNA complexation. <i>Nanoscale</i> , 2018, 10, 10952-10962.  | 5.6 | 20        |
| 40 | Comb-Like Fluorophilic-Lipophilic-Hydrophilic Polymers for Nanocapsules as Ultrasound Contrast Agents. <i>Biomacromolecules</i> , 2018, 19, 3244-3256.  | 5.4 | 18        |
| 41 | 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.  | 4.0 | 31        |
| 42 | 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. | 4.3 | 59        |
| 43 | Chitosan and hyaluronan coated liposomes for pulmonary administration of curcumin. <i>International Journal of Pharmaceutics</i> , 2017, 525, 203-210.  | 5.2 | 90        |
| 44 | Anti-Inflammatory Effect of Anti-TNF- $\alpha$ SiRNA Cationic Phosphorus Dendrimer Nanocomplexes Administered Intranasally in a Murine Acute Lung Injury Model. <i>Biomacromolecules</i> , 2017, 18, 2379-2388.                     | 5.4 | 78        |
| 45 | How should we plan the future of nanomedicine for cancer diagnosis and therapy?. <i>International Journal of Pharmaceutics</i> , 2017, 532, 657-659.  | 5.2 | 11        |
| 46 | End-chain fluorination of polyesters favors perfluorooctyl bromide encapsulation into echogenic PEGylated nanocapsules. <i>Polymer Chemistry</i> , 2017, 8, 2559-2570.  | 3.9 | 14        |
| 47 | Echogenicity enhancement by end-fluorinated polylactide perfluorohexane nanocapsules: Towards ultrasound-activable nanosystems. <i>Acta Biomaterialia</i> , 2017, 64, 313-322.  | 8.3 | 17        |
| 48 | Ultrasound-induced mild hyperthermia improves the anticancer efficacy of both Taxol <sup>®</sup> and paclitaxel-loaded nanocapsules. <i>Journal of Controlled Release</i> , 2017, 264, 219-227.                                     | 9.9 | 36        |
| 49 | Polysaccharide-coated liposomes by post-insertion of a hyaluronan-lipid conjugate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 119-126.  | 5.0 | 32        |
| 50 | Lipid-based nanosystems for CD44 targeting in cancer treatment: recent significant advances, ongoing challenges and unmet needs. <i>Nanomedicine</i> , 2016, 11, 1865-1887.   | 3.3 | 35        |
| 51 | Imaging Polymer Nanoparticles by Means of Transmission and Scanning Electron Microscopy Techniques. , 2016, , 205-219.  |     | 2         |
| 52 | AFM Investigation of Liquid-Filled Polymer Microcapsules Elasticity. <i>Langmuir</i> , 2016, 32, 4610-4618.   | 3.5 | 19        |
| 53 | Paclitaxel-loaded PEGylated nanocapsules of perfluorooctyl bromide as theranostic agents. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 136-144.   | 4.3 | 34        |
| 54 | Ultrasound-triggered drug delivery for cancer treatment using drug delivery systems: From theoretical considerations to practical applications. <i>Journal of Controlled Release</i> , 2016, 241, 144-163.                          | 9.9 | 204       |

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|----|--|------|-----------|
| 55 | Control of particle morphology in the spray drying of colloidal suspensions. <i>Soft Matter</i> , 2016, 12, 7435-7444.   | 2.7  | 98        |
| 56 | 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.   | 5.2  | 34        |
| 57 | 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.            | 5.0  | 13        |
| 58 | Pulmonary Surfactant Protein A-Mediated Enrichment of Surface-Decorated Polymeric Nanoparticles in Alveolar Macrophages. <i>Molecular Pharmaceutics</i> , 2016, 13, 4168-4178.   | 4.6  | 25        |
| 59 | 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. | 1.1  | 21        |
| 60 | Disintegration of nano-embedded microparticles after deposition on mucus: A mechanistic study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 139, 219-227.   | 5.0  | 34        |
| 61 | Compared <i>in vivo</i> toxicity in mice of lung delivered biodegradable and non-biodegradable nanoparticles. <i>Nanotoxicology</i> , 2016, 10, 292-302.   | 3.0  | 45        |
| 62 | Hyaluronic acid for anticancer drug and nucleic acid delivery. <i>Advanced Drug Delivery Reviews</i> , 2016, 97, 204-236.  | 13.7 | 468       |
| 63 | Pulmonary delivery of pyrazinamide-loaded large porous particles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 241-250.   | 4.3  | 33        |
| 64 | Properties of theranostic nanoparticles determined in suspension by ultrasonic spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25483-25493.   | 2.8  | 8         |
| 65 | Perfluorocarbon-loaded micro and nanosystems for medical imaging: A state of the art. <i>Journal of Fluorine Chemistry</i> , 2015, 171, 18-26.   | 1.7  | 48        |
| 66 | Evaluation of characteristics and <i>in vitro</i> 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.              | 5.0  | 45        |
| 67 | Focused ultrasound influence on calcein-loaded thermosensitive stealth liposomes. <i>International Journal of Hyperthermia</i> , 2015, 31, 349-358.  | 2.5  | 21        |
| 68 | 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.  | 3.0  | 14        |
| 69 | Novel drug delivery systems for actinides (uranium and plutonium) decontamination agents. <i>Advanced Drug Delivery Reviews</i> , 2015, 90, 40-54.   | 13.7 | 43        |
| 70 | Pyrazinamide-loaded poly(lactide-co-glycolide) nanoparticles: Optimization by experimental design. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 384-390.   | 3.0  | 7         |
| 71 | 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.   | 3.3  | 12        |
| 72 | Supramolecular Organization and siRNA Binding of Hyaluronic Acid-Coated Lipoplexes for Targeted Delivery to the CD44 Receptor. <i>Langmuir</i> , 2015, 31, 11186-11194.  | 3.5  | 36        |

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|----|--|-----|-----------|
| 73 | Formulation and Pharmacokinetics of Thermosensitive Stealth <sup>®</sup> Liposomes Encapsulating 5-Fluorouracil. <i>Pharmaceutical Research</i> , 2015, 32, 1585-1603.   | 3.5 | 24        |
| 74 | Surface coating mediates the toxicity of polymeric nanoparticles towards human-like macrophages. <i>International Journal of Pharmaceutics</i> , 2015, 482, 75-83.   | 5.2 | 110       |
| 75 | Pulmonary drug delivery systems for tuberculosis treatment. <i>International Journal of Pharmaceutics</i> , 2015, 478, 517-529.  | 5.2 | 149       |
| 76 | 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.                            | 4.3 | 71        |
| 77 | Functionalizing Liposomes with anti-CD44 Aptamer for Selective Targeting of Cancer Cells. <i>Bioconjugate Chemistry</i> , 2015, 26, 1307-1313.   | 3.6 | 145       |
| 78 | Probing single-cell mechanics with picosecond ultrasonics. <i>Ultrasonics</i> , 2015, 56, 160-171.   | 3.9 | 32        |
| 79 | Evaluation of Lung Toxicity of Biodegradable Nanoparticles. <i>Advances in Delivery Science and Technology</i> , 2015, , 689-732.  | 0.4 | 1         |
| 80 | Texturing formulations for uranium skin decontamination. <i>Pharmaceutical Development and Technology</i> , 2014, 19, 692-701.   | 2.4 | 8         |
| 81 | Nanocapsules of perfluorooctyl bromide for theranostics: from formulation to targeting. , 2014, , .  |     | 0         |
| 82 | 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.  | 5.2 | 18        |
| 83 | A microdevice for parallelized pulmonary permeability studies. <i>Biomedical Microdevices</i> , 2014, 16, 277-285.   | 2.8 | 10        |
| 84 | 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. | 4.3 | 39        |
| 85 | High-frequency (20 to 40 MHz) acoustic response of liquid-filled nanocapsules. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2014, 61, 5-15.  | 3.0 | 7         |
| 86 | Stabilization and cellular delivery of chitosan <sup>®</sup> polyphosphate nanoparticles by incorporation of iron. <i>Journal of Controlled Release</i> , 2014, 194, 211-219.  | 9.9 | 22        |
| 87 | Nanomedicine technology: current achievements and new trends. <i>Clinical and Translational Imaging</i> , 2014, 2, 77-87.  | 2.1 | 32        |
| 88 | Lung Toxicity of Biodegradable Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 2852-2864.   | 1.1 | 25        |
| 89 | Adsorption of Antisense Oligonucleotides Targeting Malarial Topoisomerase II on Cationic Nanoemulsions Optimized by a Full Factorial Design. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1161-1171.                                     | 2.1 | 7         |
| 90 | Hyaluronic acid-coated liposomes for active targeting of gemcitabine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 373-380.   | 4.3 | 123       |

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|-----|--|-----|-----------|
| 91  | 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.                           | 5.2 | 43        |
| 92  | Successful factorial design for the optimization of methylprednisolone encapsulation in biodegradable nanoparticles. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 310-320.                                  | 2.0 | 13        |
| 93  | 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. | 2.6 | 65        |
| 94  | Toxicity of surface-modified PLGA nanoparticles toward lung alveolar epithelial cells. <i>International Journal of Pharmaceutics</i> , 2013, 454, 686-694.   | 5.2 | 103       |
| 95  | Nanomaterials: Applications in Drug Delivery. , 2013, , 131-151.   |     | 1         |
| 96  | Lipid-Based Nanovectors for Targeting of CD44-Overexpressing Tumor Cells. <i>Journal of Drug Delivery</i> , 2013, 2013, 1-8.   | 2.5 | 48        |
| 97  | Calixarene Cleansing Formulation for Uranium Skin Contamination. <i>Health Physics</i> , 2013, 105, 382-389.   | 0.5 | 12        |
| 98  | Development of biodegradable methylprednisolone microparticles for treatment of articular pathology using a spray-drying technique. <i>International Journal of Nanomedicine</i> , 2013, 8, 2065.                          | 6.7 | 8         |
| 99  | Role of thermal and mechanical effects on drug release from thermosensitive nanocarriers. , 2012, , .  |     | 3         |
| 100 | Targeted Delivery Using Biodegradable Polymeric Nanoparticles. , 2012, , 255-288.  |     | 6         |
| 101 | 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.  | 9.9 | 95        |
| 102 | Aerosolized liposomal amphotericin B: Prediction of lung deposition, in vitro uptake and cytotoxicity. <i>International Journal of Pharmaceutics</i> , 2012, 436, 106-110.   | 5.2 | 26        |
| 103 | Relaxation dynamics in single polymer microcapsules probed with laser-generated GHz acoustic waves. <i>Soft Matter</i> , 2012, 8, 2586.  | 2.7 | 20        |
| 104 | Electrophoretic mobility measurement by laser Doppler velocimetry and capillary electrophoresis of micrometric fluorescent polystyrene beads. <i>Analytical Methods</i> , 2012, 4, 183-189.                                | 2.7 | 5         |
| 105 | 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.               | 1.5 | 17        |
| 106 | Near infrared labeling of PLGA for in vivo imaging of nanoparticles. <i>Polymer Chemistry</i> , 2012, 3, 694.  | 3.9 | 39        |
| 107 | Targeted nanotheranostics for personalized cancer therapy. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 1475-1487.  | 5.0 | 31        |
| 108 | Novel Surfactants with Diglutamic Acid Polar Head Group: Drug Solubilization and Toxicity Studies. <i>Pharmaceutical Research</i> , 2012, 29, 1882-1896.   | 3.5 | 11        |

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|-----|--|------|-----------|
| 109 | Drug solubilization and in vitro toxicity evaluation of lipoamino acid surfactants. International Journal of Pharmaceutics, 2012, 423, 312-320.  | 5.2  | 39        |
| 110 | Long-circulating perfluorooctyl bromide nanocapsules for tumor imaging by 19FMRI. Biomaterials, 2012, 33, 5593-5602.   | 11.4 | 69        |
| 111 | Liposomes for intravitreal drug delivery: A state of the art. Journal of Controlled Release, 2012, 161, 628-634.   | 9.9  | 189       |
| 112 | Spray-dried chitosan-metal microparticles for ciprofloxacin adsorption: Kinetic and equilibrium studies. Soft Matter, 2011, 7, 7304.   | 2.7  | 29        |
| 113 | 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        |
| 114 | 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        |
| 115 | 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        |
| 116 | Nanoparticles: heating tumors to death?. Nanomedicine, 2011, 6, 99-109.  | 3.3  | 29        |
| 117 | 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       |
| 118 | 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        |
| 119 | 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         |
| 120 | Comparison of the acoustic response of liquid-PFOB and solid-core nanoparticles between 20 and 40 MHz. , 2011, , .   |      | 0         |
| 121 | STRUCTURE OF A SINGLE MODEL TO DESCRIBE PLUTONIUM AND AMERICIUM DECORPORATION BY DTPA TREATMENTS. Health Physics, 2010, 99, 553-559.   | 0.5  | 24        |
| 122 | A NEW FORMULATION CONTAINING CALIXARENE MOLECULES AS AN EMERGENCY TREATMENT OF URANIUM SKIN CONTAMINATION. Health Physics, 2010, 99, 430-434.  | 0.5  | 19        |
| 123 | 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        |
| 124 | The performance of PEGylated nanocapsules of perfluorooctyl bromide as an ultrasound contrast agent. Biomaterials, 2010, 31, 1723-1731.  | 11.4 | 95        |
| 125 | Liquid Perfluorocarbons as Contrast Agents for Ultrasonography and 19F-MRI. Pharmaceutical Research, 2010, 27, 1-16.   | 3.5  | 133       |
| 126 | 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        |



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|-----|---|------|-----------|
| 127 | Calixarene-Entrapped Nanoemulsion for Uranium Extraction from Contaminated Solutions. Journal of Pharmaceutical Sciences, 2010, 99, 1375-1383.  | 3.3  | 26        |
| 128 | A new paradigm for high-sensitivity <sup>19</sup> F magnetic resonance imaging of perfluorooctylbromide. Magnetic Resonance in Medicine, 2010, 63, 1119-1124.   | 3.0  | 53        |
| 129 | Nonlinear, detection of biodegradable, experimental nanoparticles using a high frequency ultrasound prototype. , 2010, , .  |      | 0         |
| 130 | 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         |
| 131 | Preferential Decorporation of Americium by Pulmonary Administration of DTPA Dry Powder after Inhalation of Aged PuO <sub>2</sub> Containing Americium in Rats. Radiation Research, 2010, 174, 637-644.                              | 1.5  | 22        |
| 132 | Modélisation de la décorporation du Pu/am par le dtpa. Radioprotection, 2009, 44, 431-446.  | 1.0  | 0         |
| 133 | Formulation of glycerolipidic prodrugs into PEGylated liposomes for brain delivery. Journal of Drug Delivery Science and Technology, 2009, 19, 61-66.   | 3.0  | 2         |
| 134 | Phospholipid decoration of microcapsules containing perfluorooctyl bromide used as ultrasound contrast agents. Biomaterials, 2009, 30, 1462-1472.   | 11.4 | 40        |
| 135 | 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        |
| 136 | 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        |
| 137 | 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        |
| 138 | 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        |
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