

Marcela R Longhi

List of Publications by Year in descending order

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85
papers

1,637
citations

279798

23
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377865

34
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85
all docs

85
docs citations

85
times ranked

2003
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Amino acids and its pharmaceutical applications: A mini review. International Journal of Pharmaceutics, 2022, 613, 121375. | 5.2 | 20 |
| 2 | Study and development of microemulsion formulations to increase the permeability of acyclovir. Journal of Molecular Liquids, 2022, 348, 118408. | 4.9 | 8 |
| 3 | Insights into the ethanol solvate form of clarithromycin. Journal of Molecular Structure, 2022, 1264, 133170. | 3.6 | 0 |
| 4 | Enhanced dissolution profiles of glibenclamide with amino acids using a cogrinding method. Materials Today Communications, 2021, 26, 102126. | 1.9 | 2 |
| 5 | Structural, physicochemical and biological characterization of chloramphenicol multicomponent complexes. Journal of Molecular Liquids, 2021, 331, 115761. | 4.9 | 9 |
| 6 | Cyclodextrin Multicomponent Complexes: Pharmaceutical Applications. Pharmaceutics, 2021, 13, 1099. | 4.5 | 41 |
| 7 | Binary systems of albendazole desmotropes with amino-acids: Experimental and theoretical studies. Journal of Molecular Liquids, 2021, 340, 117282. | 4.9 | 1 |
| 8 | Improved Activity of Rifampicin Against Biofilms of Staphylococcus aureus by Multicomponent Complexation. AAPS PharmSciTech, 2020, 21, 163. | 3.3 | 7 |
| 9 | Evaluating ternary systems with oligosaccharides as a strategy to improve the biopharmaceutical properties of furosemide. Materials Science and Engineering C, 2020, 111, 110793. | 7.3 | 2 |
| 10 | Innovative technological systems to optimize the delivery and therapeutic activity of antimicrobial drugs. , 2020, , 105-139. | | 1 |
| 11 | Simultaneous improvement of ketoconazole solubility, antifungal and antibiofilm activity by multicomponent complexation. Therapeutic Delivery, 2020, 11, 701-712. | 2.2 | 6 |
| 12 | β -cyclodextrin complexation as an approach to enhance the biopharmaceutical properties of Norfloxacin B Hydrate. Carbohydrate Research, 2019, 485, 107818. | 2.3 | 11 |
| 13 | Investigating a Soluble Pharmaceutical Salt: Albendazole Hydrochloride. Crystal Growth and Design, 2019, 19, 4538-4545. | 3.0 | 14 |
| 14 | Furosemide:Triethanolamine Salt as a Strategy To Improve the Biopharmaceutical Properties and Photostability of the Drug. Crystal Growth and Design, 2019, 19, 2060-2068. | 3.0 | 14 |
| 15 | Influence of proline and β -Cyclodextrin in ketoconazole physicochemical and microbiological performance. Journal of Molecular Structure, 2019, 1176, 470-477. | 3.6 | 10 |
| 16 | Inclusion complexes of β -cyclodextrin and polymorphs of mebendazole: Physicochemical characterization. European Journal of Pharmaceutical Sciences, 2019, 127, 330-338. | 4.0 | 13 |
| 17 | Synthesis and characterization of supramolecular systems containing nifedipine, β -cyclodextrin and aspartic acid. Carbohydrate Polymers, 2019, 205, 480-487. | 10.2 | 16 |
| 18 | Improving Properties of Albendazole Desmotropes by Supramolecular Systems with Maltodextrin and Glutamic Acid. AAPS PharmSciTech, 2018, 19, 1468-1476. | 3.3 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Artificial Lipid Membrane Permeability Method for Predicting Intestinal Drug Transport: Probing the Determining Step in the Oral Absorption of Sulfadiazine; Influence of the Formation of Binary and Ternary Complexes with Cyclodextrins. <i>AAPS PharmSciTech</i> , 2018, 19, 1437-1447. | 3.3 | 8 |
| 20 | Cross-linked hyaluronan films loaded with acetazolamide-cyclodextrin-triethanolamine complexes for glaucoma treatment. <i>Therapeutic Delivery</i> , 2018, 9, 205-220. | 2.2 | 9 |
| 21 | Characterization of systems with amino-acids and oligosaccharides as modifiers of biopharmaceutical properties of furosemide. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 149, 143-150. | 2.8 | 14 |
| 22 | Diloxanide furoate binary complexes with β -, methyl- β -, and hydroxypropyl- β -cyclodextrins: inclusion mode, characterization in solution and in solid state and <i>in vitro</i> dissolution studies. <i>Pharmaceutical Development and Technology</i> , 2018, 23, 723-731. | 2.4 | 4 |
| 23 | Binary and ternary complexes of norfloxacin to improve the solubility of the active pharmaceutical ingredient. <i>Therapeutic Delivery</i> , 2018, 9, 639-652. | 2.2 | 7 |
| 24 | Technological delivery systems to improve biopharmaceutical properties. , 2018, , 253-299. | | 7 |
| 25 | Improving the Stability and the Pharmaceutical Properties of Norfloxacin Form C Through Binary Complexes with β -Cyclodextrin. <i>AAPS PharmSciTech</i> , 2018, 19, 2255-2263. | 3.3 | 11 |
| 26 | Effect of Complexes and Microemulsions on the Permeability of Drugs: Determination Using a New Biomimetic Artificial Membrane. <i>AAPS PharmSciTech</i> , 2018, 19, 2629-2638. | 3.3 | 3 |
| 27 | Toward novel antiparasitic formulations: Complexes of Albendazole desmotropes and β -cyclodextrin. <i>Carbohydrate Polymers</i> , 2017, 164, 379-385. | 10.2 | 15 |
| 28 | Drug release profiles of modified MCM-41 with superparamagnetic behavior correlated with the employed synthesis method. <i>Materials Science and Engineering C</i> , 2017, 78, 674-681. | 7.3 | 21 |
| 29 | Preparation of Chloramphenicol/Amino Acid Combinations Exhibiting Enhanced Dissolution Rates and Reduced Drug-Induced Oxidative Stress. <i>AAPS PharmSciTech</i> , 2017, 18, 2910-2918. | 3.3 | 13 |
| 30 | Liposomes containing cyclodextrins or meglumine to solubilize and improve the bioavailability of poorly soluble drugs. <i>Journal of Molecular Liquids</i> , 2017, 229, 106-113. | 4.9 | 28 |
| 31 | Stability of furosemide polymorphs and the effects of complex formation with β -cyclodextrin and maltodextrin. <i>Carbohydrate Polymers</i> , 2016, 152, 598-604. | 10.2 | 10 |
| 32 | Enhanced inhibition of bacterial biofilm formation and reduced leukocyte toxicity by chloramphenicol: β -cyclodextrin:N-acetylcysteine complex. <i>Carbohydrate Polymers</i> , 2016, 152, 672-678. | 10.2 | 37 |
| 33 | Interaction pathways of specific co-solvents with hydroxypropyl- β -cyclodextrin inclusion complexes with benzimidazole in liquid and solid phase. <i>Journal of Molecular Liquids</i> , 2016, 223, 350-359. | 4.9 | 23 |
| 34 | Targeted chitosan-based bionanocomposites for controlled oral mucosal delivery of chlorhexidine. <i>International Journal of Pharmaceutics</i> , 2016, 509, 408-418. | 5.2 | 43 |
| 35 | Supramolecular aggregates of oligosaccharides with co-solvents in ternary systems for the solubilizing approach of triamcinolone. <i>Carbohydrate Polymers</i> , 2016, 151, 1040-1051. | 10.2 | 10 |
| 36 | Ternary complexation of benzoic acid with β -cyclodextrin and aminoacids. Experimental and theoretical studies. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 85, 33-48. | 1.6 | 16 |

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|----|--|------|-----------|
| 37 | Cyclodextrin and Meglumine-Based Microemulsions as a Poorly Water-Soluble Drug Delivery System. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2703-2711. | 3.3 | 17 |
| 38 | Nanostructured Lipid Carriers as a Strategy to Improve the $in vitro$ Schistosomiasis Activity of Praziquantel. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 761-772. | 0.9 | 31 |
| 39 | Structural and dynamic characterization of solid furosemide polymorphs by NQR and NMR methods. <i>Chemical Physics Letters</i> , 2015, 641, 163-168. | 2.6 | 3 |
| 40 | Development and Characterization of a Biocompatible Soybean Oil-Based Microemulsion for the Delivery of Poorly Water-Soluble Drugs. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3535-3543. | 3.3 | 22 |
| 41 | Investigating Albendazole Desmotropes by Solid-State NMR Spectroscopy. <i>Molecular Pharmaceutics</i> , 2015, 12, 731-741. | 4.6 | 42 |
| 42 | 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 |
| 43 | Inclusion complexes of chloramphenicol with β -cyclodextrin and aminoacids as a way to increase drug solubility and modulate ROS production. <i>Carbohydrate Polymers</i> , 2015, 121, 320-327. | 10.2 | 52 |
| 44 | Influence of β -cyclodextrin on the Properties of Norfloxacin Form A. <i>AAPS PharmSciTech</i> , 2015, 16, 683-691. | 3.3 | 16 |
| 45 | Intestinal uptake and toxicity evaluation of acetazolamide and its multicomponent complexes with hydroxypropyl- β -cyclodextrin in rats. <i>International Journal of Pharmaceutics</i> , 2015, 478, 258-267. | 5.2 | 11 |
| 46 | Triethanolamine Stabilization of Methotrexate- β -Cyclodextrin Interactions in Ternary Complexes. <i>International Journal of Molecular Sciences</i> , 2014, 15, 17077-17099. | 4.1 | 38 |
| 47 | Characterization, inclusion mode, phase-solubility and in vitro release studies of inclusion binary complexes with cyclodextrins and meglumine using sulfamerazine as model drug. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 919-928. | 2.0 | 23 |
| 48 | Improving furosemide polymorphs properties through supramolecular complexes of β -cyclodextrin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 139-145. | 2.8 | 30 |
| 49 | Solubility and release modulation effect of sulfamerazine ternary complexes with cyclodextrins and meglumine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 64-73. | 2.8 | 20 |
| 50 | Increasing Doxycycline Hyclate Photostability by Complexation with β -Cyclodextrin. <i>AAPS PharmSciTech</i> , 2014, 15, 1209-1217. | 3.3 | 39 |
| 51 | Supramolecular complexes of maltodextrin and furosemide polymorphs: a new approach for delivery systems. <i>Carbohydrate Polymers</i> , 2013, 94, 292-300. | 10.2 | 32 |
| 52 | Insights into Novel Supramolecular Complexes of Two Solid Forms of Norfloxacin and β -Cyclodextrin. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3717-3724. | 3.3 | 30 |
| 53 | Host-guest interactions between benzimidazole and beta-cyclodextrin in multicomponent complex systems involving hydrophilic polymers and triethanolamine in aqueous solution. <i>Journal of Molecular Liquids</i> , 2013, 186, 147-156. | 4.9 | 35 |
| 54 | Characterization, dissolution and in vivo evaluation of solid acetazolamide complexes. <i>Carbohydrate Polymers</i> , 2013, 98, 380-390. | 10.2 | 21 |

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|----|---|------|-----------|
| 55 | Binding of Sulfamethazine to β -cyclodextrin and Methyl- β -cyclodextrin. AAPS PharmSciTech, 2013, 14, 727-735. | 3.3 | 22 |
| 56 | Characterization of the Hydrochlorothiazide: β -Cyclodextrin Inclusion Complex. Experimental and Theoretical Methods. Journal of Physical Chemistry B, 2013, 117, 206-217. | 2.6 | 20 |
| 57 | Ibuprofen-Maltodextrin Interaction: Study of Enantiomeric Recognition and Complex Characterization. Pharmacology & Pharmacy, 2013, 04, 18-30. | 0.7 | 13 |
| 58 | Interaction of sulfadiazine with cyclodextrins in aqueous solution and solid state. Carbohydrate Polymers, 2012, 87, 1980-1988. | 10.2 | 27 |
| 59 | Studies of pilocarpine:carbomer intermolecular interactions. International Journal of Pharmaceutics, 2012, 427, 252-259. | 5.2 | 18 |
| 60 | Sulfamethoxazole:hydroxypropyl- β -cyclodextrin complex: preparation and characterization. Journal of Pharmaceutical and Biomedical Analysis, 2012, 63, 74-79. | 2.8 | 50 |
| 61 | Enalapril: β -CD complex: Stability enhancement in solid state. Carbohydrate Polymers, 2011, 86, 716-721. | 10.2 | 22 |
| 62 | Complex formation of chlorhexidine gluconate with hydroxypropyl- β -cyclodextrin (HP β CD) by proton nuclear magnetic resonance spectroscopy (^1H NMR). Carbohydrate Research, 2011, 346, 1037-1046. | 2.3 | 12 |
| 63 | Development of HPLC and UV spectrophotometric methods for the determination of ascorbic acid using hydroxypropyl- β -cyclodextrin and triethanolamine as photostabilizing agents. Analytica Chimica Acta, 2010, 659, 159-166. | 5.4 | 39 |
| 64 | Complexation of Sulfonamides With β -Cyclodextrin Studied by Experimental and Theoretical Methods. Journal of Pharmaceutical Sciences, 2010, 99, 3166-3176. | 3.3 | 32 |
| 65 | Studies on trimethoprim:hydroxypropyl- β -cyclodextrin: aggregate and complex formation. Carbohydrate Research, 2010, 345, 2550-2556. | 2.3 | 56 |
| 66 | Synthesis and characterization of binary and ternary complexes of diclofenac with a methyl- β -CD and monoethanolamine and in vitro transdermal evaluation. European Journal of Medicinal Chemistry, 2010, 45, 4079-4088. | 5.5 | 18 |
| 67 | Promising complexes of acetazolamide for topical ocular administration. Expert Opinion on Drug Delivery, 2010, 7, 943-953. | 5.0 | 16 |
| 68 | An efficient ternary complex of acetazolamide with HP- β -CD and TEA for topical ocular administration. Journal of Controlled Release, 2009, 138, 24-31. | 9.9 | 56 |
| 69 | Synthesis, characterization and in vitro release studies of a new acetazolamide-HP- β -CD-TEA inclusion complex. European Journal of Medicinal Chemistry, 2008, 43, 464-470. | 5.5 | 58 |
| 70 | Specific binding capacity of β -cyclodextrin with cis and trans enalapril: Physicochemical characterization and structural studies by molecular modeling. Bioorganic and Medicinal Chemistry, 2008, 16, 8403-8412. | 3.0 | 18 |
| 71 | Ternary Complexes of Flurbiprofen with HP- β -CD and Ethanolamines Characterization and Transdermal Delivery. Drug Development and Industrial Pharmacy, 2007, 33, 311-326. | 2.0 | 19 |
| 72 | HPLC method for the determination of nystatin in saliva for application in clinical studies. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 526-530. | 2.8 | 23 |

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|----|--|-----|-----------|
| 73 | Study of ascorbic acid interaction with hydroxypropyl- β -cyclodextrin and triethanolamine, separately and in combination. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 536-545. | 2.8 | 62 |
| 74 | Quantitative analysis of enalapril by ^1H NMR spectroscopy in tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 627-630. | 2.8 | 25 |
| 75 | Thermal Analysis and Spectroscopic Characterization of Interactions Between a Naphthoquinone Derivative with HP- β -CD or PVP. <i>Pharmaceutical Development and Technology</i> , 2002, 7, 381-390. | 2.4 | 6 |
| 76 | Second derivative spectrophotometric determination of trimethoprim and sulfamethoxazole in the presence of hydroxypropyl- β -cyclodextrin (HP- β -CD). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 29, 51-59. | 2.8 | 26 |
| 77 | Determination of the Formation Constant of the Inclusion Complex from a Naphthoquinone. <i>Molecules</i> , 2000, 5, 510-511. | 3.8 | 0 |
| 78 | Preparation and Characterization of Solid Complexes of Napthoquinone and Hydroxypropyl- β -Cyclodextrin. <i>Molecules</i> , 2000, 5, 342-344. | 3.8 | 4 |
| 79 | Solubilization of naphthoquinones by complexation with hydroxypropyl- β -cyclodextrin. <i>International Journal of Pharmaceutics</i> , 1997, 159, 13-18. | 5.2 | 21 |
| 80 | High Performance Liquid Chromatography of Isoxazolyl-Naphthoquinones: A Comparison Between Experimental and Theoretical Lipophilicity. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996, 19, 1947-1956. | 1.0 | 2 |
| 81 | Isoxazoles. 8. Preformulation Studies of an Isoxazolynaphthoquinone Derivative. <i>Journal of Pharmaceutical Sciences</i> , 1994, 83, 336-338. | 3.3 | 4 |
| 82 | Isoxazoles. VII: Hydrolysis of 4-Methyl- 5-isoxazolynaphthoquinone Derivatives in Aqueous Solutions. <i>Journal of Pharmaceutical Sciences</i> , 1991, 80, 573-577. | 3.3 | 8 |
| 83 | Isoxazoles VI: Aspects of the Chemical Stability of a New Naphthoquinone-Amine in Acidic Aqueous Solution. <i>Journal of Pharmaceutical Sciences</i> , 1990, 79, 754-757. | 3.3 | 7 |
| 84 | Isoxazoles V: Chemical Stability of Diisoxazolynaphthoquinone in Aqueous Solution. <i>Journal of Pharmaceutical Sciences</i> , 1989, 78, 408-412. | 3.3 | 9 |
| 85 | Pharmaceutical Crystals: Development, Optimization, Characterization and Biopharmaceutical Aspects. , 0 , . | | 0 |