Hanne Roberg-Larsen

List of Publications by Year
in descending order

23 papers	717 citations	687363 13 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	1407 citing authors

#	Article	IF	Citations
1	Pharmacologic and genetic inhibition of cholesterol esterification enzymes reduces tumour burden: A systematic review and meta-analysis of preclinical models. Biochemical Pharmacology, 2022, 196, 114731.	4.4	5
2	Liver x receptor alpha drives chemoresistance in response to side-chain hydroxycholesterols in triple negative breast cancer. Oncogene, 2021, 40, 2872-2883.	5.9	23
3	Recent advances in on-line upfront devices for sensitive bioanalytical nano LC methods. TrAC - Trends in Analytical Chemistry, 2021, 136, 116190.	11.4	14
4	Liquid chromatography, a key tool for the advancement of single-cell omics analysis. Analytica Chimica Acta, 2021, 1178, 338551.	5.4	20
5	Mass spectrometry-based measurements of cyclic adenosine monophosphate in cells, simplified using reversed phase liquid chromatography with a polar characterized stationary phase. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1160, 122384.	2.3	2
6	Hyphenations of one-dimensional capillary liquid chromatography with mass spectrometry. , 2020, , 319-367.		1
7	ER-Negative Breast Cancer Is Highly Responsive to Cholesterol Metabolite Signalling. Nutrients, 2019, 11, 2618.	4.1	14
8	Impaired LXRÎ± Phosphorylation Attenuates Progression of Fatty Liver Disease. Cell Reports, 2019, 26, 984-995.e6.	6.4	46
9	Fast liquid chromatography-mass spectrometry reveals side chain oxysterol heterogeneity in breast cancer tumour samples. Journal of Steroid Biochemistry and Molecular Biology, 2019, 192, 105309.	2.5	23
10	Ultracentrifugation versus kit exosome isolation: nanoLCâ€“MS and other tools reveal similar performance biomarkers, but also contaminations. Future Science OA, 2019, 5, FSO359.	1.9	25
11	Chromatography of oxysterols. Biochimie, 2018, 153, 3-12.	2.6	11
12	Mass spectrometric detection of 27-hydroxycholesterol in breast cancer exosomes. Journal of Steroid Biochemistry and Molecular Biology, 2017, 169, 22-28.	2.5	64
13	Non-aqueous capillary electrophoretic separation of cholesterol and 25-hydroxycholesterol after derivatization with Girard P reagent. Chemistry and Physics of Lipids, 2017, 207, 87-91.	3.2	6
14	Synthesis, in vitro and in vivo biological evaluation of new oxysterols as modulators of the liver X receptors. Journal of Steroid Biochemistry and Molecular Biology, 2017, 165, 323-330.	2.5	5
15	Rugged Large Volume Injection for Sensitive Capillary LC-MS Environmental Monitoring. Frontiers in Chemistry, 2017, 5, 62.	3.6	2
16	Proteomics tools reveal startlingly high amounts of oxytocin in plasma and serum. Scientific Reports, 2016, 6, 31693.	3.3	90
17	Cholesterol biosynthesis pathway as a novel mechanism of resistance to estrogen deprivation in estrogen receptor-positive breast cancer. Breast Cancer Research, 2016, 18, 58.	5.0	98
18	A critical evaluation of Amicon Ultra centrifugal filters for separating proteins, drugs and nanoparticles in biosamples. Journal of Pharmaceutical and Biomedical Analysis, 2016, 120, 106-111.	2.8	29

#	Article	IF	Citations
19	Underivatized oxysterols and nanoLCâ€“ESI-MS: A mismatch. Steroids, 2015, 99, 125-130.	1.8	11
20	Highly automated nano-LC/MS-based approach for thousand cell-scale quantification of side chain-hydroxylated oxysterols. Journal of Lipid Research, 2014, 55, 1531-1536.	4.2	42
21	Metabolites in vertebrate Hedgehog signaling. Biochemical and Biophysical Research Communications, 2014, 446, 669-674.	2.1	24
22	On-line solid phase extractionâ€“liquid chromatography, with emphasis on modern bioanalysis and miniaturized systems. Journal of Pharmaceutical and Biomedical Analysis, 2014, 87, 120-129.	2.8	118
23	High sensitivity measurements of active oxysterols with automated filtration/filter backflush-solid phase extraction-liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2012, 1255, 291-297.	3.7	38