

Daniel Alberto Allemandi

List of Publications by Year in descending order

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papers

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citations

186265

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docs citations

92
times ranked

2454
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of spray-drying operating conditions on Rhamnus purshiana (C�scara sagrada) extract powder physical properties. Powder Technology, 2011, 208, 205-214.	4.2	135
2	Interaction between a cationic polymethacrylate (Eudragit E100) and anionic drugs. European Journal of Pharmaceutical Sciences, 2008, 33, 72-79.	4.0	81
3	Drug release from carbomer:carbomer sodium salt matrices with potential use as mucoadhesive drug delivery system. International Journal of Pharmaceutics, 2004, 276, 59-66.	5.2	65
4	Ascorbic Acid in Skin Health. Cosmetics, 2019, 6, 58.	3.3	61
5	An efficient ternary complex of acetazolamide with HP-�CD and TEA for topical ocular administration. Journal of Controlled Release, 2009, 138, 24-31.	9.9	56
6	Human serum albumin nanoparticles for ocular delivery of bevacizumab. International Journal of Pharmaceutics, 2018, 541, 214-223.	5.2	56
7	Cystic echinococcosis therapy: Albendazole-loaded lipid nanocapsules enhance the oral bioavailability and efficacy in experimentally infected mice. Acta Tropica, 2015, 152, 185-194.	2.0	50
8	Ricobendazole nanocrystals obtained by media milling and spray drying: Pharmacokinetic comparison with the micronized form of the drug. International Journal of Pharmaceutics, 2020, 585, 119501.	5.2	46
9	Mechanism of Lidocaine Release From Carbomer�Lidocaine hydrogels. Journal of Pharmaceutical Sciences, 2002, 91, 267-272.	3.3	45
10	Self-dispersible nanocrystals of albendazole produced by high pressure homogenization and spray-drying. Drug Development and Industrial Pharmacy, 2016, 42, 1564-1570.	2.0	45
11	Antioxidant Stability Study of Oregano Essential Oil Microcapsules Prepared by Spray�Drying. Journal of Food Science, 2017, 82, 2864-2872.	3.1	45
12	Coagels from Ascorbic Acid Derivatives. Langmuir, 2002, 18, 9219-9224.	3.5	44
13	Release kinetics and up-take studies of model fluoroquinolones from carbomer hydrogels. International Journal of Pharmaceutics, 2002, 246, 17-24.	5.2	44
14	Equilibrium properties and mechanism of kinetic release of metoclopramide from carbomer hydrogels. International Journal of Pharmaceutics, 2003, 250, 129-136.	5.2	44
15	Water of hydration in coagels. Physical Chemistry Chemical Physics, 2004, 6, 1401-1407.	2.8	44
16	Swellable drug-polyelectrolyte matrices (SDPM). International Journal of Pharmaceutics, 2005, 288, 87-99.	5.2	42
17	Improved Albendazole Dissolution Rate in Pluronic 188 Solid Dispersions. AAPS PharmSciTech, 2010, 11, 1518-1525.	3.3	38
18	Design of novel antifungal mucoadhesive films. International Journal of Pharmaceutics, 2007, 336, 263-268.	5.2	37

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19	Nanostructures from alkyl vitamin C derivatives (ASCn): Properties and potential platform for drug delivery. <i>International Journal of Pharmaceutics</i> , 2007, 345, 26-34.	5.2	37
20	Drugs solubilization in ascorbyl- α -decanoate micellar solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 212, 163-173.	4.7	34
21	Swellable drug-polyelectrolyte matrices (SDPM) of alginic acid. <i>International Journal of Pharmaceutics</i> , 2006, 322, 36-43.	5.2	34
22	In vivo effect of bevacizumab-loaded albumin nanoparticles in the treatment of corneal neovascularization. <i>Experimental Eye Research</i> , 2019, 185, 107697.	2.6	34
23	Latanoprost-loaded phytantriol cubosomes for the treatment of glaucoma. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 160, 105748.	4.0	34
24	Solubilization of Hydrophobic Drugs in Octanoyl- α -Ascorbic Acid Micellar Dispersions. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 1810-1816.	3.3	32
25	Hofmeister Effect in Coagels of Ascorbic Acid Based Surfactants. <i>Langmuir</i> , 2003, 19, 9583-9591.	3.5	32
26	Enhanced chemoprophylactic and clinical efficacy of albendazole formulated as solid dispersions in experimental cystic echinococcosis. <i>Veterinary Parasitology</i> , 2014, 203, 80-86.	1.8	32
27	Controlled release and antioxidant activity of chitosan or its glucosamine water-soluble derivative microcapsules loaded with quercetin. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 399-404.	7.5	32
28	Albendazole nanocrystals in experimental alveolar echinococcosis: Enhanced chemoprophylactic and clinical efficacy in infected mice. <i>Veterinary Parasitology</i> , 2018, 251, 78-84.	1.8	31
29	The improvement of aqueous chemical stability of a model basic drug by ion pairing with acid groups of polyelectrolytes. <i>International Journal of Pharmaceutics</i> , 2004, 269, 149-156.	5.2	30
30	Evaluation of the surfactant properties of ascorbyl palmitate sodium salt. <i>European Journal of Pharmaceutical Sciences</i> , 2002, 16, 37-43.	4.0	29
31	Hybrid Formulations of Liposomes and Bioadhesive Polymers Improve the Hypotensive Effect of the Melatonin Analogue 5-MCA-NAT in Rabbit Eyes. <i>PLoS ONE</i> , 2014, 9, e110344.	2.5	29
32	Development of a modified-release hydrophilic matrix system of a plant extract based on co-spray-dried powders. <i>Powder Technology</i> , 2013, 241, 252-262.	4.2	27
33	Novel Polymeric Nanoparticles Intended for Ophthalmic Administration of Acetazolamide. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 3183-3190.	3.3	27
34	Effect of Water Structure on the Formation of Coagels from Ascorbyl-Alkanoates. <i>Langmuir</i> , 2003, 19, 3222-3228.	3.5	26
35	Optimization of skin permeation and distribution of ibuprofen by using nanostructures (coagels) based on alkyl vitamin C derivatives. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 76, 443-449.	4.3	26
36	Self-Assembling Elastin-Like Hydrogels for Timolol Delivery: Development of an Ophthalmic Formulation Against Glaucoma. <i>Molecular Pharmaceutics</i> , 2017, 14, 4498-4508.	4.6	26

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37	Design of novel antifungal mucoadhesive films. <i>International Journal of Pharmaceutics</i> , 2007, 330, 54-60.	5.2	24
38	Spray dried microspheres based on chitosan: A promising new carrier for intranasal administration of polymeric antigen BLSOmp31 for prevention of ovine brucellosis. <i>Materials Science and Engineering C</i> , 2016, 62, 489-496.	7.3	24
39	Neuroprotective effect of melatonin loaded in ethylcellulose nanoparticles applied topically in a retinal degeneration model in rabbits. <i>Experimental Eye Research</i> , 2020, 200, 108222.	2.6	24
40	Double-layered mucoadhesive tablets containing nystatin. <i>AAPS PharmSciTech</i> , 2002, 3, 47-52.	3.3	24
41	Design of <i>Peumus boldus</i> tablets by direct compression using a novel dry plant extract. <i>International Journal of Pharmaceutics</i> , 2002, 233, 191-198.	5.2	23
42	HPLC method for the determination of nystatin in saliva for application in clinical studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 526-530.	2.8	23
43	A Ciprofloxacin Extended Release Tablet Based on Swellable Drug Polyelectrolyte Matrices. <i>AAPS PharmSciTech</i> , 2008, 9, 924-930.	3.3	23
44	The ascorbyl palmitate-water system: Phase diagram and state of water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 375, 178-185.	4.7	23
45	<i>Valeriana officinalis</i> Dry Plant Extract for Direct Compression: Preparation and Characterization. <i>Scientia Pharmaceutica</i> , 2012, 80, 1013-1026.	2.0	22
46	Enhanced dissolution and systemic availability of albendazole formulated as solid dispersions. <i>Pharmaceutical Development and Technology</i> , 2013, 18, 434-442.	2.4	22
47	Adjuvant activity of CpG-ODN formulated as a liquid crystal. <i>Biomaterials</i> , 2014, 35, 2529-2542.	11.4	22
48	Albendazole nanocrystals with improved pharmacokinetic performance in mice. <i>Therapeutic Delivery</i> , 2018, 9, 89-97.	2.2	22
49	In vivo efficacy of bevacizumab-loaded albumin nanoparticles in the treatment of colorectal cancer. <i>Drug Delivery and Translational Research</i> , 2020, 10, 635-645.	5.8	22
50	In-vitro activity of new sulphanilil fluoroquinolones against <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 1994, 34, 261-265.	3.0	21
51	A nanocrystal-based formulation improves the pharmacokinetic performance and therapeutic response of albendazole in dogs. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 70, 51-58.	2.4	21
52	Albendazole-lipid nanocapsules: Optimization, characterization and chemoprophylactic efficacy in mice infected with <i>Echinococcus granulosus</i> . <i>Experimental Parasitology</i> , 2019, 198, 79-86.	1.2	21
53	Swellable drug-polyelectrolyte matrices of drug-carboxymethylcellulose complexes. Characterization and delivery properties. <i>Drug Delivery</i> , 2009, 16, 108-115.	5.7	20
54	Protective role of melatonin on retinal ganglionar cell: In vitro an in vivo evidences. <i>Life Sciences</i> , 2019, 218, 233-240.	4.3	20

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55	Design of a colonic delivery system based on cationic polymethacrylate (Eudragit E100)-mesalamine complexes. <i>Drug Delivery</i> , 2010, 17, 208-213.	5.7	19
56	Improvement of Acetazolamide Ocular Permeation Using Ascorbyl Laurate Nanostructures as Drug Delivery System. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2012, 28, 102-109.	1.4	19
57	RP-HPLC method development for the simultaneous determination of timolol maleate and human serum albumin in albumin nanoparticles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 186-189.	2.8	19
58	Bioadhesive properties of poly(anhydride) nanoparticles coated with different molecular weights chitosan. <i>Journal of Microencapsulation</i> , 2011, 28, 455-463.	2.8	18
59	Interaction between Eudragit® E100 and anionic drugs: Addition of anionic polyelectrolytes and their influence on drug release performance. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 4664-4673.	3.3	18
60	Ocular Delivery of Flurbiprofen Based on Eudragit® E-Flurbiprofen Complex Dispersed in Aqueous Solution: Preparation, Characterization, In Vitro Corneal Penetration, and Ocular Irritation. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3859-3868.	3.3	18
61	Ivermectin lipid-based nanocarriers as novel formulations against head lice. <i>Parasitology Research</i> , 2017, 116, 2111-2117.	1.6	17
62	A Natural Peanut Edible Coating Enhances the Chemical and Sensory Stability of Roasted Peanuts. <i>Journal of Food Science</i> , 2019, 84, 1529-1537.	3.1	17
63	A Linear Free Energy Relationship Treatment of the Affinity between Carboxymethylcellulose and Basic Drugs. <i>Molecular Pharmaceutics</i> , 2004, 1, 383-386.	4.6	16
64	In vitro characterization of new stabilizing albumin nanoparticles as a potential topical drug delivery system in the treatment of corneal neovascularization (CNV). <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 379-385.	3.0	16
65	Dry Plant Extracts Loaded on Fumed Silica for Direct Compression: Preparation and Preformulation. <i>Pharmaceutical Development and Technology</i> , 1999, 4, 523-530.	2.4	15
66	Albendazole sulphoxide kinetic disposition after treatment with different formulations in dogs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2011, 34, 136-141.	1.3	15
67	A liquid crystal of ascorbyl palmitate, used as vaccine platform, provides sustained release of antigen and has intrinsic pro-inflammatory and adjuvant activities which are dependent on MyD88 adaptor protein. <i>Journal of Controlled Release</i> , 2015, 214, 12-22.	9.9	14
68	Formulation of a neutral solution of ciprofloxacin upon complexation with aluminum. <i>Il Farmaco</i> , 1999, 54, 758-760.	0.9	13
69	Colloidal properties of amiodarone in water at low concentration. <i>Journal of Colloid and Interface Science</i> , 2010, 342, 407-414.	9.4	13
70	Class-B CpG-ODN Formulated With a Nanostructure Induces Type I Interferons-Dependent and CD4+ T Cell-Independent CD8+ T-Cell Response Against Unconjugated Protein Antigen. <i>Frontiers in Immunology</i> , 2018, 9, 2319.	4.8	13
71	Self-dispersible nanocrystals of azoxystrobin and cyproconazole with increased efficacy against soilborne fungal pathogens isolated from peanut crops. <i>Powder Technology</i> , 2020, 372, 455-465.	4.2	13
72	Equilibrium and Release Properties of Aqueous Dispersions of Non Steroidal Antiinflammatory Drugs Complexed with Polyelectrolyte Eudragit E 100. <i>Scientia Pharmaceutica</i> , 2012, 80, 487-496.	2.0	12

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73	Coagels from alkanoyl 6-O-ascorbic acid derivatives as drug carriers: structure and rheology. <i>Il Farmaco</i> , 2003, 58, 1271-1276.	0.9	11
74	Immune response induced by conjunctival immunization with polymeric antigen BLSOmp31 using a thermoresponsive and mucoadhesive in situ gel as vaccine delivery system for prevention of ovine brucellosis. <i>Veterinary Immunology and Immunopathology</i> , 2016, 178, 50-56.	1.2	11
75	Use of Differential Scanning Potentiometry in Pharmaceutical Analysis. <i>Journal of Pharmaceutical Sciences</i> , 1991, 80, 80-84.	3.3	9
76	Novel Mucoadhesive Extended Release Tablets for Treatment of Oral Candidosis: <i>In Vivo</i> Evaluation of the Biopharmaceutical Performance. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 1871-1876.	3.3	9
77	Polymers in Ophthalmology. , 2015, , 147-176.		9
78	A Vaccine Based on Kunitz-Type Molecule Confers Protection Against <i>Fasciola hepatica</i> Challenge by Inducing IFN- γ and Antibody Immune Responses Through IL-17A Production. <i>Frontiers in Immunology</i> , 2020, 11, 2087.	4.8	8
79	Phase Behavior of Ascorbyl Palmitate Coagels Loaded with Oligonucleotides as a New Carrier for Vaccine Adjuvants. <i>Journal of Surfactants and Detergents</i> , 2016, 19, 747-757.	2.1	7
80	New Mucoadhesive Polymeric Film for Ophthalmic Administration of Acetazolamide. <i>Recent Patents on Drug Delivery and Formulation</i> , 2014, 8, 224-232.	2.1	7
81	Eugenol carbonate activity against <i>Plasmodium falciparum</i> , <i>Leishmania braziliensis</i> , and <i>Trypanosoma cruzi</i> . <i>Archiv Der Pharmazie</i> , 2022, 355, 2100432.	4.1	7
82	The ascorbyl palmitate-polyethyleneglycol 400-water system phase behavior. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 89, 265-270.	5.0	6
83	Effects of ascorbate fatty ester derivatives on erythrocyte membrane lipoperoxidation. <i>Clinical Hemorheology and Microcirculation</i> , 2011, 47, 163-168.	1.7	5
84	Comparative Plasma Exposure of Albendazole after Administration of Rapidly Disintegrating Tablets in Dogs. <i>BioMed Research International</i> , 2013, 2013, 1-7.	1.9	4
85	Synthesis, In Vitro Antiprotozoal Activity and Cytotoxicity of New Thymol Carbonate Derivatives. <i>ChemistrySelect</i> , 2021, 6, 6597-6600.	1.5	4
86	Vitamin C Based Nanostructures: Potential Utility in Ocular and Transdermal Therapy. <i>Journal of Biomaterials and Tissue Engineering</i> , 2013, 3, 61-69.	0.1	4
87	Spray-drying process as a suitable tool for the formulation of <i>Bacillus velezensis</i> RC218, a proved biocontrol agent to reduce Fusarium Head Blight and deoxynivalenol accumulation in wheat. <i>Biocontrol Science and Technology</i> , 2020, 30, 329-338.	1.3	3
88	Antioxidant status in rabbit aqueous humor after instillation of ascorbyl laurate-based nanostructures. <i>Pharmacological Reports</i> , 2019, 71, 794-797.	3.3	2
89	Recent Advances in Thermosensitive Hydrogels as Drug Delivery Systems: A Review. <i>Drug Delivery Letters</i> , 2011, 1, 135-149.	0.5	2
90	Development and validation of a high performance liquid chromatography method for oligodeoxynucleotides determination in a novel coagel-based formulation. <i>Analytical Chemistry Research</i> , 2015, 4, 20-24.	2.0	1

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91	Evaluation of the Performance of an Ophthalmic Thermosensitive Hydrogel Containing Combination of Suramin and Bevacizumab. <i>Current Pharmaceutical Design</i> , 2017, 22, 6587-6594.	1.9	1