

# Paul Joyce

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8913832/publications.pdf>

Version: 2024-02-01

45  
papers

834  
citations

430442

18  
h-index

525886

27  
g-index

45  
all docs

45  
docs citations

45  
times ranked

744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solidification to improve the biopharmaceutical performance of SEDDS: Opportunities and challenges. <i>Advanced Drug Delivery Reviews</i> , 2019, 142, 102-117.	6.6	76
2	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
3	Bioinspired drug delivery strategies for repurposing conventional antibiotics against intracellular infections. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113948.	6.6	45
4	An update on polymer-lipid hybrid systems for improving oral drug delivery. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 507-524.	2.4	38
5	Nanostructured Montmorillonite Clay for Controlling the Lipase-Mediated Digestion of Medium Chain Triglycerides. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 32732-32742.	4.0	36
6	Poly(lactic-co-glycolic) Acid-Lipid Hybrid Microparticles Enhance the Intracellular Uptake and Antibacterial Activity of Rifampicin. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 8030-8039.	4.0	34
7	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
8	Porous nanostructure controls kinetics, disposition and self-assembly structure of lipid digestion products. <i>RSC Advances</i> , 2016, 6, 78385-78395.	1.7	33
9	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
10	Bioactive Hybrid Particles from Poly(D,L-lactide-co-glycolide) Nanoparticle Stabilized Lipid Droplets. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 17460-17470.	4.0	30
11	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
12	Enhancing the lipase-mediated bioaccessibility of omega-3 fatty acids by microencapsulation of fish oil droplets within porous silica particles. <i>Journal of Functional Foods</i> , 2018, 47, 491-502.	1.6	24
13	Influence of Bile Composition on Membrane Incorporation of Transient Permeability Enhancers. <i>Molecular Pharmaceutics</i> , 2020, 17, 4226-4240.	2.3	24
14	Enhancing the Cellular Uptake and Antibacterial Activity of Rifampicin through Encapsulation in Mesoporous Silica Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 815.	1.9	24
15	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
16	Comparison across Three Hybrid Lipid-Based Drug Delivery Systems for Improving the Oral Absorption of the Poorly Water-Soluble Weak Base Cinnarizine. <i>Molecular Pharmaceutics</i> , 2017, 14, 4008-4018.	2.3	20
17	Engineering intelligent particle-lipid composites that control lipase-mediated digestion. <i>Advances in Colloid and Interface Science</i> , 2018, 260, 1-23.	7.0	20
18	Doxorubicin-Loaded Delta Inulin Conjugates for Controlled and Targeted Drug Delivery: Development, Characterization, and In Vitro Evaluation. <i>Pharmaceutics</i> , 2019, 11, 581.	2.0	20

#	ARTICLE	IF	CITATIONS
19	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
20	Investigation of the biodistribution, breakdown and excretion of delta inulin adjuvant. <i>Vaccine</i> , 2017, 35, 4382-4388.	1.7	17
21	Biomaterials that regulate fat digestion for the treatment of obesity. <i>Trends in Food Science and Technology</i> , 2020, 100, 235-245.	7.8	17
22	Synergistic effect of PLGA nanoparticles and submicron triglyceride droplets in enhancing the intestinal solubilisation of a lipophilic weak base. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 118, 40-48.	1.9	16
23	Inorganic surface chemistry and nanostructure controls lipolytic product speciation and partitioning during the digestion of inorganic-lipid hybrid particles. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 666-679.	5.0	16
24	Spray Dried Smectite Clay Particles as a Novel Treatment against Obesity. <i>Pharmaceutical Research</i> , 2019, 36, 21.	1.7	15
25	Improving Correlations Between Drug Solubilization and In Vitro Lipolysis by Monitoring the Phase Partitioning of Lipolytic Species for Lipid-Based Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 295-304.	1.6	14
26	Engineering PLGA-Lipid Hybrid Microparticles for Enhanced Macrophage Uptake. <i>ACS Applied Bio Materials</i> , 2020, 3, 4159-4167.	2.3	14
27	Modulating the Lipase-Mediated Bioactivity of Particle-Lipid Conjugates Through Changes in Nanostructure and Surface Chemistry. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1700213.	1.0	10
28	Nanostructured clay particles supplement orlistat action in inhibiting lipid digestion: An in vitro evaluation for the treatment of obesity. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 135, 1-11.	1.9	9
29	Supersaturated-Silica Lipid Hybrids Improve in Vitro Solubilization of Abiraterone Acetate. <i>Pharmaceutical Research</i> , 2020, 37, 77.	1.7	9
30	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
31	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
32	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
33	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
34	Microporosity, Pore Size, and Diffusional Path Length Modulate Lipolysis Kinetics of Triglycerides Adsorbed onto SBA-15 Mesoporous Silica Particles. <i>Langmuir</i> , 2020, 36, 3367-3376.	1.6	7
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	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
41	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
42	Liposomal 5-Fluorouracil Polymer Complexes Facilitate Tumor-Specific Delivery: Pharmaco-Distribution Kinetics Using Microdialysis. <i>Pharmaceutics</i> , 2022, 14, 221.	2.0	4
43	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
44	Role of Silica Intra-wall Microporosity on Abiraterone Acetate Solubilization and <i>In Vivo</i> Oral Absorption. <i>Molecular Pharmaceutics</i> , 2022, 19, 1091-1103.	2.3	2
45	Polymer lipid hybrid (PLH) formulations. , 2020, , 1-27.		1