

# Antonio J Almeida

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

3,336  
citations

257101

24  
h-index

174990

52  
g-index

57  
all docs

57  
docs citations

57  
times ranked

5122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid lipid nanoparticles as a drug delivery system for peptides and proteins. <i>Advanced Drug Delivery Reviews</i> , 2007, 59, 478-490.	6.6	712
2	Nanostructured lipid carriers: Promising drug delivery systems for future clinics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 143-161.	1.7	488
3	Lymphatic Uptake of Pulmonary Delivered Radiolabelled Solid Lipid Nanoparticles. <i>Journal of Drug Targeting</i> , 2002, 10, 607-613.	2.1	213
4	Chitosan Nanoparticles as a Mucoadhesive Drug Delivery System for Ocular Administration. <i>Marine Drugs</i> , 2017, 15, 370.	2.2	175
5	Peptide-loaded solid lipid nanoparticles (SLN): Influence of production parameters. <i>International Journal of Pharmaceutics</i> , 1997, 149, 255-265.	2.6	155
6	Poly(methyl methacrylate) particulate carriers in drug delivery. <i>Journal of Microencapsulation</i> , 2012, 29, 353-367.	1.2	149
7	Current Trends in Cancer Nanotheranostics: Metallic, Polymeric, and Lipid-Based Systems. <i>Pharmaceutics</i> , 2019, 11, 22.	2.0	146
8	The size of solid lipid nanoparticles: An interpretation from experimental design. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 84, 117-130.	2.5	134
9	Preclinical evaluation of a pulmonary delivered paclitaxel-loaded lipid nanocarrier antitumor effect. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 1208-1215.	1.7	107
10	Rifabutin-loaded solid lipid nanoparticles for inhaled antitubercular therapy: Physicochemical and in vitro studies. <i>International Journal of Pharmaceutics</i> , 2016, 497, 199-209.	2.6	106
11	Pickering emulsions: challenges and opportunities in topical delivery. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 1093-1107.	2.4	84
12	Effect of Experimental Parameters on Alginate/Chitosan Microparticles for BCG Encapsulation. <i>Marine Drugs</i> , 2016, 14, 90.	2.2	80
13	Microencapsulated Solid Lipid Nanoparticles as a Hybrid Platform for Pulmonary Antibiotic Delivery. <i>Molecular Pharmaceutics</i> , 2017, 14, 2977-2990.	2.3	55
14	Comparative study of chitosan- and PEG-coated lipid and PLGA nanoparticles as oral delivery systems for cannabinoids. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	47
15	Melatonin-based pickering emulsion for skin's photoprotection. <i>Drug Delivery</i> , 2016, 23, 1594-1607.	2.5	45
16	Self-assembled hyaluronan nanocapsules for the intracellular delivery of anticancer drugs. <i>Scientific Reports</i> , 2019, 9, 11565.	1.6	45
17	Exploring a new jellyfish collagen in the production of microparticles for protein delivery. <i>Journal of Microencapsulation</i> , 2012, 29, 520-531.	1.2	39
18	Microencapsulated SLN: An innovative strategy for pulmonary protein delivery. <i>International Journal of Pharmaceutics</i> , 2017, 516, 231-246.	2.6	36

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19	Levofloxacin-loaded bone cement delivery system: Highly effective against intracellular bacteria and Staphylococcus aureus biofilms. International Journal of Pharmaceutics, 2017, 532, 241-248.	2.6	35
20	Modeling of ultra-small lipid nanoparticle surface charge for targeting glioblastoma. European Journal of Pharmaceutical Sciences, 2018, 117, 255-269.	1.9	33
21	A novel modified acrylic bone cement matrix. A step forward on antibiotic delivery against multiresistant bacteria responsible for prosthetic joint infections. Materials Science and Engineering C, 2014, 38, 218-226.	3.8	31
22	Single-Step Co-Crystallization and Lipid Dispersion by Supercritical Enhanced Atomization. Crystal Growth and Design, 2013, 13, 4940-4947.	1.4	30
23	Antibody and cytokine-associated immune responses to S. equi antigens entrapped in PLA nanospheres. Biomaterials, 2009, 30, 5161-5169.	5.7	28
24	Improvement of the antibacterial activity of daptomycin-loaded polymeric microparticles by Eudragit RL 100: An assessment by isothermal microcalorimetry. International Journal of Pharmaceutics, 2015, 485, 171-182.	2.6	26
25	Key-properties outlook of a levofloxacin-loaded acrylic bone cement with improved antibiotic delivery. International Journal of Pharmaceutics, 2015, 485, 317-328.	2.6	25
26	Novel doped calcium phosphate-PMMA bone cement composites as levofloxacin delivery systems. International Journal of Pharmaceutics, 2015, 490, 200-208.	2.6	24
27	Lecithin and parabens play a crucial role in tripalmitinâ€based lipid nanoparticle stabilization throughout moist heat sterilization and freezeâ€drying. European Journal of Lipid Science and Technology, 2015, 117, 1947-1959.	1.0	21
28	Activity of daptomycin- and vancomycin-loaded poly-epsilon-caprolactone microparticles against mature staphylococcal biofilms. International Journal of Nanomedicine, 2015, 10, 4351.	3.3	18
29	Nanoparticulate platforms for targeting bone infections: meeting a major therapeutic challenge. Nanomedicine, 2015, 10, 3131-3145.	1.7	18
30	Lipid-based nanoformulations of trifluralin analogs in the management of <i>Leishmania infantum</i> infections. Nanomedicine, 2016, 11, 153-170.	1.7	18
31	Development of a novel mucosal vaccine against strangles by supercritical enhanced atomization spray-drying of Streptococcus equi extracts and evaluation in a mouse model. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 82, 392-400.	2.0	16
32	Encapsulation in Polymeric Microparticles Improves Daptomycin Activity Against Mature Staphylococci Biofilmsâ€a Thermal and Imaging Study. AAPS PharmSciTech, 2018, 19, 1625-1636.	1.5	16
33	New Thermoresistant Polymorph from CO2 Recrystallization of Minocycline Hydrochloride. Pharmaceutical Research, 2014, 31, 3136-3149.	1.7	15
34	Formulation, Characterization and Evaluation against SH-SY5Y Cells of New Tacrine and Tacrine-MAP Loaded with Lipid Nanoparticles. Nanomaterials, 2020, 10, 2089.	1.9	15
35	Microencapsulation of Streptococcus equi antigens in biodegradable microspheres and preliminary immunisation studies. European Journal of Pharmaceutics and Biopharmaceutics, 2006, 64, 131-137.	2.0	13
36	Toxicity screening of a novel poly(methylmethacrylate)-Eudragit nanocarrier on L929 fibroblasts. Toxicology Letters, 2017, 276, 129-137.	0.4	13

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37	Increased Therapeutic Efficacy of SLN Containing Etofenamate and Ibuprofen in Topical Treatment of Inflammation. <i>Pharmaceutics</i> , 2021, 13, 328.	2.0	13
38	Transfection of pulmonary cells by stable <i>pDNA</i>-polycationic hybrid nanostructured particles. <i>Nanomedicine</i> , 2019, 14, 407-429.	1.7	12
39	Rifabutin-Loaded Nanostructured Lipid Carriers as a Tool in Oral Anti-Mycobacterial Treatment of Crohn's Disease. <i>Nanomaterials</i> , 2020, 10, 2138.	1.9	10
40	Carrageenan from red algae: an application in the development of inhalable tuberculosis therapy targeting the macrophages. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1675-1687.	3.0	10
41	Oral Efficacy of a Diselenide Compound Loaded in Nanostructured Lipid Carriers in a Murine Model of Visceral Leishmaniasis. <i>ACS Infectious Diseases</i> , 2021, 7, 3197-3209.	1.8	9
42	Acrylic microparticles increase daptomycin intracellular and in vivo anti-biofilm activity against <i>Staphylococcus aureus</i> . <i>International Journal of Pharmaceutics</i> , 2018, 550, 372-379.	2.6	7
43	In Silico and In Vitro Tailoring of a Chitosan Nanoformulation of a Human Metabolic Enzyme. <i>Pharmaceutics</i> , 2021, 13, 329.	2.0	7
44	Preparation and Chemical Characterization of Eco-friendly ORMOSIL Nanoparticles of Potential Application in DNA Gene Therapy. <i>Current Nanoscience</i> , 2013, 9, 168-172.	0.7	7
45	Development of Neuropeptide Y and Cell-Penetrating Peptide MAP Adsorbed onto Lipid Nanoparticle Surface. <i>Molecules</i> , 2022, 27, 2734.	1.7	7
46	Technosphere®: An Inhalation System for Pulmonary Delivery of Biopharmaceuticals. , 2014, , 483-498.		6
47	Generation of an antibody that recognizes <i>Plasmodium chabaudi</i> cysteine protease (chabaupain-1) in both sexual and asexual parasite life cycle and evaluation of chabaupain-1 vaccine potential. <i>Experimental Parasitology</i> , 2013, 135, 166-174.	0.5	5
48	Preparation and Chemical Characterization of Eco-friendly ORMOSIL Nanoparticles of Potential Application in DNA Gene Therapy. <i>Current Nanoscience</i> , 2013, 9, 168-172.	0.7	5
49	Poly(Methyl Methacrylate) (PMMA): Drug Delivery Applications. , 0, , 6511-6525.		5
50	Poly(lactic acid) microspheres as immunological adjuvants for orally delivered cholera toxin B subunit. <i>Biochemical Society Transactions</i> , 1992, 20, 316S-316S.	1.6	4
51	BCG-loaded chitosan microparticles: interaction with macrophages and preliminary<i> in vivo</i> studies. <i>Journal of Microencapsulation</i> , 2017, 34, 203-217.	1.2	4
52	Role of Nanogenotoxicology Studies in Safety Evaluation of Nanomaterials. , 2015, , 263-287.		3
53	Effect of Î±-tocopherol on the physicochemical, antioxidant and antibacterial properties of levofloxacin loaded hybrid lipid nanocarriers. <i>New Journal of Chemistry</i> , 2021, 45, 1029-1042.	1.4	3
54	New Peptide Functionalized Nanostructured Lipid Carriers with CNS Drugs and Evaluation Anti-proliferative Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7109.	1.8	3

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55	Surface-Functionalized Lipid Nanoparticles for Site-Specific Drug Delivery. , 2019, , 73-98.		2
56	Improved antileishmanial activity and cytotoxicity of a novel nanotherapy for N-iodomethyl-N,N-dimethyl-N-(6,6-diphenylhex-5-en-1-yl)ammonium iodide. Journal of Drug Delivery Science and Technology, 2021, 61, 101988.	1.4	2
57	Systematic Modification and Evaluation of Enzyme-Loaded Chitosan Nanoparticles. International Journal of Molecular Sciences, 2021, 22, 7987.	1.8	1