

# Luis M Bimbo

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

2,019  
citations

331538

21  
h-index

454834

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatibility of Thermally Hydrocarbonized Porous Silicon Nanoparticles and their Biodistribution in Rats. <i>ACS Nano</i> , 2010, 4, 3023-3032.	7.3	316
2	Drug permeation across intestinal epithelial cells using porous silicon nanoparticles. <i>Biomaterials</i> , 2011, 32, 2625-2633.	5.7	157
3	Porous silicon nanoparticles for nanomedicine: preparation and biomedical applications. <i>Nanomedicine</i> , 2014, 9, 535-554.	1.7	155
4	Intravenous Delivery of Hydrophobin-Functionalized Porous Silicon Nanoparticles: Stability, Plasma Protein Adsorption and Biodistribution. <i>Molecular Pharmaceutics</i> , 2012, 9, 654-663.	2.3	146
5	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.	4.8	141
6	The mucoadhesive and gastroretentive properties of hydrophobin-coated porous silicon nanoparticle oral drug delivery systems. <i>Biomaterials</i> , 2012, 33, 3353-3362.	5.7	125
7	Amine Modification of Thermally Carbonized Porous Silicon with Silane Coupling Chemistry. <i>Langmuir</i> , 2012, 28, 14045-14054.	1.6	108
8	Multifunctional Porous Silicon for Therapeutic Drug Delivery and Imaging. <i>Current Drug Discovery Technologies</i> , 2011, 8, 228-249.	0.6	97
9	Mesoporous materials as controlled drug delivery formulations. <i>Journal of Drug Delivery Science and Technology</i> , 2011, 21, 139-155.	1.4	81
10	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.	2.6	78
11	Functional hydrophobin-coating of thermally hydrocarbonized porous silicon microparticles. <i>Biomaterials</i> , 2011, 32, 9089-9099.	5.7	71
12	Inhibition of Influenza A Virus Infection <i>in Vitro</i> by Saliphenylhalamide-Loaded Porous Silicon Nanoparticles. <i>ACS Nano</i> , 2013, 7, 6884-6893.	7.3	71
13	Cellular interactions of surface modified nanoporous silicon particles. <i>Nanoscale</i> , 2012, 4, 3184.	2.8	63
14	Nanostructured porous silicon in preclinical imaging: Moving from bench to bedside. <i>Journal of Materials Research</i> , 2013, 28, 152-164.	1.2	54
15	Toward a siRNA-containing nanoparticle targeted to breast cancer cells and the tumor microenvironment. <i>International Journal of Pharmaceutics</i> , 2012, 434, 9-19.	2.6	45
16	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.	1.7	43
17	Surface modification of acetaminophen particles by atomic layer deposition. <i>International Journal of Pharmaceutics</i> , 2017, 525, 160-174.	2.6	40
18	Toxicological Profile of Therapeutic Nanodelivery Systems. <i>Current Drug Metabolism</i> , 2012, 13, 1068-1086.	0.7	39

#	ARTICLE	IF	CITATIONS
19	Design of peptide-targeted liposomes containing nucleic acids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 433-441.	1.4	36
20	Dendrimers and their supramolecular nanostructures for biomedical applications. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 34, 10-20.	1.4	30
21	Modular synthesis of self-assembling Janus-dendrimers and facile preparation of drug-loaded dendrimersomes. <i>Nanoscale</i> , 2017, 9, 7189-7198.	2.8	23
22	Aerosolization, Drug Permeation and Cellular Interaction of Dry Powder Pulmonary Formulations of Corticosteroids with Hydroxypropyl- $\beta$ -Cyclodextrin as a Solubilizer. <i>Pharmaceutical Research</i> , 2017, 34, 25-35.	1.7	17
23	Crystallisation Behaviour of Pharmaceutical Compounds Confined within Mesoporous Silicon. <i>Pharmaceutics</i> , 2020, 12, 214.	2.0	16
24	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.	2.6	13
25	Inorganic Nanoparticles in Targeted Drug Delivery and Imaging. <i>Advances in Delivery Science and Technology</i> , 2015, , 571-613.	0.4	12
26	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.	2.3	12
27	High-Generation Amphiphilic Janus-Dendrimers as Stabilizing Agents for Drug Suspensions. <i>Biomacromolecules</i> , 2018, 19, 3983-3993.	2.6	11
28	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.	2.6	9
29	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.	3.2	8
30	Porous Silicon Nanoparticles. , 2013, , 235-275.		1
31	Pressure-induced superelastic behaviour of isonicotinamide. <i>Chemical Communications</i> , 2021, 57, 11827-11830.	2.2	1