

Ian Clair Larson

List of Publications by Year in descending order

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44
papers

1,853
citations

331670

21
h-index

265206

42
g-index

46
all docs

46
docs citations

46
times ranked

2150
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan nanoparticles enhance the intestinal absorption of the green tea catechins (+)-catechin and (âˆ™)-epigallocatechin gallate. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 41, 219-225.	4.0	243
2	Effective use of reducing agents and nanoparticle encapsulation in stabilizing catechins in alkaline solution. <i>Food Chemistry</i> , 2010, 122, 662-667.	8.2	167
3	Atomic force microscopy and direct surface force measurements (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2005, 77, 2149-2170.	1.9	140
4	Chitosan nanoparticles enhance the plasma exposure of (âˆ™)-epigallocatechin gallate in mice through an enhancement in intestinal stability. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 422-426.	4.0	129
5	Improving aerosolization of drug powders by reducing powder intrinsic cohesion via a mechanical dry coating approach. <i>International Journal of Pharmaceutics</i> , 2010, 394, 50-59.	5.2	95
6	Understanding the influence of powder flowability, fluidization and de-agglomeration characteristics on the aerosolization of pharmaceutical model powders. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 40, 412-421.	4.0	81
7	Characterization of the surface properties of a model pharmaceutical fine powder modified with a pharmaceutical lubricant to improve flow via a mechanical dry coating approach. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3421-3430.	3.3	73
8	Adopting an active learning approach to teaching in a research-intensive higher education context transformed staff teaching attitudes and behaviours. <i>Higher Education Research and Development</i> , 2016, 35, 619-633.	2.9	73
9	Relationship between surface concentration of l-leucine and bulk powder properties in spray dried formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 160-169.	4.3	72
10	Phytantriol and glyceryl monooleate cubic liquid crystalline phases as sustained-release oral drug delivery systems for poorly water-soluble drugs II. In-vivo evaluation. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 856-865.	2.4	63
11	Investigation of the extent of surface coating via mechanofusion with varying additive levels and the influences on bulk powder flow properties. <i>International Journal of Pharmaceutics</i> , 2011, 413, 36-43.	5.2	61
12	Phytantriol and glyceryl monooleate cubic liquid crystalline phases as sustained-release oral drug delivery systems for poorly water soluble drugs I. Phase behaviour in physiologically-relevant media. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 844-855.	2.4	55
13	Effect of Surface Coating with Magnesium Stearate via Mechanical Dry Powder Coating Approach on the Aerosol Performance of Micronized Drug Powders from Dry Powder Inhalers. <i>AAPS PharmSciTech</i> , 2013, 14, 38-44.	3.3	53
14	Particle Engineering of Excipients for Direct Compression: Understanding the Role of Material Properties. <i>Current Pharmaceutical Design</i> , 2015, 21, 5877-5889.	1.9	46
15	Adhesion and redistribution of salmeterol xinafoate particles in sugar-based mixtures for inhalation. <i>International Journal of Pharmaceutics</i> , 2007, 337, 229-238.	5.2	42
16	Use of surface energy distributions by inverse gas chromatography to understand mechanofusion processing and functionality of lactose coated with magnesium stearate. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 43, 325-333.	4.0	42
17	Student Engagement with a Flipped Classroom Teaching Design Affects Pharmacology Examination Performance in a Manner Dependent on Question Type. <i>American Journal of Pharmaceutical Education</i> , 2017, 81, 5931.	2.1	39
18	Deformation of 3D printed agglomerates: Multiscale experimental tests and DEM simulation. <i>Chemical Engineering Science</i> , 2020, 217, 115526.	3.8	28

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19	Investigation of the Changes in Aerosolization Behavior Between the Jet-Milled and Spray-Dried Colistin Powders Through Surface Energy Characterization. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1156-1163.	3.3	27
20	Pulmonary Delivery of the Kv1.3-Blocking Peptide HsTX1 [R14A] for the Treatment of Autoimmune Diseases. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 650-656.	3.3	27
21	On the Methods to Measure Powder Flow. <i>Current Pharmaceutical Design</i> , 2015, 21, 5751-5765.	1.9	27
22	Powder Strength Distributions for Understanding De-agglomeration of Lactose Powders. <i>Pharmaceutical Research</i> , 2012, 29, 2926-2935.	3.5	22
23	Impact of a Virtual Dementia Experience on Medical and Pharmacy Students' Knowledge and Attitudes Toward People with Dementia: A Controlled Study. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 867-876.	2.6	21
24	Applying surface energy derived cohesive-adhesive balance model in predicting the mixing, flow and compaction behaviour of interactive mixtures. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 104, 110-116.	4.3	20
25	Relationship between the cohesion of guest particles on the flow behaviour of interactive mixtures. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 102, 168-177.	4.3	19
26	Effect of host particle size on the modification of powder flow behaviours for lactose monohydrate following dry coating. <i>Dairy Science and Technology</i> , 2010, 90, 237-251.	2.2	18
27	An insight into powder entrainment and drug delivery mechanisms from a modified Rotahaler®. <i>International Journal of Pharmaceutics</i> , 2014, 477, 351-360.	5.2	18
28	The role of physico-chemical and bulk characteristics of co-spray dried H-leucine and polyvinylpyrrolidone on glidant and binder properties in interactive mixtures. <i>International Journal of Pharmaceutics</i> , 2015, 479, 338-348.	5.2	18
29	Experimental study of the deformation and breakage of 3D printed agglomerates: Effects of packing density and inter-particle bond strength. <i>Powder Technology</i> , 2018, 340, 299-310.	4.2	18
30	Understanding lactose behaviour during storage by monitoring surface energy change using inverse gas chromatography. <i>Dairy Science and Technology</i> , 2010, 90, 271-285.	2.2	17
31	Assessment of plasma concentrations of (âˆ“)epigallocatechin gallate in mice following administration of a dose reflecting consumption of a standard green tea beverage. <i>Food Chemistry</i> , 2011, 128, 7-13.	8.2	17
32	Enabling Noninvasive Systemic Delivery of the Kv1.3-Blocking Peptide HsTX1 [R14A] via the Buccal Mucosa. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2173-2179.	3.3	17
33	Thinking about critical thinking: An industry perspective. <i>Industry and Higher Education</i> , 2019, 33, 116-126.	2.2	13
34	Developing a Framework for Objective Structured Clinical Examinations Using the Nominal Group Technique. <i>American Journal of Pharmaceutical Education</i> , 2016, 80, 158.	2.1	12
35	Qualitative evaluation of how a virtual dementia experience impacts medical and pharmacy students' self-reported knowledge and attitudes towards people with dementia. <i>Dementia</i> , 2020, 19, 205-220.	2.0	12
36	Dry powder formulation combining bedaquiline with pyrazinamide for latent and drug-resistant tuberculosis. <i>Advanced Powder Technology</i> , 2019, 30, 2473-2482.	4.1	8

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37	Roflumilast Powders for Chronic Obstructive Pulmonary Disease: Formulation Design and the Influence of Device, Inhalation Flow Rate, and Storage Relative Humidity on Aerosolization. <i>Pharmaceutics</i> , 2021, 13, 1254.	4.5	7
38	Development of a Vertically Integrated Pharmacy Degree. <i>Pharmacy (Basel, Switzerland)</i> , 2021, 9, 156.	1.6	7
39	Structured Multi-Stakeholder Workshops to Advance a Global Transformative Roadmap for Pharmaceutical Workforce. <i>Innovations in Pharmacy</i> , 2018, 9, 13.	0.6	2
40	Effect of the deformability of guest particles on the tensile strength of tablets from interactive mixtures. <i>International Journal of Pharmaceutics</i> , 2016, 514, 341-352.	5.2	1
41	A strategy to evaluate the surface energy of high packing efficiency fine powders via inverse gas chromatography. <i>Powder Technology</i> , 2017, 320, 470-473.	4.2	1
42	Strategies to analyse data obtained from liquid intrusion experiments of loose porous materials. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 711-717.	2.8	1
43	Let's talk business: The language recruiters use to attract STEM graduates. <i>Industry and Higher Education</i> , 2020, 34, 69-79.	2.2	0
44	Student engagement with a flipped classroom teaching design affects pharmacology examination performance in a manner dependent on question type. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-7-7.	0.0	0