

Stuart A Jones

List of Publications by Year in descending order

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79
papers

2,991
citations

257450

24
h-index

168389

53
g-index

79
all docs

79
docs citations

79
times ranked

4526
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrologic Setting Dictates the Sensitivity of Ecosystem Metabolism to Climate Variability in Lakes. <i>Ecosystems</i> , 2022, 25, 1328-1345.	3.4	5
2	Needleless administration of advanced therapies into the skin via the appendages using a hypobaric patch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120340119.	7.1	10
3	Nanomaterials fusing with the skin: Alpha-tocopherol phosphate delivery into the viable epidermis to protect against ultraviolet radiation damage. <i>International Journal of Pharmaceutics</i> , 2021, 594, 120000.	5.2	9
4	Quality and use of unlicensed vitamin D preparations in primary care in England: Retrospective review of national prescription data and laboratory analysis. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 1338-1346.	2.4	11
5	Numerical analysis of the strain distribution in skin domes formed upon the application of hypobaric pressure. <i>Skin Research and Technology</i> , 2021, 27, 948-958.	1.6	3
6	Projected changes of regional lake hydrologic characteristics in response to 21st century climate change. <i>Inland Waters</i> , 2021, 11, 335-350.	2.2	4
7	Investigating how amine structure influences drug-amine ion-pair formation and uptake via the polyamine transporter in A549 lung cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 168, 53-61.	4.3	3
8	A Cyclodextrin- ϵ -Stabilized Spermine- ϵ -Tagged Drug Triplex that Targets Theophylline to the Lungs Selectively in Respiratory Emergency. <i>Advanced Therapeutics</i> , 2020, 3, 2000153.	3.2	2
9	Using Polar Ion-Pairs to Control Drug Delivery to the Airways of the Lungs. <i>Molecular Pharmaceutics</i> , 2020, 17, 1482-1490.	4.6	4
10	Cross-Scale Interactions Dictate Regional Lake Carbon Flux and Productivity Response to Future Climate. <i>Geophysical Research Letters</i> , 2019, 46, 8840-8851.	4.0	13
11	Targeting macrophages and their recruitment in the oral cavity using swellable (+) alpha tocopheryl phosphate nanostructures. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102010.	3.3	2
12	Mucus penetrating properties of soft, distensible lipid nanocapsules. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 139, 76-84.	4.3	8
13	Diminishing biofilm resistance to antimicrobial nanomaterials through electrolyte screening of electrostatic interactions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 392-399.	5.0	34
14	Spatially Explicit, Regional-Scale Simulation of Lake Carbon Fluxes. <i>Global Biogeochemical Cycles</i> , 2018, 32, 1276-1293.	4.9	14
15	A Framework for Understanding Variation in Pelagic Gross Primary Production of Lake Ecosystems. <i>Ecosystems</i> , 2018, 21, 1364-1376.	3.4	56
16	Soft, adhesive (+) alpha tocopherol phosphate planar bilayers that control oral biofilm growth through a substantive antimicrobial effect. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2307-2316.	3.3	9
17	Ion-Pairing with Spermine Targets Theophylline To the Lungs via the Polyamine Transport System. <i>Molecular Pharmaceutics</i> , 2018, 15, 861-870.	4.6	11
18	Hydrologic setting constrains lake heterotrophy and terrestrial carbon fate. <i>Limnology and Oceanography Letters</i> , 2018, 3, 256-264.	3.9	25

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19	Integrated, Regional-Scale Hydrologic Modeling of Inland Lakes. <i>Journal of the American Water Resources Association</i> , 2018, 54, 1302-1324.	2.4	9
20	Effective silencing of ENaC by siRNA delivered with epithelial-targeted nanocomplexes in human cystic fibrosis cells and in mouse lung. <i>Thorax</i> , 2018, 73, 847-856.	5.6	50
21	The Influence of Hydrologic Residence Time on Lake Carbon Cycling Dynamics Following Extreme Precipitation Events. <i>Ecosystems</i> , 2017, 20, 1000-1014.	3.4	46
22	Using Salt Counterions to Modify β_2 -Agonist Behavior <i>in Vivo</i> . <i>Molecular Pharmaceutics</i> , 2016, 13, 3439-3448.	4.6	6
23	The application of local hypobaric pressure – A novel means to enhance macromolecule entry into the skin. <i>Journal of Controlled Release</i> , 2016, 226, 66-76.	9.9	8
24	Investigating how the attributes of self-associated drug complexes influence the passive transport of molecules through biological membranes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 102, 214-222.	4.3	11
25	Controlled drug release from lung-targeted nanocarriers via chemically mediated shell permeabilisation. <i>International Journal of Pharmaceutics</i> , 2016, 511, 1033-1041.	5.2	4
26	Investigating the ability of nanoparticle-loaded hydroxypropyl methylcellulose and xanthan gum gels to enhance drug penetration into the skin. <i>International Journal of Pharmaceutics</i> , 2016, 513, 302-308.	5.2	19
27	Lung inflammation does not affect the clearance kinetics of lipid nanocapsules following pulmonary administration. <i>Journal of Controlled Release</i> , 2016, 235, 24-33.	9.9	15
28	New insights into eutectic cream skin penetration enhancement. <i>International Journal of Pharmaceutics</i> , 2016, 499, 403-411.	5.2	1
29	Investigating the influence of drug aggregation on the percutaneous penetration rate of tetracaine when applying low doses of the agent topically to the skin. <i>International Journal of Pharmaceutics</i> , 2016, 502, 10-17.	5.2	5
30	An investigation of how fungal infection influences drug penetration through onychomycosis patient's nail plates. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 102, 178-184.	4.3	38
31	Adenosine monophosphate is elevated in the bronchoalveolar lavage fluid of mice with acute respiratory toxicity induced by nanoparticles with high surface hydrophobicity. <i>Nanotoxicology</i> , 2015, 9, 106-115.	3.0	16
32	Ecosystem Consequences of Changing Inputs of Terrestrial Dissolved Organic Matter to Lakes: Current Knowledge and Future Challenges. <i>Ecosystems</i> , 2015, 18, 376-389.	3.4	382
33	Human Nail Plate Modifications Induced by Onychomycosis: Implications for Topical Therapy. <i>Pharmaceutical Research</i> , 2015, 32, 1626-1633.	3.5	38
34	Triggered-release nanocapsules for drug delivery to the lungs. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 89-97.	3.3	20
35	Eutectic Systems for Penetration Enhancement. , 2015, , 163-173.		2
36	Effect of Cyclodextrins and pH on the permeation of tetracaine: Supramolecular assemblies and release behavior. <i>International Journal of Pharmaceutics</i> , 2014, 466, 349-358.	5.2	15

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37	Modifying theophylline microparticle surfaces via the sequential deposition of poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	5.2	10
38	Quantitative assessment of nanoparticle surface hydrophobicity and its influence on pulmonary biocompatibility. <i>Journal of Controlled Release</i> , 2014, 183, 94-104.	9.9	73
39	Topical corticosteroid delivery into human skin using hydrofluoroalkane metered dose aerosol sprays. <i>International Journal of Pharmaceutics</i> , 2013, 452, 157-165.	5.2	20
40	Pharmacokinetic Evaluation of Intranasally Administered Vinyl Polymer-Coated Lorazepam Microparticles in Rabbits. <i>AAPS Journal</i> , 2012, 14, 218-224.	4.4	10
41	Triggered In Situ Drug Supersaturation and Hydrophilic Matrix Self-Assembly. <i>Pharmaceutical Research</i> , 2012, 29, 3434-3442.	3.5	7
42	The influence of self-assembling supramolecular structures on the passive membrane transport of ion-paired molecules. <i>International Journal of Pharmaceutics</i> , 2012, 439, 334-341.	5.2	7
43	Understanding heat facilitated drug transport across human epidermis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 642-649.	4.3	32
44	Ga(III) complexesâ€”The effect of metal coordination on potential systemic absorption after topical exposure. <i>Toxicology Letters</i> , 2011, 202, 155-160.	0.8	14
45	Dynamic in-situ eutectic formation for topical drug delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 1428-1436.	2.4	12
46	Controlling barrier penetration via exothermic iron oxidation. <i>International Journal of Pharmaceutics</i> , 2011, 404, 42-48.	5.2	12
47	Vinyl polymer-coated lorazepam particles for drug delivery to the airways. <i>International Journal of Pharmaceutics</i> , 2011, 410, 9-16.	5.2	14
48	Suspension versus solution metered dose inhalers: different products, different particles?. <i>Journal of Drug Delivery Science and Technology</i> , 2011, 21, 319-322.	3.0	4
49	An investigation into the influence of binary drug solutions upon diffusion and partition processes in model membranes. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 1615-1623.	2.4	14
50	An investigation into solvent-membrane interactions when assessing drug release from organic vehicles using regenerated cellulose membranes. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 1139-1147.	2.4	25
51	Dynamic foams in topical drug delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 678-684.	2.4	44
52	Tocopheryl acetate disposition in porcine and human skin when administered using lipid nanocarriers. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 762-769.	2.4	11
53	A fundamental investigation into the effects of eutectic formation on transmembrane transport. <i>International Journal of Pharmaceutics</i> , 2010, 393, 68-73.	5.2	23
54	Free radical facilitated damage of unguinal keratin. <i>Free Radical Biology and Medicine</i> , 2010, 49, 865-871.	2.9	8

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55	Recovering Ga(III) from coordination complexes using pyridine 2,6-dicarboxylic acid chelation ion chromatography. <i>Biomedical Chromatography</i> , 2010, 24, 1015-1022.	1.7	8
56	The Topical Delivery of Benzoyl Peroxide Using Elegant Dynamic Hydrofluoroalkane Foams. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 1384-1398.	3.3	7
57	Pharmaceutical foams: are they the answer to the dilemma of topical nanoparticles?. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 227-236.	3.3	60
58	The effects of particle properties on nanoparticle drug retention and release in dynamic minoxidil foams. <i>International Journal of Pharmaceutics</i> , 2010, 383, 277-284.	5.2	25
59	The role of vehicle-nanoparticle interactions in topical drug delivery. <i>International Journal of Pharmaceutics</i> , 2010, 400, 176-182.	5.2	34
60	Engineering novel topical foams using hydrofluoroalkane emulsions stabilised with pluronic surfactants. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 37, 370-377.	4.0	18
61	Determining Degree of Saturation after Application of Transiently Supersaturated Metered Dose Aerosols for Topical Delivery of Corticosteroids. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 543-554.	3.3	17
62	Effects of lipid nanocarriers on the performance of topical vehicles <i>in vivo</i> . <i>Journal of Cosmetic Dermatology</i> , 2009, 8, 136-143.	1.6	17
63	Overcoming the nail barrier: A systematic investigation of unguinal chemical penetration enhancement. <i>International Journal of Pharmaceutics</i> , 2009, 370, 61-67.	5.2	67
64	Transient drug supersaturation kinetics of beclomethasone dipropionate in rapidly drying films. <i>International Journal of Pharmaceutics</i> , 2009, 371, 114-119.	5.2	31
65	Poly(vinyl alcohol) nanoparticle stability in biological media and uptake in respiratory epithelial cell layers <i>in vitro</i> . <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 438-443.	4.3	29
66	A dynamic topical hydrofluoroalkane foam to induce nanoparticle modification and drug release <i>in situ</i> . <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 72, 521-528.	4.3	39
67	A poly(vinyl alcohol) nanoparticle platform for kinetic studies of inhaled particles. <i>Inhalation Toxicology</i> , 2009, 21, 631-640.	1.6	11
68	Manipulation of Corticosteroid Release from a Transiently Supersaturated Topical Metered Dose Aerosol Using A Residual Miscible Co-Solvent. <i>Pharmaceutical Research</i> , 2008, 25, 2573-2580.	3.5	17
69	Back to basics: The development of a simple, homogenous, two-component dry-powder inhaler formulation for the delivery of budesonide using miscible vinyl polymers. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 1257-1267.	3.3	30
70	Multilayer PVA adsorption onto hydrophobic drug substrates to engineer drug-rich microparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 33, 20-28.	4.0	23
71	Nail Swelling as a Pre-formulation Screen for the Selection and Optimisation of Unguinal Penetration Enhancers. <i>Pharmaceutical Research</i> , 2007, 24, 2207-2212.	3.5	85
72	Dermal and Transdermal Drug Delivery Systems: Current and Future Prospects. <i>Drug Delivery</i> , 2006, 13, 175-187.	5.7	525

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73	Stabilisation of deoxyribonuclease in hydrofluoroalkanes using miscible vinyl polymers. Journal of Controlled Release, 2006, 115, 1-8.	9.9	23
74	Manipulation of Beclomethasoneâ€™Hydrofluoroalkane Interactions using Biocompatible Macromolecules. Journal of Pharmaceutical Sciences, 2006, 95, 1060-1074.	3.3	39
75	High-pressure aerosol suspensionsâ€™A novel laser diffraction particle sizing system for hydrofluoroalkane pressurised metered dose inhalers. International Journal of Pharmaceutics, 2005, 302, 154-165.	5.2	22
76	The effects of polyvinyl alcohol on the in vitro stability and delivery of spray-dried protein particles from surfactant-free HFA 134a-based pressurised metered dose inhalers. International Journal of Pharmaceutics, 2005, 304, 29-39.	5.2	44
77	Hyaluronan: Pharmaceutical Characterization and Drug Delivery. Drug Delivery, 2005, 12, 327-342.	5.7	283
78	Hyaluronic acid: a unique topical vehicle for the localized delivery of drugs to the skin. Journal of the European Academy of Dermatology and Venereology, 2005, 19, 308-318.	2.4	285
79	Determination of polyvinylpyrrolidone using high-performance liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2004, 35, 621-624.	2.8	14