

Laura I Mosquera-Giraldo

List of Publications by Year in descending order

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25
papers

884
citations

516710

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610901

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g-index

25
all docs

25
docs citations

25
times ranked

967
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmaceutical Applications of Cellulose Ethers and Cellulose Ether Esters. <i>Biomacromolecules</i> , 2018, 19, 2351-2376.	5.4	192
2	Classâ€“Liquid Phase Separation in Highly Supersaturated Aqueous Solutions of Telaprevir. <i>Molecular Pharmaceutics</i> , 2015, 12, 496-503.	4.6	105
3	Bile Salts as Crystallization Inhibitors of Supersaturated Solutions of Poorly Water-Soluble Compounds. <i>Crystal Growth and Design</i> , 2015, 15, 2593-2597.	3.0	69
4	Impact of surfactants on the crystal growth of amorphous celecoxib. <i>International Journal of Pharmaceutics</i> , 2014, 461, 251-257.	5.2	66
5	Influence of Polymer and Drug Loading on the Release Profile and Membrane Transport of Telaprevir. <i>Molecular Pharmaceutics</i> , 2018, 15, 1700-1713.	4.6	52
6	A Comparison of the Crystallization Inhibition Properties of Bile Salts. <i>Crystal Growth and Design</i> , 2016, 16, 7286-7300.	3.0	45
7	Mechanistic Design of Chemically Diverse Polymers with Applications in Oral Drug Delivery. <i>Biomacromolecules</i> , 2016, 17, 3659-3671.	5.4	44
8	Amphiphilic hydroxyalkyl cellulose derivatives for amorphous solid dispersion prepared by olefin cross-metathesis. <i>Polymer Chemistry</i> , 2016, 7, 4953-4963.	3.9	38
9	Novel cellulose-based amorphous solid dispersions enhance quercetin solution concentrations in vitro. <i>Carbohydrate Polymers</i> , 2017, 157, 86-93.	10.2	37
10	Amphiphilic Cellulose Ethers Designed for Amorphous Solid Dispersion via Olefin Cross-Metathesis. <i>Biomacromolecules</i> , 2016, 17, 454-465.	5.4	30
11	Tandem modification of amphiphilic cellulose ethers for amorphous solid dispersion via olefin cross-metathesis and thiol-Michael addition. <i>Polymer Chemistry</i> , 2017, 8, 3129-3139.	3.9	25
12	Multidrug, Anti-HIV Amorphous Solid Dispersions: Nature and Mechanisms of Impacts of Drugs on Each Otherâ€™s Solution Concentrations. <i>Molecular Pharmaceutics</i> , 2017, 14, 3617-3627.	4.6	25
13	Rifampin Stability and Solution Concentration Enhancement Through Amorphous Solid Dispersion in Cellulose ĩ‰-Carboxyalkanoate Matrices. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 127-138.	3.3	25
14	Phase Behavior of Resveratrol Solid Dispersions Upon Addition to Aqueous media. <i>Pharmaceutical Research</i> , 2015, 32, 3324-3337.	3.5	24
15	Crystallization Inhibition Properties of Cellulose Esters and Ethers for a Group of Chemically Diverse Drugs: Experimental and Computational Insight. <i>Biomacromolecules</i> , 2018, 19, 4593-4606.	5.4	20
16	Phase Behavior of Drug-Hydroxypropyl Methylcellulose Amorphous Solid Dispersions Produced from Various Solvent Systems: Mechanistic Understanding of the Role of Polymer using Experimental and Theoretical Methods. <i>Molecular Pharmaceutics</i> , 2018, 15, 3236-3251.	4.6	17
17	Cellulose-based amorphous solid dispersions enhance rifapentine delivery characteristics in vitro. <i>Carbohydrate Polymers</i> , 2018, 182, 149-158.	10.2	16
18	Synthesis and characterization of alkyl cellulose ĩ‰-carboxyesters for amorphous solid dispersion. <i>Cellulose</i> , 2017, 24, 609-625.	4.9	9

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19	Conjugation of bile esters to cellulose by olefin cross-metathesis: A strategy for accessing complex polysaccharide structures. <i>Carbohydrate Polymers</i> , 2019, 221, 37-47.	10.2	9
20	Interaction of Polymers with Enzalutamide Nanodropletsâ€”Impact on Droplet Properties and Induction Times. <i>Molecular Pharmaceutics</i> , 2021, 18, 836-849.	4.6	9
21	A Mechanistic Study of Drug Mass Transport from Supersaturated Solutions Across PAMPA Membranes. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 102-115.	3.3	9
22	Selective synthesis of curdlan 1%o-carboxyamides by Staudinger ylide nucleophilic ring-opening. <i>Carbohydrate Polymers</i> , 2018, 190, 222-231.	10.2	7
23	Designing synergistic crystallization inhibitors: Bile salt derivatives of cellulose with enhanced hydrophilicity. <i>Carbohydrate Polymers</i> , 2022, 292, 119680.	10.2	6
24	Regioselective Bromination of the Dextran Nonreducing End Creates a Pathway to Dextran-Based Block Copolymers. <i>Biomacromolecules</i> , 2020, 21, 1729-1738.	5.4	5
25	Solvent-Casted Films to Assist Polymer Selection for Amorphous Solid Dispersions During Preclinical Studies: In-vitro and In-vivo Exploration. <i>Pharmaceutical Research</i> , 2021, 38, 901-914.	3.5	0