Adriana R Pohlmann

List of Publications by Citations

322 papers	8,133 citations	45 h-index	70 g-index
348 ext. papers	9,162 ext. citations	4.1 avg, IF	5.98 L-index

#	Paper	IF	Citations
322	Polymeric Nanoparticles, Nanospheres and Nanocapsules, for Cutaneous Applications. *Drug Target Insights*, **2007**, 2, 117739280700200	3.4	247
321	Caracterizaão e estabilidade fsico-qumica de sistemas polimricos nanoparticulados para administraão de fmacos. *Quimica Nova*, **2003**, 26, 726-737	1.6	218
320	Surface-Modified Nanocarriers for Nose-to-Brain Delivery: From Bioadhesion to Targeting. *Pharmaceutics*, **2018**, 10,	6.4	145
319	Poly(?-caprolactone) microcapsules and nanocapsules in drug delivery. *Expert Opinion on Drug Delivery*, **2013**, 10, 623-38	8	142
318	Characterization of trans-resveratrol-loaded lipid-core nanocapsules and tissue distribution studies in rats. *Journal of Biomedical Nanotechnology*, **2010**, 6, 694-703	4	139
317	Hemocompatibility of poly(e-caprolactone) lipid-core nanocapsules stabilized with polysorbate 80-lecithin and uncoated or coated with chitosan. *International Journal of Pharmaceutics*, **2012**, 426, 271-279	6.5	125
316	Sustained release from lipid-core nanocapsules by varying the core viscosity and the particle surface area. *Journal of Biomedical Nanotechnology*, **2009**, 5, 130-40	4	125
315	Formulation of lipid core nanocapsules. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2011**, 375, 200-208	5.1	117
314	Indomethacin-loaded nanocapsules treatment reduces in vivo glioblastoma growth in a rat glioma model. *Cancer Letters*, **2009**, 281, 53-63	9.9	116
313	Curcumin-loaded lipid-core nanocapsules as a strategy to improve pharmacological efficacy of curcumin in glioma treatment. *European Journal of Pharmaceutics and Biopharmaceutics*, **2013**, 83, 156-67	5.7	115
312	Tretinoin-loaded nanocapsules: Preparation, physicochemical characterization, and photostability study. *International Journal of Pharmaceutics*, **2008**, 352, 1-4	6.5	115
311	Neuroprotective effects of resveratrol against Aadministration in rats are improved by lipid-core nanocapsules. *Molecular Neurobiology*, **2013**, 47, 1066-80	6.2	113
310	Human skin penetration and distribution of nimesulide from hydrophilic gels containing nanocarriers. *International Journal of Pharmaceutics*, **2007**, 341, 215-20	6.5	111
309	Improved photostability and reduced skin permeation of tretinoin: development of a semisolid nanomedicine. *European Journal of Pharmaceutics and Biopharmaceutics*, **2011**, 79, 95-101	5.7	96
308	Effects of indomethacin-loaded nanocapsules in experimental models of inflammation in rats. *British Journal of Pharmacology*, **2009**, 158, 1104-11	8.6	94
307	Diffusion and mathematical modeling of release profiles from nanocarriers. *International Journal of Pharmaceutics*, **2006**, 313, 198-205	6.5	94
306	Spray-dried indomethacin-loaded polyester nanocapsules and nanospheres: development, stability evaluation and nanostructure models. *European Journal of Pharmaceutical Sciences*, **2002**, 16, 305-12	5.1	91

305	Improving drug biological effects by encapsulation into polymeric nanocapsules. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2015**, 7, 623-39	9.2	90
304	Freeze-drying polymeric colloidal suspensions: nanocapsules, nanospheres and nanodispersion. A comparative study. *European Journal of Pharmaceutics and Biopharmaceutics*, **2003**, 56, 501-5	5.7	80
303	Chitosan as a coating material for nanoparticles intended for biomedical applications. *Reactive and Functional Polymers*, **2020**, 147, 104459	4.6	72
302	Physico-chemical characterization of nanocapsule polymeric wall using fluorescent benzazole probes. *International Journal of Pharmaceutics*, **2007**, 338, 297-305	6.5	70
301	Indomethacin-loaded lipid-core nanocapsules reduce the damage triggered by A1-42 in Alzheimer's disease models. *International Journal of Nanomedicine*, **2012**, 7, 4927-42	7.3	65
300	Protective properties of melatonin-loaded nanoparticles against lipid peroxidation. *International Journal of Pharmaceutics*, **2005**, 289, 209-13	6.5	65
299	Resveratrol-loaded lipid-core nanocapsules treatment reduces in vitro and in vivo glioma growth. *Journal of Biomedical Nanotechnology*, **2013**, 9, 516-26	4	63
298	Nanoencapsulation as a way to control the release and to increase the photostability of clobetasol propionate: influence of the nanostructured system. *Journal of Biomedical Nanotechnology*, **2009**, 5, 254-63	4	62
297	Photostability and skin penetration of different E-resveratrol-loaded supramolecular structures. *Photochemistry and Photobiology*, **2012**, 88, 913-21	3.6	61
296	Nanostructured systems containing an essential oil: protection against volatilization. *Quimica Nova*, **2011**, 34, 968-972	1.6	61
295	Sputtering onto Liquids: From Thin Films to Nanoparticles. *Journal of Physical Chemistry C*, **2011**, 115, 16362-16367	3.8	61
294	Production of soybean phosphatidylcholine-chitosan nanovesicles by reverse phase evaporation: a step by step study. *Chemistry and Physics of Lipids*, **2005**, 138, 29-37	3.7	61
293	The use of chitosan as cationic coating or gel vehicle for polymeric nanocapsules: Increasing penetration and adhesion of imiquimod in vaginal tissue. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 114, 202-212	5.7	60
292	An algorithm to determine the mechanism of drug distribution in lipid-core nanocapsule formulations. *Soft Matter*, **2013**, 9, 1141-1150	3.6	56
291	Polymeric nanoparticles, nanospheres and nanocapsules, for cutaneous applications. *Drug Target Insights*, **2007**, 2, 147-57	3.4	54
290	A novel approach to arthritis treatment based on resveratrol and curcumin co-encapsulated in lipid-core nanocapsules: In vivo studies. *European Journal of Pharmaceutical Sciences*, **2015**, 78, 163-70	5.1	52
289	Diverse deformation properties of polymeric nanocapsules and lipid-core nanocapsules. *Soft Matter* , **2011**, 7, 7240	3.6	52
288	Lipid-core nanocapsules: mechanism of self-assembly, control of size and loading capacity. *Soft Matter*, **2012**, 8, 6646	3.6	50

287	Sodium pantoprazole-loaded enteric microparticles prepared by spray drying: effect of the scale of production and process validation. *International Journal of Pharmaceutics*, **2006**, 324, 10-8	6.5	50
286	Skin penetration and dermal tolerability of acrylic nanocapsules: Influence of the surface charge and a chitosan gel used as vehicle. *International Journal of Pharmaceutics*, **2016**, 507, 12-20	6.5	50
285	Semisolid formulation containing a nanoencapsulated sunscreen: effectiveness, in vitro photostability and immune response. *Journal of Biomedical Nanotechnology*, **2009**, 5, 240-6	4	49
284	Rate-modulating PHBHV/PCL microparticles containing weak acid model drugs. *International Journal of Pharmaceutics*, **2007**, 345, 70-80	6.5	49
283	Nanocarriers for optimizing the balance between interfollicular permeation and follicular uptake of topically applied clobetasol to minimize adverse effects. *Journal of Controlled Release*, **2016**, 223, 207-214	11.7	48
282	Incorporation in polymeric nanocapsules improves the antioxidant effect of melatonin against lipid peroxidation in mice brain and liver. *European Journal of Pharmaceutics and Biopharmaceutics*, **2008**, 69, 64-71	5.7	48
281	Carvedilol-loaded nanocapsules: Mucoadhesive properties and permeability across the sublingual mucosa. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 114, 88-95	5.7	47
280	Controlling the size of poly(hydroxybutyrate-co-hydroxyvalerate) nanoparticles prepared by emulsificationâdiffusion technique using ethanol as surface agent. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2008**, 324, 105-112	5.1	46
279	Influence of benzyl benzoate as oil core on the physicochemical properties of spray-dried powders from polymeric nanocapsules containing indomethacin. *Drug Delivery*, **2000**, 7, 195-9	7	46
278	Chitosan-Coated Nanoparticles: Effect of Chitosan Molecular Weight on Nasal Transmucosal Delivery. *Pharmaceutics*, **2019**, 11,	6.4	46
277	Dexamethasone-loaded nanoparticle-coated microparticles: correlation between in vitro drug release and drug transport across Caco-2 cell monolayers. *European Journal of Pharmaceutics and Biopharmaceutics*, **2007**, 67, 18-30	5.7	45
276	Preparation and characterization of spray-dried polymeric nanocapsules. *Drug Development and Industrial Pharmacy*, **2000**, 26, 343-7	3.6	45
275	Nasal Drug Delivery of Anticancer Drugs for the Treatment of Glioblastoma: Preclinical and Clinical Trials. *Molecules*, **2019**, 24,	4.8	45
274	Lipid-Core Nanocapsules Act as a Drug Shuttle Through the Blood Brain Barrier and Reduce Glioblastoma After Intravenous or Oral Administration. *Journal of Biomedical Nanotechnology*, **2016**, 12, 986-1000	4	44
273	Lipid-core nanocapsules improve the effects of resveratrol against Abeta-induced neuroinflammation. *Journal of Biomedical Nanotechnology*, **2013**, 9, 2086-104	4	44
272	Co-encapsulation of imiquimod and copaiba oil in novel nanostructured systems: promising formulations against skin carcinoma. *European Journal of Pharmaceutical Sciences*, **2015**, 79, 36-43	5.1	43
271	Chitosan coated liposomes as an innovative nanocarrier for drugs. *Journal of Biomedical Nanotechnology*, **2012**, 8, 240-50	4	42
270	Prednisolone-loaded nanocapsules as ocular drug delivery system: development, in vitro drug release and eye toxicity. *Journal of Microencapsulation*, **2014**, 31, 519-28	3.4	41

269	Mucoadhesive Amphiphilic Methacrylic Copolymer-Functionalized Poly(Ecaprolactone) Nanocapsules for Nose-to-Brain Delivery of Olanzapine. *Journal of Biomedical Nanotechnology*, **2015**, 11, 1472-81	4	41
268	Acute and subchronic toxicity evaluation of poly(Ecaprolactone) lipid-core nanocapsules in rats. *Toxicological Sciences*, **2013**, 132, 162-76	4.4	41
267	Lipid-core nanocapsules restrained the indomethacin ethyl ester hydrolysis in the gastrointestinal lumen and wall acting as mucoadhesive reservoirs. *European Journal of Pharmaceutical Sciences*, **2010**, 39, 116-24	5.1	41
266	Interaction between phospholipids bilayer and chitosan in liposomes investigated by 31P NMR spectroscopy. *Colloids and Surfaces B: Biointerfaces*, **2010**, 75, 294-9	6	41
265	The effect of polymeric wall on the permeability of drug-loaded nanocapsules. *Materials Science and Engineering C*, **2008**, 28, 472-478	8.3	41
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263	Development of nanocapsule suspensions and nanocapsule spray-dried powders containing melatonin. *Journal of the Brazilian Chemical Society*, **2006**, 17, 562-569	1.5	40
262	Gelatin-based membrane containing usnic acid-loaded liposome improves dermal burn healing in a porcine model. *International Journal of Pharmaceutics*, **2016**, 513, 473-482	6.5	39
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260	Microparticles of Aloe vera/vitamin E/chitosan: microscopic, a nuclear imaging and an in vivo test analysis for burn treatment. *European Journal of Pharmaceutics and Biopharmaceutics*, **2014**, 86, 292-300	5.7	39
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258	Combined effect of polymeric nanocapsules and chitosan hydrogel on the increase of capsaicinoids adhesion to the skin surface. *Journal of Biomedical Nanotechnology*, **2014**, 10, 820-30	4	38
257	Chitosan gel containing polymeric nanocapsules: a new formulation for vaginal drug delivery. *International Journal of Nanomedicine*, **2014**, 9, 3151-61	7.3	38
256	Selective cytotoxicity of indomethacin and indomethacin ethyl ester-loaded nanocapsules against glioma cell lines: an in vitro study. *European Journal of Pharmacology*, **2008**, 586, 24-34	5.3	38
255	Hydrogels containing redispersible spray-dried melatonin-loaded nanocapsules: a formulation for transdermal-controlled delivery. *Nanoscale Research Letters*, **2012**, 7, 251	5	37
254	Innovative sunscreen formulation based on benzophenone-3-loaded chitosan-coated polymeric nanocapsules. *Skin Pharmacology and Physiology*, **2011**, 24, 166-74	3	37
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245	Physico-chemical characterization and antibacterial activity of inclusion complexes of Hyptis martiusii Benth essential oil in Ecyclodextrin. *Biomedicine and Pharmacotherapy*, **2017**, 89, 201-207	7.5	34
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236	In vivo toxicological evaluation of polymeric nanocapsules after intradermal administration. *European Journal of Pharmaceutics and Biopharmaceutics*, **2014**, 86, 167-77	5.7	32
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224	Laronidase-functionalized multiple-wall lipid-core nanocapsules: promising formulation for a more effective treatment of mucopolysaccharidosis type I. *Pharmaceutical Research*, **2015**, 32, 941-54	4.5	27
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