

Luis M Bimbo

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,019
citations

331670

21
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

2587
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure-induced superelastic behaviour of isonicotinamide. <i>Chemical Communications</i> , 2021, 57, 11827-11830.	4.1	1
2	Non-leaching, Highly Biocompatible Nanocellulose Surfaces That Efficiently Resist Fouling by Bacteria in an Artificial Dermis Model. <i>ACS Applied Bio Materials</i> , 2020, 3, 4095-4108.	4.6	12
3	Crystallisation Behaviour of Pharmaceutical Compounds Confined within Mesoporous Silicon. <i>Pharmaceutics</i> , 2020, 12, 214.	4.5	16
4	Dehydroabietylamine-Based Cellulose Nanofibril Films: A New Class of Sustainable Biomaterials for Highly Efficient, Broad-Spectrum Antimicrobial Effects. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5002-5009.	6.7	8
5	Pulmonary administration of a dry powder formulation of the antifibrotic drug tilorone reduces silica-induced lung fibrosis in mice. <i>International Journal of Pharmaceutics</i> , 2018, 544, 121-128.	5.2	9
6	High-Generation Amphiphilic Janus-Dendrimers as Stabilizing Agents for Drug Suspensions. <i>Biomacromolecules</i> , 2018, 19, 3983-3993.	5.4	11
7	Surface modification of acetaminophen particles by atomic layer deposition. <i>International Journal of Pharmaceutics</i> , 2017, 525, 160-174.	5.2	40
8	Modular synthesis of self-assembling Janus-dendrimers and facile preparation of drug-loaded dendrimersomes. <i>Nanoscale</i> , 2017, 9, 7189-7198.	5.6	23
9	Aerosolization, Drug Permeation and Cellular Interaction of Dry Powder Pulmonary Formulations of Corticosteroids with Hydroxypropyl- β -Cyclodextrin as a Solubilizer. <i>Pharmaceutical Research</i> , 2017, 34, 25-35.	3.5	17
10	Drug permeation and cellular interaction of amino acid-coated drug combination powders for pulmonary delivery. <i>International Journal of Pharmaceutics</i> , 2016, 504, 89-97.	5.2	13
11	Dendrimers and their supramolecular nanostructures for biomedical applications. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 34, 10-20.	3.0	30
12	Self-Assembly of Amphiphilic Janus Dendrimers into Mechanically Robust Supramolecular Hydrogels for Sustained Drug Release. <i>Chemistry - A European Journal</i> , 2015, 21, 14433-14439.	3.3	43
13	Inorganic Nanoparticles in Targeted Drug Delivery and Imaging. <i>Advances in Delivery Science and Technology</i> , 2015, , 571-613.	0.4	12
14	Porous silicon nanoparticles for nanomedicine: preparation and biomedical applications. <i>Nanomedicine</i> , 2014, 9, 535-554.	3.3	155
15	Inhibition of Influenza A Virus Infection <i>in Vitro</i> by Saliphenylhalamide-Loaded Porous Silicon Nanoparticles. <i>ACS Nano</i> , 2013, 7, 6884-6893.	14.6	71
16	Co-delivery of a hydrophobic small molecule and a hydrophilic peptide by porous silicon nanoparticles. <i>Journal of Controlled Release</i> , 2013, 170, 268-278.	9.9	141
17	Nanostructured porous silicon in preclinical imaging: Moving from bench to bedside. <i>Journal of Materials Research</i> , 2013, 28, 152-164.	2.6	54
18	Porous Silicon Nanoparticles. , 2013, , 235-275.		1

#	ARTICLE	IF	CITATIONS
19	Toxicological Profile of Therapeutic Nanodelivery Systems. <i>Current Drug Metabolism</i> , 2012, 13, 1068-1086.	1.2	39
20	Intravenous Delivery of Hydrophobin-Functionalized Porous Silicon Nanoparticles: Stability, Plasma Protein Adsorption and Biodistribution. <i>Molecular Pharmaceutics</i> , 2012, 9, 654-663.	4.6	146
21	Amine Modification of Thermally Carbonized Porous Silicon with Silane Coupling Chemistry. <i>Langmuir</i> , 2012, 28, 14045-14054.	3.5	108
22	A new cocrystal and salts of itraconazole: Comparison of solid-state properties, stability and dissolution behavior. <i>International Journal of Pharmaceutics</i> , 2012, 436, 403-409.	5.2	78
23	Cellular interactions of surface modified nanoporous silicon particles. <i>Nanoscale</i> , 2012, 4, 3184.	5.6	63
24	Toward a siRNA-containing nanoparticle targeted to breast cancer cells and the tumor microenvironment. <i>International Journal of Pharmaceutics</i> , 2012, 434, 9-19.	5.2	45
25	The mucoadhesive and gastroretentive properties of hydrophobin-coated porous silicon nanoparticle oral drug delivery systems. <i>Biomaterials</i> , 2012, 33, 3353-3362.	11.4	125
26	Functional hydrophobin-coating of thermally hydrocarbonized porous silicon microparticles. <i>Biomaterials</i> , 2011, 32, 9089-9099.	11.4	71
27	Drug permeation across intestinal epithelial cells using porous silicon nanoparticles. <i>Biomaterials</i> , 2011, 32, 2625-2633.	11.4	157
28	Mesoporous materials as controlled drug delivery formulations. <i>Journal of Drug Delivery Science and Technology</i> , 2011, 21, 139-155.	3.0	81
29	Multifunctional Porous Silicon for Therapeutic Drug Delivery and Imaging. <i>Current Drug Discovery Technologies</i> , 2011, 8, 228-249.	1.2	97
30	Design of peptide-targeted liposomes containing nucleic acids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 433-441.	2.6	36
31	Biocompatibility of Thermally Hydrocarbonized Porous Silicon Nanoparticles and their Biodistribution in Rats. <i>ACS Nano</i> , 2010, 4, 3023-3032.	14.6	316