

Malinda Salim

List of Publications by Year in descending order

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44
papers

1,651
citations

394421

19
h-index

289244

40
g-index

44
all docs

44
docs citations

44
times ranked

2589
citing authors

#	ARTICLE	IF	CITATIONS
1	iTRAQ Underestimation in Simple and Complex Mixtures: "The Good, the Bad and the Ugly" Journal of Proteome Research, 2009, 8, 5347-5355.	3.7	469
2	An insight into iTRAQ: where do we stand now?. Analytical and Bioanalytical Chemistry, 2012, 404, 1011-1027.	3.7	293
3	Minimising iTRAQ ratio compression through understanding LC-MS elution dependence and high-resolution HILIC fractionation. Proteomics, 2011, 11, 2341-2346.	2.2	112
4	Amphiphilic designer nano-carriers for controlled release: from drug delivery to diagnostics. MedChemComm, 2014, 5, 1602-1618.	3.4	74
5	A closer look at the behaviour of milk lipids during digestion. Chemistry and Physics of Lipids, 2018, 211, 107-116.	3.2	49
6	Methods in Quantitative Proteomics: Setting iTRAQ on the Right Track. Current Proteomics, 2011, 8, 17-30.	0.3	42
7	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
8	Non-fouling microfluidic chip produced by radio frequency tetraglyme plasma deposition. Lab on A Chip, 2007, 7, 523.	6.0	37
9	Studies of electroosmotic flow and the effects of protein adsorption in plasma-polymerized microchannel surfaces. Electrophoresis, 2009, 30, 1877-1887.	2.4	37
10	Characterization of fibrinogen adsorption onto glass microcapillary surfaces by ELISA. Lab on A Chip, 2007, 7, 64-70.	6.0	36
11	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
12	Balancing robust quantification and identification for iTRAQ: Application of UHR-TOF MS. Proteomics, 2010, 10, 2205-2213.	2.2	28
13	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
14	Biomass derived xylose Guerbet surfactants: thermotropic and lyotropic properties from small-angle X-ray scattering. RSC Advances, 2015, 5, 99125-99132.	3.6	24
15	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
16	Impact of Ferroquine on the Solubilization of Artefenomel (OZ439) during <i>in Vitro</i> Lipolysis in Milk and Implications for Oral Combination Therapy for Malaria. Molecular Pharmaceutics, 2019, 16, 1658-1668.	4.6	24
17	Synergistic and antagonistic effects of non-ionic surfactants with bile salt-phospholipid mixed micelles on the solubility of poorly water-soluble drugs. International Journal of Pharmaceutics, 2020, 588, 119762.	5.2	24
18	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

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19	Revisiting dispersible milk-drug tablets as a solid lipid formulation in the context of digestion. <i>International Journal of Pharmaceutics</i> , 2019, 554, 179-189.	5.2	21
20	Towards proteomics-on-chip: The role of the surface. <i>Molecular BioSystems</i> , 2011, 7, 101-115.	2.9	20
21	Low-Frequency Raman Scattering Spectroscopy as an Accessible Approach to Understand Drug Solubilization in Milk-Based Formulations during Digestion. <i>Molecular Pharmaceutics</i> , 2020, 17, 885-899.	4.6	19
22	Swelling of Bicontinuous Cubic Phases in Guerbet Glycolipid: Effects of Additives. <i>Langmuir</i> , 2016, 32, 5552-5561.	3.5	17
23	Cubosome particles of a novel Guerbet branched chain glycolipid. <i>Liquid Crystals</i> , 2016, 43, 168-174.	2.2	17
24	Application of Low-Frequency Raman Scattering Spectroscopy to Probe in Situ Drug Solubilization in Milk during Digestion. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2258-2263.	4.6	16
25	Human milk composition and the effects of pasteurisation on the activity of its components. <i>Trends in Food Science and Technology</i> , 2021, 111, 166-174.	15.1	14
26	Structural, mesomorphic, photoluminescence and thermoelectric studies of mononuclear and polymeric complexes of copper(II) with 2-hexyldecanoate and 4,4'-bipyridine ligands. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11036-11045.	5.5	13
27	Lipid Compositions in Infant Formulas Affect the Solubilization of Antimalarial Drugs Artefenomel (OZ439) and Ferroquine during Digestion. <i>Molecular Pharmaceutics</i> , 2020, 17, 2749-2759.	4.6	13
28	Internal liquid crystal structures in nanocarriers containing drug hydrophobic ion pairs dictate drug release. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 815-824.	9.4	13
29	Opportunities for milk and milk-related systems as a new low-cost excipient drug delivery materials. <i>Advanced Drug Delivery Reviews</i> , 2022, 183, 114139.	13.7	13
30	Alkyl mono- and di-glucoside sugar vesicles as potential drug delivery vehicles: detecting drug release using fluorescence. <i>RSC Advances</i> , 2015, 5, 55536-55543.	3.6	12
31	The Curious Case of the OZ439 Mesylate Salt: An Amphiphilic Antimalarial Drug with Diverse Solution and Solid State Structures. <i>Molecular Pharmaceutics</i> , 2018, 15, 2027-2035.	4.6	11
32	Stability of cubic phase and curvature tuning in the lyotropic system of branched chain galactose-based glycolipid by amphiphilic additives. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 623, 126697.	4.7	11
33	Milk mimicry – Triglyceride mixtures that mimic lipid structuring during the digestion of bovine and human milk. <i>Food Hydrocolloids</i> , 2021, 110, 106126.	10.7	10
34	Chemistry and Geometry of Counterions Used in Hydrophobic Ion Pairing Control Internal Liquid Crystal Phase Behavior and Thereby Drug Release. <i>Molecular Pharmaceutics</i> , 2021, 18, 1666-1676.	4.6	8
35	Sustained absorption of delamanid from lipid-based formulations as a path to reduced frequency of administration. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1236-1244.	5.8	6
36	Emulsions containing optimum cow milk fat and canola oil mixtures replicate the lipid self-assembly of human breast milk during digestion. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 680-691.	9.4	6

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37	Impact of pasteurization on the self-assembly of human milk lipids during digestion. <i>Journal of Lipid Research</i> , 2022, 63, 100183.	4.2	5
38	Structural investigation and steric stabilisation of Guerbet glycolipid-based cubosomes and hexosomes using triblock polyethylene oxide-polypropylene oxide-polyethylene oxide copolymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129212.	4.7	4
39	A selective metabolite array for the detection of phosphometabolites. <i>Analytica Chimica Acta</i> , 2012, 724, 119-126.	5.4	3
40	Vapour-mediated ion activation for enhanced SIMS imaging. <i>Surface and Interface Analysis</i> , 2013, 45, 290-293.	1.8	3
41	Probing n-Octyl β -D-Glycosides Using Deuterated Water in the Lyotropic Phase by Deuterium NMR. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4393-4408.	2.6	3
42	TAILOR-MS, a Python Package that Deciphers Complex Triacylglycerol Fatty Acyl Structures: Applications for Bovine Milk and Infant Formulas. <i>Analytical Chemistry</i> , 2021, 93, 5684-5690.	6.5	2
43	A solvation-based screening approach for metabolite arrays. <i>Analyst</i> , The, 2012, 137, 2350.	3.5	1
44	Small-volume in vitro lipid digestion measurements for assessing drug dissolution in lipid-based formulations using SAXS. <i>International Journal of Pharmaceutics: X</i> , 2022, 4, 100113.	1.6	1