

Milena Lillina Sorrenti

List of Publications by Year in descending order

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80
papers

2,434
citations

236612

25
h-index

223531

46
g-index

81
all docs

81
docs citations

81
times ranked

3419
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan/pectin polyelectrolyte complexes: Selection of suitable preparative conditions for colon-specific delivery of vancomycin. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 35, 435-441.	1.9	187
2	Interactions of ketoprofen and ibuprofen with β -cyclodextrins in solution and in the solid state. <i>International Journal of Pharmaceutics</i> , 1998, 166, 189-203.	2.6	166
3	Formulation and in vivo evaluation of chlorhexidine buccal tablets prepared using drug-loaded chitosan microspheres. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002, 53, 233-239.	2.0	161
4	Albumin nanoparticles carrying cyclodextrins for nasal delivery of the anti-Alzheimer drug tacrine. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 559-565.	1.9	116
5	Pilot Production of Mesenchymal Stem/Stromal Freeze-Dried Secretome for Cell-Free Regenerative Nanomedicine: A Validated GMP-Compliant Process. <i>Cells</i> , 2018, 7, 190.	1.8	108
6	Silk fibroin nanoparticles for celecoxib and curcumin delivery: ROS-scavenging and anti-inflammatory activities in an in vitro model of osteoarthritis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 137, 37-45.	2.0	101
7	Silk nanoparticles: from inert supports to bioactive natural carriers for drug delivery. <i>Soft Matter</i> , 2018, 14, 546-557.	1.2	98
8	Freeze-dried and GMP-compliant pharmaceuticals containing exosomes for acellular mesenchymal stromal cell immunomodulant therapy. <i>Nanomedicine</i> , 2019, 14, 753-765.	1.7	92
9	Wound dressings based on silver sulfadiazine solid lipid nanoparticles for tissue repairing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 84, 84-90.	2.0	88
10	Solid-state characterization and dissolution properties of Naproxen-Arginine-Hydroxypropyl- β -cyclodextrin ternary system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005, 59, 99-106.	2.0	83
11	Stem cell-extracellular vesicles as drug delivery systems: New frontiers for silk/curcumin nanoparticles. <i>International Journal of Pharmaceutics</i> , 2017, 520, 86-97.	2.6	75
12	Structure and Solid-State Chemistry of Anhydrous and Hydrated Crystal forms of the Trimethoprim-Sulfamethoxy pyridazine 1:1 Molecular Complex. , 2000, 89, 478-489.		53
13	Novel mucoadhesive nasal inserts based on chitosan/hyaluronate polyelectrolyte complexes for peptide and protein delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 151-157.	1.2	44
14	Structural relationships, thermal properties, and physicochemical characterization of anhydrous and solvated crystalline forms of tetroxoprim. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 467-481.	1.6	40
15	Identification of RC-33 as a potent and selective β 1 receptor agonist potentiating NGF-induced neurite outgrowth in PC12 cells. Part 2: g-Scale synthesis, physicochemical characterization and in vitro metabolic stability. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2577-2586.	1.4	37
16	pH-sensitive inulin-based nanomicelles for intestinal site-specific and controlled release of celecoxib. <i>Carbohydrate Polymers</i> , 2018, 181, 570-578.	5.1	37
17	In Vitro Effectiveness of Microspheres Based on Silk Sericin and <i>Chlorella vulgaris</i> or <i>Arthrospira platensis</i> for Wound Healing Applications. <i>Materials</i> , 2017, 10, 983.	1.3	35
18	Thermal And Structural Characterization of Commercial α -, β -, and γ -Cyclodextrins. <i>Magyar Árvad Kémlemezények</i> , 2002, 68, 517-529.	1.4	32

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19	Interaction of naproxen with noncrystalline acetyl $\hat{1}^2$ - and acetyl $\hat{1}^3$ -cyclodextrins in the solid and liquid state. <i>European Journal of Pharmaceutical Sciences</i> , 2002, 15, 21-29.	1.9	31
20	Inclusion of <i>trans</i> -resveratrol in methylated cyclodextrins: synthesis and solid-state structures. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 3136-3151.	1.3	31
21	In vitro efficacy of silk sericin microparticles and platelet lysate for intervertebral disk regeneration. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 792-799.	3.6	28
22	Collagen/PCL Nanofibers Electrospun in Green Solvent by DOE Assisted Process. An Insight into Collagen Contribution. <i>Materials</i> , 2020, 13, 4698.	1.3	28
23	Development of solid nanoparticles based on hydroxypropyl- $\hat{1}^2$ -cyclodextrin aimed for the colonic transmucosal delivery of diclofenac sodium. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 472-482.	1.2	27
24	Artichoke (<i>Cynara cardunculus</i> L. var. <i>scolymus</i>) waste as a natural source of carbonyl trapping and antiglycative agents. <i>Food Research International</i> , 2017, 100, 780-790.	2.9	27
25	Interaction of naproxen with alpha-cyclodextrin and its noncyclic analog maltohexaose. <i>Pharmaceutical Research</i> , 1999, 16, 689-694.	1.7	26
26	In-solution Structural Considerations by ^1H NMR and Solid-State Thermal Properties of Inulin- α -Cyclodextrin Copolymer-Tocopherol Succinate (INVITE) Micelles as Drug Delivery Systems for Hydrophobic Drugs. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 2084-2096.	1.1	26
27	Assessment of solid-state interactions of naproxen with amorphous cyclodextrin derivatives by DSC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 30, 1173-1179.	1.4	24
28	Rational design of functionalized polyacrylate-based high internal phase emulsion materials for analytical and biomedical uses. <i>Polymer Chemistry</i> , 2016, 7, 7436-7445.	1.9	24
29	A dry powder formulation from silk fibroin microspheres as a topical auto-gelling device. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 1-10.	1.1	23
30	Controlled delivery systems for tissue repair and regeneration. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 206-228.	1.4	23
31	Novel mucoadhesive nasal inserts based on chitosan/hyaluronate polyelectrolyte complexes for peptide and protein delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 151-157.	1.2	23
32	Biomaterials for Soft Tissue Repair and Regeneration: A Focus on Italian Research in the Field. <i>Pharmaceutics</i> , 2021, 13, 1341.	2.0	20
33	Polymorphism, pseudopolymorphism, and amorphism of peracetylated $\hat{1}^{\pm}$, $\hat{1}^2$, and $\hat{1}^3$ -cyclodextrins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1205-1211.	1.4	19
34	PHARMACEUTICS, PREFORMULATION AND DRUG DELIVERY. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 996-1007.	1.6	19
35	Characterization of silver sulfadiazine-loaded solid lipid nanoparticles by thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 2149-2155.	2.0	19
36	Chitosan Oleate Coated Poly Lactic-Glycolic Acid (PLGA) Nanoparticles versus Chitosan Oleate Self-Assembled Polymeric Micelles, Loaded with Resveratrol. <i>Marine Drugs</i> , 2019, 17, 515.	2.2	19

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37	Eco-sustainable silk sericin from by-product of textile industry can be employed for cosmetic, dermatology and drug delivery. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2549-2560.	1.6	19
38	Physical characterization of picotamide monohydrate and anhydrous picotamide. <i>Journal of Pharmaceutical Sciences</i> , 1999, 88, 1133-1139.	1.6	18
39	Physico-chemical characterization and dissolution properties of niflumic acid-cyclodextrin-PVP ternary systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 104, 291-297.	2.0	18
40	Lisinopril Dihydrate: Single-Crystal X-Ray Structure and Physicochemical Characterization of Derived Solid Forms. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3596-3603.	1.6	18
41	Acrylate-based poly-high internal phase emulsions for effective enzyme immobilization and activity retention: from computationally-assisted synthesis to pharmaceutical applications. <i>Polymer Chemistry</i> , 2018, 9, 87-97.	1.9	18
42	Human Engineered Cartilage and Decellularized Matrix as an Alternative to Animal Osteoarthritis Model. <i>Polymers</i> , 2018, 10, 738.	2.0	18
43	Interaction of Naproxen with Crystalline and Amorphous Methylated β -Cyclodextrin in the Liquid and Solid State. <i>Supramolecular Chemistry</i> , 2001, 12, 379-389.	1.5	17
44	Study of the microstructure of o/w creams with thermal and rheological methods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 73, 623-632.	2.0	17
45	Electrochemotherapy of Deep-Seated Tumors: State of Art and Perspectives as Possible "EPR Effect Enhancer" to Improve Cancer Nanomedicine Efficacy. <i>Cancers</i> , 2021, 13, 4437.	1.7	17
46	Solid-state characterization of tacrine hydrochloride. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 63, 53-61.	1.4	16
47	Polyphenols-Loaded Sericin Self-Assembling Nanoparticles: A Slow-Release for Regeneration by Tissue-Resident Mesenchymal Stem/Stromal Cells. <i>Pharmaceutics</i> , 2020, 12, 381.	2.0	15
48	Nose-to-Brain Delivery of Antioxidants as a Potential Tool for the Therapy of Neurological Diseases. <i>Pharmaceutics</i> , 2020, 12, 1246.	2.0	15
49	Identification of dual Sigma1 receptor modulators/acetylcholinesterase inhibitors with antioxidant and neurotrophic properties, as neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 353-370.	2.6	14
50	Combination of inulin and β -cyclodextrin properties for colon delivery of hydrophobic drugs. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119861.	2.6	14
51	Thermal and structural characterization of cyclomaltonaose (β -cyclodextrin), cyclomaltodecaose (μ -cyclodextrin) and cyclomaltotetradecaose (γ -cyclodextrin). <i>Thermochimica Acta</i> , 2002, 385, 63-71.	1.2	13
52	Vancomycin-Triacetyl Cyclodextrin Interaction Products for Prolonged Drug Delivery. <i>Pharmaceutical Development and Technology</i> , 2008, 13, 65-73.	1.1	13
53	Versatile Nasal Application of Cyclodextrins: Excipients and/or Actives?. <i>Pharmaceutics</i> , 2021, 13, 1180.	2.0	13
54	Thermal studies of solvent exchange in isostructural solvates of a tetroxoprim-sulfametrole complex. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004, 77, 695-708.	2.0	12

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55	Preliminary evaluation of packaging–content interactions: Mechanical and physicochemical characterization of polylactide bottles. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	12
56	In Vitro and Ex Vivo Evaluation of Tablets Containing Piroxicam-Cyclodextrin Complexes for Buccal Delivery. <i>Pharmaceutics</i> , 2019, 11, 398.	2.0	12
57	Inclusion of the Phytoalexin trans-Resveratrol in Native Cyclodextrins: A Thermal, Spectroscopic, and X-Ray Structural Study. <i>Molecules</i> , 2020, 25, 998.	1.7	12
58	Gellan-Based Composite System as a Potential Tool for the Treatment of Nervous Tissue Injuries: Cross-Linked Electrospun Nanofibers Embedded in a RC-33-Loaded Freeze-Dried Matrix. <i>Pharmaceutics</i> , 2021, 13, 164.	2.0	12
59	Trimethoprim–Sulfadimidine 1:2 Molecular Complex Monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 1295-1299.	0.4	11
60	Equine Mesenchymal Stem/Stromal Cells Freeze-Dried Secretome (Lyosecretome) for the Treatment of Musculoskeletal Diseases: Production Process Validation and Batch Release Test for Clinical Use. <i>Pharmaceutics</i> , 2021, 14, 553.	1.7	11
61	Chitosan Oleate Coated PLGA Nanoparticles as siRNA Drug Delivery System. <i>Pharmaceutics</i> , 2021, 13, 1716.	2.0	11
62	Order–Disorder Enantiotropy, Monotropy, and Isostructurality in a Tetroxoprim–Sulfametrole 1:1 Molecular Complex: Crystallographic and Thermal Studies. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 2164-2176.	1.6	9
63	Chitosan Oleate Salt as an Amphiphilic Polymer for the Surface Modification of Poly-Lactic-Glycolic Acid (PLGA) Nanoparticles. Preliminary Studies of Mucoadhesion and Cell Interaction Properties. <i>Marine Drugs</i> , 2018, 16, 447.	2.2	9
64	Design of Experiments-Assisted Development of Clotrimazole-Loaded Ionic Polymeric Micelles Based on Hyaluronic Acid. <i>Nanomaterials</i> , 2020, 10, 635.	1.9	8
65	Native Cyclodextrins as Complexation Agents for Pterostilbene: Complex Preparation and Characterization in Solution and in the Solid State. <i>Pharmaceutics</i> , 2022, 14, 8.	2.0	8
66	Thermoanalytical characterization of pseudopolymorphs of sulphadimidine and sulphadimidine–trimethoprim molecular complexes. <i>Thermochimica Acta</i> , 1998, 321, 67-72.	1.2	6
67	Effect of peracetylation on the conformation of β -cyclodextrin. <i>Chemical Communications</i> , 2007, , 1221-1223.	2.2	6
68	Investigation of the thermal and structural behaviour of diclofenac sodium-sugar ester surfactant systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 885-890.	2.0	6
69	Ambroxol Theophylline-7-acetate Salt Monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 407-410.	0.4	4
70	DSC Study of Crystallinity Changes of Naproxen in Ground Mixtures with Linear Maltooligomers. <i>Journal of Thermal Analysis and Calorimetry</i> , 1998, 51, 993-1000.	2.0	4
71	Solid-state interactions and drug release of teicoplanin in binary combinations with peracetylated β -, γ -, and δ -cyclodextrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 57, 329-332.	1.6	4
72	Thermal characterization of diltiazem and β -carrageenan binary systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 337-342.	2.0	4

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73	Shape fidelity and sterility assessment of 3D printed polycaprolactone and hydroxyapatite scaffolds. Journal of Polymer Research, 2021, 28, 1.	1.2	4
74	Studies of Technological Parameters Influencing the Protein-Polymeric Nanoparticles Adsorption Process for Transmucosal Administration. Current Nanoscience, 2012, 8, 819-829.	0.7	2
75	Differential Scanning Calorimetry Analysis of Crystallinity Changes of Naproxen in Ground Mixtures with Maltohexaose, the Non Cyclic Analog of Alpha-Cyclodextrin. , 1999, , 367-370.		1
76	Dissolution Rate and Thermal Properties of Naproxen in Mixtures with Amorphous or Crystalline Dimethyl Beta-Cyclodextrin. , 1999, , 371-374.		1
77	Inclusion of pterostilbene in natural cyclodextrins: complex preparation and solid-state characterization. , 0, , .		1
78	An update on solid-state characterization of the polyphenol pterostilbene. Journal of Drug Delivery Science and Technology, 2022, 71, 103331.	1.4	1
79	Physico-chemical Characterisation of Silk-based Materials. , 2020, , 165-178.		0
80	Ternary systems of terbinafine hydrochloride inclusion complexes. , 2022, , .		0