

Paul Joyce

List of Publications by Year in descending order

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45
papers

834
citations

430442

18
h-index

525886

27
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45
all docs

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docs citations

45
times ranked

744
citing authors

#	ARTICLE	IF	CITATIONS
1	Mimicking the Gastrointestinal Mucus Barrier: Laboratory-Based Approaches to Facilitate an Enhanced Understanding of Mucus Permeation. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 2819-2837.	2.6	9
2	Chitosan nanoparticles facilitate improved intestinal permeation and oral pharmacokinetics of the mast cell stabiliser cromoglycate. <i>International Journal of Pharmaceutics</i> , 2022, 612, 121382.	2.6	4
3	Liposomal 5-Fluorouracil Polymer Complexes Facilitate Tumor-Specific Delivery: Pharmaco-Distribution Kinetics Using Microdialysis. <i>Pharmaceutics</i> , 2022, 14, 221.	2.0	4
4	Role of Silica Intrawall Microporosity on Abiraterone Acetate Solubilization and <i>In Vivo</i> Oral Absorption. <i>Molecular Pharmaceutics</i> , 2022, 19, 1091-1103.	2.3	2
5	A Comparison of Chitosan, Mesoporous Silica and Poly(lactic-co-glycolic) Acid Nanocarriers for Optimising Intestinal Uptake of Oral Protein Therapeutics. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 217-227.	1.6	9
6	TIRF Microscopy-Based Monitoring of Drug Permeation Across a Lipid Membrane Supported on Mesoporous Silica. <i>Angewandte Chemie</i> , 2021, 133, 2097-2101.	1.6	6
7	A safety, tolerability, and pharmacokinetic study of a novel simvastatin silica-lipid hybrid formulation in healthy male participants. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1261-1272.	3.0	20
8	TIRF Microscopy-Based Monitoring of Drug Permeation Across a Lipid Membrane Supported on Mesoporous Silica. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2069-2073.	7.2	7
9	Diffusion of Lipid Nanovesicles Bound to a Lipid Membrane Is Associated with the Partial-Slip Boundary Condition. <i>Nano Letters</i> , 2021, 21, 8503-8509.	4.5	5
10	Investigation of Self-Emulsifying Drug-Delivery System Interaction with a Biomimetic Membrane under Conditions Relevant to the Small Intestine. <i>Langmuir</i> , 2021, 37, 10200-10213.	1.6	8
11	Bioinspired drug delivery strategies for repurposing conventional antibiotics against intracellular infections. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113948.	6.6	45
12	Harnessing the potential of nanostructured formulations to mimic the food effect of lurasidone. <i>International Journal of Pharmaceutics</i> , 2021, 608, 121098.	2.6	5
13	The effect of drug ionization on lipid-lased formulations for the oral delivery of anti-psychotics. <i>ADMET and DMPK</i> , 2020, 8, 437-451.	1.1	2
14	Influence of Bile Composition on Membrane Incorporation of Transient Permeability Enhancers. <i>Molecular Pharmaceutics</i> , 2020, 17, 4226-4240.	2.3	24
15	Contrasting Anti-obesity Effects of Smectite Clays and Mesoporous Silica in Sprague-Dawley Rats. <i>ACS Applied Bio Materials</i> , 2020, 3, 7779-7788.	2.3	7
16	Porous Nanostructure, Lipid Composition, and Degree of Drug Supersaturation Modulate In Vitro Fenofibrate Solubilization in Silica-Lipid Hybrids. <i>Pharmaceutics</i> , 2020, 12, 687.	2.0	6
17	Independent Size and Fluorescence Emission Determination of Individual Biological Nanoparticles Reveals that Lipophilic Dye Incorporation Does Not Scale with Particle Size. <i>Langmuir</i> , 2020, 36, 9693-9700.	1.6	6
18	Enhancing the Cellular Uptake and Antibacterial Activity of Rifampicin through Encapsulation in Mesoporous Silica Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 815.	1.9	24

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19	Engineering PLGA-Lipid Hybrid Microparticles for Enhanced Macrophage Uptake. ACS Applied Bio Materials, 2020, 3, 4159-4167.	2.3	14
20	Microporosity, Pore Size, and Diffusional Path Length Modulate Lipolysis Kinetics of Triglycerides Adsorbed onto SBA-15 Mesoporous Silica Particles. Langmuir, 2020, 36, 3367-3376.	1.6	7
21	Polymer lipid hybrid (PLH) formulations. , 2020, , 1-27.		1
22	Poly(lactic-co-glycolic) Acid-Lipid Hybrid Microparticles Enhance the Intracellular Uptake and Antibacterial Activity of Rifampicin. ACS Applied Materials & Interfaces, 2020, 12, 8030-8039.	4.0	34
23	Biomaterials that regulate fat digestion for the treatment of obesity. Trends in Food Science and Technology, 2020, 100, 235-245.	7.8	17
24	Supersaturated-Silica Lipid Hybrids Improve in Vitro Solubilization of Abiraterone Acetate. Pharmaceutical Research, 2020, 37, 77.	1.7	9
25	Doxorubicin-Loaded Delta Inulin Conjugates for Controlled and Targeted Drug Delivery: Development, Characterization, and In Vitro Evaluation. Pharmaceutics, 2019, 11, 581.	2.0	20
26	Nanostructured clay particles supplement orlistat action in inhibiting lipid digestion: An in vitro evaluation for the treatment of obesity. European Journal of Pharmaceutical Sciences, 2019, 135, 1-11.	1.9	9
27	An update on polymer-lipid hybrid systems for improving oral drug delivery. Expert Opinion on Drug Delivery, 2019, 16, 507-524.	2.4	38
28	Improving Correlations Between Drug Solubilization and In Vitro Lipolysis by Monitoring the Phase Partitioning of Lipolytic Species for Lipid-Based Formulations. Journal of Pharmaceutical Sciences, 2019, 108, 295-304.	1.6	14
29	Spray Dried Smectite Clay Particles as a Novel Treatment against Obesity. Pharmaceutical Research, 2019, 36, 21.	1.7	15
30	Solidification to improve the biopharmaceutical performance of SEDDS: Opportunities and challenges. Advanced Drug Delivery Reviews, 2019, 142, 102-117.	6.6	76
31	Synergistic effect of PLGA nanoparticles and submicron triglyceride droplets in enhancing the intestinal solubilisation of a lipophilic weak base. European Journal of Pharmaceutical Sciences, 2018, 118, 40-48.	1.9	16
32	Enhancing the lipase-mediated bioaccessibility of omega-3 fatty acids by microencapsulation of fish oil droplets within porous silica particles. Journal of Functional Foods, 2018, 47, 491-502.	1.6	24
33	Engineering intelligent particle-lipid composites that control lipase-mediated digestion. Advances in Colloid and Interface Science, 2018, 260, 1-23.	7.0	20
34	Inorganic surface chemistry and nanostructure controls lipolytic product speciation and partitioning during the digestion of inorganic-lipid hybrid particles. Journal of Colloid and Interface Science, 2018, 532, 666-679.	5.0	16
35	Comparison across Three Hybrid Lipid-Based Drug Delivery Systems for Improving the Oral Absorption of the Poorly Water-Soluble Weak Base Cinnarizine. Molecular Pharmaceutics, 2017, 14, 4008-4018.	2.3	20
36	Modulating the Lipase-Mediated Bioactivity of Particle-Lipid Conjugates Through Changes in Nanostructure and Surface Chemistry. European Journal of Lipid Science and Technology, 2017, 119, 1700213.	1.0	10

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37	Investigation of the biodistribution, breakdown and excretion of delta inulin adjuvant. <i>Vaccine</i> , 2017, 35, 4382-4388.	1.7	17
38	Nanostructured Montmorillonite Clay for Controlling the Lipase-Mediated Digestion of Medium Chain Triglycerides. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32732-32742.	4.0	36
39	Interfacial processes that modulate the kinetics of lipase-mediated catalysis using porous silica host particles. <i>RSC Advances</i> , 2016, 6, 43802-43813.	1.7	27
40	Porous nanostructure controls kinetics, disposition and self-assembly structure of lipid digestion products. <i>RSC Advances</i> , 2016, 6, 78385-78395.	1.7	33
41	Orientating lipase molecules through surface chemical control for enhanced activity: A QCM-D and ToF-SIMS investigation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 173-181.	2.5	31
42	Nanostructuring Biomaterials with Specific Activities towards Digestive Enzymes for Controlled Gastrointestinal Absorption of Lipophilic Bioactive Molecules. <i>Advances in Colloid and Interface Science</i> , 2016, 237, 52-75.	7.0	34
43	Bioactive Hybrid Particles from Poly(ϵ -caprolactone-co-glycolide) Nanoparticle Stabilized Lipid Droplets. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17460-17470.	4.0	30
44	QCM-D and ToF-SIMS Investigation to Deconvolute the Relationship between Lipid Adsorption and Orientation on Lipase Activity. <i>Langmuir</i> , 2015, 31, 10198-10207.	1.6	23
45	The Role of Porous Nanostructure in Controlling Lipase-Mediated Digestion of Lipid Loaded into Silica Particles. <i>Langmuir</i> , 2014, 30, 2779-2788.	1.6	50