Malinda Salim

List of Publications by Year
in descending order

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44	1,651	394421	289244
papers	citations	19 h-index	40 g-index

44	44	44	2589
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Small-volume in vitro lipid digestion measurements for assessing drug dissolution in lipid-based formulations using SAXS. International Journal of Pharmaceutics: X, 2022, 4, 100113.	1.6	1
2	Opportunities for milk and milk-related systems as â€˜newâ€™ low-cost excipient drug delivery materials. Advanced Drug Delivery Reviews, 2022, 183, 114139.	13.7	13
3	Impact of pasteurization on the self-assembly of human milk lipids during digestion. Journal of Lipid Research, 2022, 63, 100183.	4.2	5
4	Structural investigation and steric stabilisation of Guerbet glycolipid-based cubosomes and hexosomes using triblock polyethylene oxide-polypropylene oxide-polyethylene oxide copolymers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129212.	4.7	4
5	Internal liquid crystal structures in nanocarriers containing drug hydrophobic ion pairs dictate drug release. Journal of Colloid and Interface Science, 2021, 582, 815-824.	9.4	13
6	Milk mimicry â€“ Triglyceride mixtures that mimic lipid structuring during the digestion of bovine and human milk. Food Hydrocolloids, 2021, 110, 106126.	10.7	10
7	Sustained absorption of delamanid from lipid-based formulations as a path to reduced frequency of administration. Drug Delivery and Translational Research, 2021, 11, 1236-1244.	5.8	6
8	Chemistry and Geometry of Counterions Used in Hydrophobic Ion Pairing Control Internal Liquid Crystal Phase Behavior and Thereby Drug Release. Molecular Pharmaceutics, 2021, 18, 1666-1676.	4.6	8
9	TAILOR-MS, a Python Package that Deciphers Complex Triacylglycerol Fatty Acyl Structures: Applications for Bovine Milk and Infant Formulas. Analytical Chemistry, 2021, 93, 5684-5690.	6.5	2
10	Probing n-Octyl Î±-d-Glycosides Using Deuterated Water in the Lyotropic Phase by Deuterium NMR. Journal of Physical Chemistry B, 2021, 125, 4393-4408.	2.6	3
11	Emulsions containing optimum cow milk fat and canola oil mixtures replicate the lipid self-assembly of human breast milk during digestion. Journal of Colloid and Interface Science, 2021, 588, 680-691.	9.4	6
12	Human milk composition and the effects of pasteurisation on the activity of its components. Trends in Food Science and Technology, 2021, 111, 166-174.	15.1	14
13	Stability of cubic phase and curvature tuning in the lyotropic system of branched chain galactose-based glycolipid by amphiphilic additives. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 623, 126697.	4.7	11
14	Synergistic and antagonistic effects of non-ionic surfactants with bile saltÂ+ÂphospholipidÂ mixed micelles on the solubility of poorly water-soluble drugs. International Journal of Pharmaceutics, 2020, 588, 119762.	5.2	24
15	Correlating Digestion-Driven Self-Assembly in Milk and Infant Formulas with Changes in Lipid Composition. ACS Applied Bio Materials, 2020, 3, 3087-3098.	4.6	26
16	Lipid Compositions in Infant Formulas Affect the Solubilization of Antimalarial Drugs Artefenomel (OZ439) and Ferroquine during Digestion. Molecular Pharmaceutics, 2020, 17, 2749-2759.	4.6	13
17	Effects of grain source and processing methods on the nutritional profile and digestibility of grain amaranth. Journal of Functional Foods, 2020, 72, 104065.	3.4	31
18	Low-Frequency Raman Scattering Spectroscopy as an Accessible Approach to Understand Drug Solubilization in Milk-Based Formulations during Digestion. Molecular Pharmaceutics, 2020, 17, 885-899.	4.6	19

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19	Solid-State Behavior and Solubilization of Flash Nanoprecipitated Clofazimine Particles during the Dispersion and Digestion of Milk-Based Formulations. Molecular Pharmaceutics, 2019, 16, 2755-2765.	4.6	21
20	Application of Low-Frequency Raman Scattering Spectroscopy to Probe in Situ Drug Solubilization in Milk during Digestion. Journal of Physical Chemistry Letters, 2019, 10, 2258-2263.	4.6	16
21	Impact of Ferroquine on the Solubilization of Artefenomel (OZ439) during in Vitro Lipolysis in Milk and Implications for Oral Combination Therapy for Malaria. Molecular Pharmaceutics, 2019, 16, 1658-1668.	4.6	24
22	Revisiting dispersible milk-drug tablets as a solid lipid formulation in the context of digestion. International Journal of Pharmaceutics, 2019, 554, 179-189.	5.2	21
23	The Curious Case of the OZ439 Mesylate Salt: An Amphiphilic Antimalarial Drug with Diverse Solution and Solid State Structures. Molecular Pharmaceutics, 2018, 15, 2027-2035.	4.6	11
24	A closer look at the behaviour of milk lipids during digestion. Chemistry and Physics of Lipids, 2018, 211, 107-116.	3.2	49
25	The impact of digestion is essential to the understanding of milk as a drug delivery system for poorly water soluble drugs. Journal of Controlled Release, 2018, 292, 13-17.	9.9	38
26	Interactions of Artefenomel (OZ439) with Milk during Digestion: Insights into Digestion-Driven Solubilization and Polymorphic Transformations. Molecular Pharmaceutics, 2018, 15, 3535-3544.	4.6	24
27	Swelling of Bicontinuous Cubic Phases in Guerbet Glycolipid: Effects of Additives. Langmuir, 2016, 32, 5552-5561.	3.5	17
28	Cubosome particles of a novel Guerbet branched chain glycolipid. Liquid Crystals, 2016, 43, 168-174.	2.2	17
29	Biomass derived xylose Guerbet surfactants: thermotropic and lyotropic properties from small-angle X-ray scattering. RSC Advances, 2015, 5, 99125-99132.	3.6	24
30	Alkyl mono- and di-glucoside sugar vesicles as potential drug delivery vehicles: detecting drug release using fluorescence. RSC Advances, 2015, 5, 55536-55543.	3.6	12
31	Structural, mesomorphic, photoluminescence and thermoelectric studies of mononuclear and polymeric complexes of copper(<scp>ii</scp>) with 2-hexyldecanoato and 4,4â€²-bipyridine ligands. Journal of Materials Chemistry C, 2015, 3, 11036-11045.	5.5	13
32	Amphiphilic designer nano-carriers for controlled release: from drug delivery to diagnostics. MedChemComm, 2014, 5, 1602-1618.	3.4	74
33	Vapourâ€mediated ion activation for enhanced SIMS imaging. Surface and Interface Analysis, 2013, 45, 290-293.	1.8	3
34	An insight into iTRAQ: where do we stand now?. Analytical and Bioanalytical Chemistry, 2012, 404, 1011-1027.	3.7	293
35	A solvation-based screening approach for metabolite arrays. Analyst, The, 2012, 137, 2350.	3.5	1
36	A selective metabolite array for the detection of phosphometabolites. Analytica Chimica Acta, 2012, 724, 119-126.	5.4	3

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37	Towards proteomics-on-chip: The role of the surface. Molecular BioSystems, 2011, 7, 101-115.	2.9	20
38	Methods in Quantitative Proteomics: Setting iTRAQ on the Right Track. Current Proteomics, 2011, 8, 17-30.	0.3	42
39	Minimising iTRAQ ratio compression through understanding LCâ€MS elution dependence and highâ€resolution HILIC fractionation. Proteomics, 2011, 11, 2341-2346.	2.2	112
40	Balancing robust quantification and identification for iTRAQ: Application of UHRâ€ToF MS. Proteomics, 2010, 10, 2205-2213.	2.2	28
41	Studies of electroosmotic flow and the effects of protein adsorption in plasmaâ€polymerized microchannel surfaces. Electrophoresis, 2009, 30, 1877-1887.	2.4	37
42	iTRAQ Underestimation in Simple and Complex Mixtures: â€œThe Good, the Bad and the Uglyâ€. Journal of Proteome Research, 2009, 8, 5347-5355.	3.7	469
43	Characterization of fibrinogen adsorption onto glass microcapillary surfaces by ELISA. Lab on A Chip, 2007, 7, 64-70.	6.0	36
44	Non-fouling microfluidic chip produced by radio frequency tetraglyme plasma deposition. Lab on A Chip, 2007, 7, 523.	6.0	37