

Luana Perioli

List of Publications by Year in descending order

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80
papers

3,256
citations

136950

32
h-index

155660

55
g-index

80
all docs

80
docs citations

80
times ranked

3421
citing authors

#	ARTICLE	IF	CITATIONS
1	Intercalation compounds of hydrotalcite-like anionic clays with antiinflammatory agents â€” I. Intercalation and in vitro release of ibuprofen. <i>International Journal of Pharmaceutics</i> , 2001, 220, 23-32.	5.2	330
2	Hydrotalcite-like compounds: Versatile layered hosts of molecular anions with biological activity. <i>Microporous and Mesoporous Materials</i> , 2008, 107, 149-160.	4.4	261
3	Development of mucoadhesive patches for buccal administration of ibuprofen. <i>Journal of Controlled Release</i> , 2004, 99, 73-82.	9.9	208
4	Novel mucoadhesive buccal formulation containing metronidazole for the treatment of periodontal disease. <i>Journal of Controlled Release</i> , 2004, 95, 521-533.	9.9	153
5	Effect of hydrotalcite-like compounds on the aqueous solubility of some poorly water-soluble drugs. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 1407-1418.	3.3	113
6	Intercalation compounds of hydrotalcite-like anionic clays with anti-inflammatory agents, II: Uptake of diclofenac for a controlled release formulation. <i>AAPS PharmSciTech</i> , 2002, 3, 77-82.	3.3	98
7	Anionic clays for sunscreen agent safe use: Photoprotection, photostability and prevention of their skin penetration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 62, 185-193.	4.3	96
8	Ketoprofen poly(lactide-co-glycolide) physical interaction. <i>AAPS PharmSciTech</i> , 2007, 8, E78-E85.	3.3	76
9	Chitosan and a modified chitosan as agents to improve performances of mucoadhesive vaginal gels. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 66, 141-145.	5.0	69
10	MCM-41 for furosemide dissolution improvement. <i>Microporous and Mesoporous Materials</i> , 2012, 147, 343-349.	4.4	66
11	Intercalation compounds of hydrotalcite-like anionic clays with anti-inflammatory agents, II: Uptake of diclofenac for a controlled release formulation. <i>AAPS PharmSciTech</i> , 2002, 3, 77-82.	3.3	65
12	Use of anionic clays for photoprotection and sunscreen photostability: Hydrotalcites and phenylbenzimidazole sulfonic acid. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1079-1083.	4.0	64
13	Role of mesoporous silicates on carbamazepine dissolution rate enhancement. <i>Microporous and Mesoporous Materials</i> , 2008, 113, 445-452.	4.4	64
14	How to improve the readability of the patient package leaflet: a survey on the use of colour, print size and layout. <i>Pharmacological Research</i> , 2001, 43, 437-443.	7.1	61
15	FC90 chitosan as a new polymer for metronidazole mucoadhesive tablets for vaginal administration. <i>International Journal of Pharmaceutics</i> , 2009, 377, 120-127.	5.2	61
16	Use of SBA-15 for furosemide oral delivery enhancement. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 46, 43-48.	4.0	60
17	Novel composite microparticles for protein stabilization and delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 36, 226-234.	4.0	54
18	Structural Characterisation of Complex Layered Double Hydroxides and TGAâ€•DSCâ€•MS Study on Thermal Response and Carbonate Contamination in Nitrateâ€•and Organicâ€•Exchanged Hydrotalcites. <i>Chemistry - A European Journal</i> , 2015, 21, 14975-14986.	3.3	53

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19	Development of liposomal capreomycin sulfate formulations: Effects of formulation variables on peptide encapsulation. <i>International Journal of Pharmaceutics</i> , 2006, 311, 172-181.	5.2	52
20	COMPREHENSIBILITY OF THE PACKAGE LEAFLETS OF ALL MEDICINAL PRODUCTS FOR HUMAN USE: A QUESTIONNAIRE SURVEY ABOUT THE USE OF SYMBOLS AND PICTOGRAMS. <i>Pharmacological Research</i> , 2000, 41, 679-688.	7.1	50
21	Sunscreen immobilization on ZnAl-hydrotalcite for new cosmetic formulations. <i>Microporous and Mesoporous Materials</i> , 2008, 107, 180-189.	4.4	50
22	Mucoadhesive bilayered tablets for buccal sustained release of flurbiprofen. <i>AAPS PharmSciTech</i> , 2007, 8, E20-E27.	3.3	45
23	Potential prodrugs of non-steroidal anti-inflammatory agents for targeted drug delivery to the CNS. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 715-727.	5.5	41
24	Structural characterization and thermal and chemical stability of bioactive molecule-hydrotalcite (LDH) nanocomposites. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 13418.	2.8	41
25	Development of a Fast and Clean Intercalation Method for Organic Molecules into Layered Double Hydroxides. <i>Crystal Growth and Design</i> , 2013, 13, 1162-1169.	3.0	40
26	Effects of hydrotalcite-like nanostructured compounds on biopharmaceutical properties and release of BCS class II drugs: The case of flurbiprofen. <i>Applied Clay Science</i> , 2011, 51, 407-413.	5.2	37
27	Bioadhesive polymeric films based on usnic acid for burn wound treatment: Antibacterial and cytotoxicity studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 178, 488-499.	5.0	37
28	Development and characterization of mucoadhesive-thermoresponsive gels for the treatment of oral mucosa diseases. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 142, 105125.	4.0	37
29	New solid mucoadhesive systems for benzydamine vaginal administration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 84, 413-420.	5.0	35
30	Folic acid-layered double hydroxides hybrids in skin formulations: Technological, photochemical and in vitro cytotoxicity on human keratinocytes and fibroblasts. <i>Applied Clay Science</i> , 2019, 168, 382-395.	5.2	35
31	Econazole Nitrate-Loaded MCM-41 for an Antifungal Topical Powder Formulation. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4738-4745.	3.3	33
32	Rheological and functional characterization of new antiinflammatory delivery systems designed for buccal administration. <i>International Journal of Pharmaceutics</i> , 2008, 356, 19-28.	5.2	32
33	New Efficient Intercalation of Bioactive Molecules into Layered Double Hydroxide Materials by Solid-State Exchange: An in Situ XRPD Study. <i>Crystal Growth and Design</i> , 2010, 10, 4710-4712.	3.0	32
34	New oral solid dosage form for furosemide oral administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 621-629.	4.3	32
35	Hydrogel blends with adjustable properties as patches for transdermal delivery. <i>International Journal of Pharmaceutics</i> , 2013, 454, 47-57.	5.2	32
36	In Vitro Anti-Inflammatory Effects of Phenolic Compounds from Moraiolo Virgin Olive Oil (MVOO) in Brain Cells via Regulating the TLR4/NLRP3 Axis. <i>Molecules</i> , 2019, 24, 4523.	3.8	31

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37	Bioadhesive Polymeric Films Based on Red Onion Skins Extract for Wound Treatment: An Innovative and Eco-Friendly Formulation. <i>Molecules</i> , 2020, 25, 318.	3.8	30
38	Physicochemical characterization and release mechanism of a novel prednisone biodegradable microsphere formulation. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 303-317.	3.3	28
39	Formulation studies of benzydamine mucoadhesive formulations for vaginal administration. <i>Drug Development and Industrial Pharmacy</i> , 2009, 35, 769-779.	2.0	28
40	Inorganic matrices: an answer to low drug solubility problem. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 1559-1572.	5.0	27
41	Optimisation of phenol extraction from wine using layered double hydroxides and technological evaluation of the bioactive-rich powder. <i>International Journal of Food Science and Technology</i> , 2017, 52, 2582-2588.	2.7	27
42	Leucinostatin-A loaded nanospheres: characterization and in vivo toxicity and efficacy evaluation. <i>International Journal of Pharmaceutics</i> , 2004, 275, 61-72.	5.2	25
43	Preformulation studies of mucoadhesive tablets for carbamazepine sublingual administration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 915-922.	5.0	25
44	Development and Characterization of Xanthan Gum and Alginate Based Bioadhesive Film for Pycnogenol Topical Use in Wound Treatment. <i>Pharmaceutics</i> , 2021, 13, 324.	4.5	25
45	Preformulation studies on host-guest composites for oral administration of BCS class IV drugs: HTlc and furosemide. <i>Applied Clay Science</i> , 2011, 53, 696-703.	5.2	23
46	Unilamellar vesicles as potential capreomycin sulfate carriers: Preparation and physicochemical characterization. <i>AAPS PharmSciTech</i> , 2003, 4, 549-560.	3.3	22
47	UV spectroscopy and reverse-phase HPLC as novel methods to determine Capreomycin of liposomal fomulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 249-255.	2.8	22
48	Influence of the Nanocomposite MgAl-HTlc on Gastric Absorption of Drugs: In Vitro and Ex Vivo Studies. <i>Pharmaceutical Research</i> , 2013, 30, 156-166.	3.5	22
49	Preparation and characterization of polymeric microparticles loaded with Moringa oleifera leaf extract for exuding wound treatment. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119700.	5.2	22
50	Influence of Compression Force on The Behavior of Mucoadhesive Buccal Tablets. <i>AAPS PharmSciTech</i> , 2008, 9, 274-281.	3.3	20
51	Development of sodium carboxymethyl cellulose based polymeric microparticles for in situ hydrogel wound dressing formation. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120606.	5.2	18
52	Immobilization of kojic acid in ZnAl-hydrotalcite like compounds. <i>Journal of Physics and Chemistry of Solids</i> , 2012, 73, 94-98.	4.0	14
53	Hydrotalcite composites for an effective fluoride buccal administration: A new technological approach. <i>International Journal of Pharmaceutics</i> , 2013, 454, 259-268.	5.2	14
54	Development of Smart Semisolid Formulations to Enhance Retinoic Acid Topical Application. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3904-3912.	3.3	14

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55	Chlorhexidine MCM-41 Mucoadhesive Tablets for Topical Use. <i>Journal of Pharmaceutical Innovation</i> , 2009, 4, 156-164.	2.4	13
56	Effects of different milling techniques on the layered double hydroxides final properties. <i>Applied Clay Science</i> , 2018, 151, 124-133.	5.2	13
57	A Role for Neutral Sphingomyelinase in Wound Healing Induced by Keratinocyte Proliferation upon 1 α , 25-Dihydroxyvitamin D3 Treatment. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3634.	4.1	13
58	Development and Characterization of New Topical Hydrogels Based on Alpha Lipoic Acid-Hydrothermal Hybrids. <i>Cosmetics</i> , 2019, 6, 35.	3.3	13
59	Hazelnut Shells as Source of Active Ingredients: Extracts Preparation and Characterization. <i>Molecules</i> , 2021, 26, 6607.	3.8	13
60	Emulgel Loaded with Flaxseed Extracts as New Therapeutic Approach in Wound Treatment. <i>Pharmaceutics</i> , 2021, 13, 1107.	4.5	12
61	Wound Dressing: Combination of Acacia Gum/PVP/Cyclic Dextrin in Bioadhesive Patches Loaded with Grape Seed Extract. <i>Pharmaceutics</i> , 2022, 14, 485.	4.5	12
62	Safety of Nanoclay/Spring Water Hydrogels: Assessment and Mobility of Hazardous Elements. <i>Pharmaceutics</i> , 2020, 12, 764.	4.5	10
63	Current Highlights About the Safety of Inorganic Nanomaterials in Healthcare. <i>Current Medicinal Chemistry</i> , 2019, 26, 2147-2165.	2.4	10
64	Gastroretentive inorganic-organic hybrids to improve class IV drug absorption. <i>International Journal of Pharmaceutics</i> , 2014, 477, 21-31.	5.2	9
65	Polymeric Bioadhesive Patch Based on Ketoprofen-Hydrothermal Hybrid for Local Treatments. <i>Pharmaceutics</i> , 2020, 12, 733.	4.5	9
66	Microporous material from kanemite for drug inclusion and release. <i>Il Farmaco</i> , 2001, 56, 421-425.	0.9	8
67	Use of calcined Mg-Al-hydrothermal to enhance the stability of celecoxib in the amorphous form. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 66, 253-259.	4.3	8
68	Nanostructured hybrids for the improvement of folic acid biopharmaceutical properties. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 1384-1395.	2.4	8
69	Theoretical Study of Retinol, Niacinamide and Glycolic Acid with Halloysite Clay Mineral as Active Ingredients for Topical Skin Care Formulations. <i>Molecules</i> , 2021, 26, 4392.	3.8	8
70	Evaluation and Optimization of the Conditions for an Improved Ferulic Acid Intercalation into a Synthetic Lamellar Anionic Clay. <i>Pharmaceutical Research</i> , 2006, 23, 604-613.	3.5	7
71	Thermo-mechanical and adhesive properties of polymeric films based on Zn-Al-hydrothermal composites for active wound dressings. <i>Polymer Engineering and Science</i> , 2019, 59, E112.	3.1	7
72	Bioadhesive patches based on carboxymethyl cellulose/polyvinylpyrrolidone/bentonite composites and Soluplus [®] for skin administration of poorly soluble molecules. <i>Applied Clay Science</i> , 2022, 216, 106377.	5.2	7

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73	Crocus sativus L. Petal Extract Inhibits Inflammation and Osteoclastogenesis in RAW 264.7 Cell Model. <i>Pharmaceutics</i> , 2022, 14, 1290.	4.5	6
74	Drugs and non-medical products sold in pharmacy: information and advertising. <i>Pharmacological Research</i> , 2003, 47, 501-508.	7.1	5
75	MgAl and ZnAl-Hydroxaluminates as Materials for Cosmetic and Pharmaceutical Formulations: Study of Their Cytotoxicity on Different Cell Lines. <i>Pharmaceutics</i> , 2022, 15, 784.	3.8	5
76	Rojo Duro Red Onion Extract Loaded Spray Thermogel as a Sustainable Platform for the Treatment of Oral Mucosa Lesions. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 2974-2985.	3.3	4
77	New Technological Approach for Glycyrrhetic Acid Oral and Topical Administration. <i>Current Pharmaceutical Design</i> , 2020, 26, 664-674.	1.9	4
78	Carbonate contamination in nitrate and organic hydroxaluminates by XRPD/TGA-GC-MS. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C955-C955.	0.1	1
79	Structural characterization of the of inorganic and organic hydroxaluminates. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C238-C238.	0.1	1
80	Dentifrice Based on Fluoride-Modified Hydroxaluminum Compounds: Characterization and Release Capacity Evaluation by Novel In Vitro Methods. <i>AAPS PharmSciTech</i> , 2019, 20, 248.	3.3	0