

Claudio Javier SalomÃ³n

List of Publications by Year in descending order

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61
papers

1,364
citations

279487

23
h-index

360668

35
g-index

64
all docs

64
docs citations

64
times ranked

1632
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in chemical deprotection of ester functional groups. <i>Tetrahedron</i> , 1993, 49, 3691-3734.	1.0	87
2	Pulmonary drug delivery: a review on nanocarriers for antibacterial chemotherapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2945-2955.	1.3	68
3	First Century of Chagas' Disease: An Overview on Novel Approaches to Nifurtimox and Benznidazole Delivery Systems. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 888-894.	1.6	67
4	Development of novel formulations for Chagas's disease: Optimization of benznidazole chitosan microparticles based on artificial neural networks. <i>International Journal of Pharmaceutics</i> , 2009, 367, 140-147.	2.6	65
5	Scope and Mechanism of Deprotection of Carboxylic Esters by Bis(tributyltin) Oxide. <i>Journal of Organic Chemistry</i> , 1994, 59, 7259-7266.	1.7	64
6	Development and Evaluation of Buccal Films Based on Chitosan for the Potential Treatment of Oral Candidiasis. <i>AAPS PharmSciTech</i> , 2017, 18, 936-946.	1.5	59
7	Development of prednisone: Polyethylene glycol 6000 fast-release tablets from solid dispersions: Solid-state characterization, dissolution behavior, and formulation parameters. <i>AAPS PharmSciTech</i> , 2007, 8, E108.	1.5	54
8	Development of parenteral formulations and evaluation of the biological activity of the trypanocide drug benznidazole. <i>International Journal of Pharmaceutics</i> , 2006, 307, 239-243.	2.6	50
9	Effects of benznidazole:cyclodextrin complexes on the drug bioavailability upon oral administration to rats. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 543-548.	3.6	50
10	Carbamoylphosphonates, a New Class of in Vivo Active Matrix Metalloproteinase Inhibitors. 1. Alkyl- and Cycloalkylcarbamoylphosphonic Acids. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2826-2832.	2.9	47
11	Bis (tributyltin) oxide. A mild, neutral and selective reagent for cleavage of esters. Scope and limitation of the reaction. <i>Tetrahedron Letters</i> , 1991, 32, 4239-4242.	0.7	45
12	Formulation and in-vitro efficacy of antifungal mucoadhesive polymeric matrices for the delivery of miconazole nitrate. <i>Materials Science and Engineering C</i> , 2017, 79, 140-150.	3.8	45
13	In vivo evaluation of albendazole microspheres for the treatment of <i>Toxocara canis</i> larva migrans. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 451-454.	2.0	39
14	Promising Efficacy of Benznidazole Nanoparticles in Acute <i>Trypanosoma cruzi</i> Murine Model: In-Vitro and In-Vivo Studies. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 388-393.	0.6	37
15	Swellable Matrices for the Controlled Release of Diclofenac Sodium: Formulation and In Vitro Studies. <i>Pharmaceutical Development and Technology</i> , 2004, 9, 75-83.	1.1	35
16	Chitosan-based nanodelivery systems applied to the development of novel triclabendazole formulations. <i>PLoS ONE</i> , 2018, 13, e0207625.	1.1	34
17	Development and characterization of benznidazole nano- and microparticles: A new tool for pediatric treatment of Chagas disease?. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 169-177.	2.5	31
18	Unexpected solvent impact in the crystallinity of praziquantel / poly(vinylpyrrolidone) formulations. A solubility, DSC and solid-state NMR study. <i>International Journal of Pharmaceutics</i> , 2016, 511, 983-993.	2.6	29

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19	Nanocarriers for effective delivery of benznidazole and nifurtimox in the treatment of chagas disease: A review. <i>Acta Tropica</i> , 2019, 198, 105080.	0.9	28
20	Elucidating the impact of low doses of nano-formulated benznidazole in acute experimental Chagas disease. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006119.	1.3	28
21	Spontaneous Lossen Rearrangement of (Phosphonoformyl)hydroxamates. The Migratory Aptitude of the Phosphonyl Group. <i>Journal of Organic Chemistry</i> , 1997, 62, 3858-3861.	1.7	26
22	Recent Trends in the Development of Chitosan-Based Drug Delivery Systems. <i>AAPS PharmSciTech</i> , 2017, 18, 933-935.	1.5	26
23	¹³ C and ¹⁵ N solid-state NMR studies on albendazole and cyclodextrin albendazole complexes. <i>Carbohydrate Polymers</i> , 2015, 123, 130-135.	5.1	24
24	Elucidating the influence of praziquantel nanosuspensions on the in vivo metabolism of <i>Taenia crassiceps cysticerci</i> . <i>Acta Tropica</i> , 2016, 161, 100-105.	0.9	20
25	First solid-state NMR spectroscopy evaluation of complexes of benznidazole with cyclodextrin derivatives. <i>Carbohydrate Polymers</i> , 2015, 131, 90-97.	5.1	19
26	Elucidating the guest-host interactions and complex formation of praziquantel and cyclodextrin derivatives by ¹³ C and ¹⁵ N solid-state NMR spectroscopy. <i>International Journal of Pharmaceutics</i> , 2015, 496, 812-821.	2.6	18
27	Unexpected Performance of Physical Mixtures over Solid Dispersions on the Dissolution Behavior of Benznidazole from Tablets. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 1016-1023.	1.6	17
28	Efficient and selective dealkylation of phosphonate diisopropyl esters using Me ₃ SiBr. <i>Tetrahedron Letters</i> , 1995, 36, 6759-6760.	0.7	16
29	Solving the Delivery Problems of Triclabendazole Using Cyclodextrins. <i>AAPS PharmSciTech</i> , 2018, 19, 2311-2321.	1.5	16
30	A Practical Method for the Disposal of Organotin Residues from Reaction Mixtures. <i>Journal of Organic Chemistry</i> , 2000, 65, 9220-9222.	1.7	15
31	Design, Characterization, and In Vitro Evaluation of Antifungal Polymeric Films. <i>AAPS PharmSciTech</i> , 2013, 14, 64-73.	1.5	15
32	Development and <i>in vitro/in vivo</i> evaluation of a novel benznidazole liquid dosage form using a quality-by-design approach. <i>Tropical Medicine and International Health</i> , 2017, 22, 1514-1522.	1.0	14
33	Improving the Dissolution of Triclabendazole from Stable Crystalline Solid Dispersions Formulated for Oral Delivery. <i>AAPS PharmSciTech</i> , 2020, 21, 16.	1.5	14
34	High efficacy of albendazole-PEG 6000 in the treatment of <i>Toxocara canis</i> larva migrans infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 375-378.	1.3	13
35	Chitosan microparticles: influence of the gelation process on the release profile and oral bioavailability of albendazole, a class II compound. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 1476-1482.	0.9	11
36	Stealth nanocarriers based sterosomes using PEG post-insertion process. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 115, 31-38.	2.0	11

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37	In vivo treatment of experimental neurocysticercosis with praziquantel nanosuspensions: a metabolic approach. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1265-1273.	3.0	11
38	A quality by design approach for optimization of Lecithin/Span® 80 based nanoemulsions loaded with hydrophobic drugs. <i>Journal of Molecular Liquids</i> , 2021, 321, 114743.	2.3	11
39	The 1st International Meeting on Pharmaceutical Sciences (1er RICiFa). <i>AAPS PharmSciTech</i> , 2010, 11, 1-1.	1.5	10
40	Efficacy of novel benznidazole solutions during the experimental infection with <i>Trypanosoma cruzi</i> . <i>Parasitology International</i> , 2013, 62, 79-81.	0.6	10
41	Design and optimization of pH-sensitive Eudragit nanoparticles for improved oral delivery of triclabendazole. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121594.	2.6	10
42	Stereospecific synthesis, 1H and 13C NMR spectroscopy, and X-ray crystallographic studies of 6,6-dibromo-3-oxo-2-cyano-2,2-dimethylpenam-(1R)-S-oxide. <i>Canadian Journal of Chemistry</i> , 1991, 69, 578-583.	0.6	9
43	<i>In vitro</i> studies and preclinical evaluation of benznidazole microparticles in the acute <i>Trypanosoma cruzi</i> murine model. <i>Parasitology</i> , 2021, 148, 566-575.	0.7	9
44	Nanodelivery of nitazoxanide: impact on the metabolism of <i>Taenia crassiceps</i> cysticerci intracranially inoculated in mice. <i>Therapeutic Delivery</i> , 2020, 11, 329-339.	1.2	8
45	Recent Applications of Organotin Oxides/Hydroxides and Alkylstannonic Acids in Organic Synthesis. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 150, 89-97.	0.8	7
46	Preparation, characterization and dissolution studies of fast release diclofenac sodium tablets from PVP solid dispersions. <i>Pharmaceutical Development and Technology</i> , 2010, 15, 162-168.	1.1	7
47	Surfactant-Free Glibenclamide Nanoparticles: Formulation, Characterization and Evaluation of Interactions with Biological Barriers. <i>Pharmaceutical Research</i> , 2021, 38, 1081-1092.	1.7	7
48	Improving the oral delivery of benznidazole nanoparticles by optimizing the formulation parameters through a design of experiment and optimization strategy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112678.	2.5	7
49	Interaction of Myosin Subfragment 1 with Two Non-Nucleotide ATP Analogues. <i>Biochemistry</i> , 1998, 37, 15137-15143.	1.2	3
50	Influence of water uptake, gel network, and disintegration time on prednisone release from encapsulated solid dispersions. <i>Pharmaceutical Development and Technology</i> , 2010, 15, 184-191.	1.1	3
51	Preparation, characterization and dissolution studies of fast release diclofenac sodium tablets from PVP solid dispersions. <i>Pharmaceutical Development and Technology</i> , 2009, 00, 090710041713042-7.	1.1	3
52	REGIO- AND STEREOSELECTIVE ALCOHOLYSIS OF (R)-STYRENE OXIDE WITH BIS-TRIBUTYL TIN OXIDE AND BIS-CHLORODIBUTYL TIN OXIDE. <i>Main Group Metal Chemistry</i> , 1998, 21, .	0.6	2
53	Synthesis of New Potential NMDA Antagonist Based on Acylphosphonate Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999, 147, 367-367.	0.8	2
54	Structural Elucidation of Poloxamer 237 and Poloxamer 237/Praziquantel Solid Dispersions: Impact of Poly(Vinylpyrrolidone) over Drug Recrystallization and Dissolution. <i>AAPS PharmSciTech</i> , 2018, 19, 1274-1286.	1.5	2

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55	A Novel Prototype Device for Microencapsulation of Benznidazole: In Vitro/In Vivo Studies. AAPS PharmSciTech, 2020, 21, 112.	1.5	2
56	Elucidating the Splitting Behavior of Tablets to Optimize the Pharmacotherapy in Veterinary Medicine. AAPS PharmSciTech, 2021, 22, 67.	1.5	1
57	The Effect of Different Formulations of Praziquantel in Reducing Worms in the Prepatent Period of Schistosomiasis in Murine Models. Frontiers in Public Health, 2022, 10, .	1.3	1
58	Foreword to the Proceedings of the 12th National Symposium of Organic Chemistry "Dr. Eduardo Guerreiro", Los Cocos (CÃ³rdoba), Argentina, 14-17 November 1999. Molecules, 2000, 5, 283-284.	1.7	0
59	Regioselective Opening of Epoxides Catalyzed by Sn (IV). A New Method for the Synthesis of Halohydrins?. Molecules, 2000, 5, 468-469.	1.7	0
60	Macromolecules Applied to Pharmaceutical Chemistry. Molecules, 2005, 10, 3-5.	1.7	0
61	Influence of water uptake, gel network, and disintegration time on prednisone release from encapsulated solid dispersions. Pharmaceutical Development and Technology, 2009, 00, 090721052554029-8.	1.1	0