

Margrät Thorsteinsdóttir

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,409
citations

471509

17
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

2458
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of phosphodiesterase 4D (PDE4D) allosteric modulators for enhancing cognition with improved safety. <i>Nature Biotechnology</i> , 2010, 28, 63-70.	17.5	351
2	Severe osteoarthritis of the hand associates with common variants within the ALDH1A2 gene and with rare variants at 1p31. <i>Nature Genetics</i> , 2014, 46, 498-502.	21.4	136
3	Effects of 2,4-diaminoquinazoline derivatives on SMN expression and phenotype in a mouse model for spinal muscular atrophy. <i>Human Molecular Genetics</i> , 2010, 19, 454-467.	2.9	110
4	Cyclodextrin formulation of dorzolamide and its distribution in the eye after topical administration. <i>Journal of Controlled Release</i> , 2005, 102, 255-262.	9.9	68
5	Antagonists of the EP ₃ Receptor for Prostaglandin E ₂ Are Novel Antiplatelet Agents That Do Not Prolong Bleeding. <i>ACS Chemical Biology</i> , 2009, 4, 115-126.	3.4	65
6	Cyclodextrin solubilization of carbonic anhydrase inhibitor drugs: Formulation of dorzolamide eye drop microparticle suspension. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 76, 208-214.	4.3	65
7	Genetic variability in the absorption of dietary sterols affects the risk of coronary artery disease. <i>European Heart Journal</i> , 2020, 41, 2618-2628.	2.2	61
8	Dexamethasone eye drops containing β -cyclodextrin-based nanogels. <i>International Journal of Pharmaceutics</i> , 2013, 441, 507-515.	5.2	58
9	Cellular and Molecular Mechanisms of Kidney Injury in 2,8-Dihydroxyadenine Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 799-816.	6.1	54
10	Mononuclear phagocytes orchestrate prolyl hydroxylase inhibition-mediated renoprotection in chronic tubulointerstitial nephritis. <i>Kidney International</i> , 2019, 96, 378-396.	5.2	49
11	Lipidomic study of cell lines reveals differences between breast cancer subtypes. <i>PLoS ONE</i> , 2020, 15, e0231289.	2.5	36
12	Performance of amino-silylated fused-silica capillaries for the separation of enkephalin-related peptides by capillary zone electrophoresis and micellar electrokinetic chromatography. <i>Electrophoresis</i> , 1995, 16, 557-563.	2.4	34
13	Valuable Fatty Acids in Bryophytesâ€™ Production, Biosynthesis, Analysis and Applications. <i>Plants</i> , 2019, 8, 524.	3.5	33
14	Natural Products from Bryophytes: From Basic Biology to Biotechnological Applications. <i>Critical Reviews in Plant Sciences</i> , 2021, 40, 191-217.	5.7	33
15	Authentication of Iceland Moss (<i>Cetraria islandica</i>) by UPLC-QToF-MS chemical profiling and DNA barcoding. <i>Food Chemistry</i> , 2018, 245, 989-996.	8.2	29
16	Comparison of the effect of allopurinol and febuxostat on urinary 2,8-dihydroxyadenine excretion in patients with Adenine phosphoribosyltransferase deficiency (APRTd): A clinical trial. <i>European Journal of Internal Medicine</i> , 2018, 48, 75-79.	2.2	26
17	Untargeted metabolic profiling reveals geography as the strongest predictor of metabolic phenotypes of a cosmopolitan weed. <i>Ecology and Evolution</i> , 2018, 8, 6812-6826.	1.9	22
18	Capillary electroseparations of enkephalin-related peptides and protein kinase A peptide substrates. <i>Electrophoresis</i> , 1995, 16, 564-573.	2.4	21

#	ARTICLE	IF	CITATIONS
19	Identification of Cyanobacterial Strains with Potential for the Treatment of Obesity-Related Co-Morbidities by Bioactivity, Toxicity Evaluation and Metabolite Profiling. <i>Marine Drugs</i> , 2019, 17, 280.	4.6	18
20	Altered plasmalogen content and fatty acid saturation following epithelial to mesenchymal transition in breast epithelial cell lines. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 103, 99-104.	2.8	17
21	Determining gradient conditions for peptide purification in RPLC with machine-learning-based retention time predictions. <i>Journal of Chromatography A</i> , 2019, 1598, 92-100.	3.7	17
22	DNA barcoding and LC-MS metabolite profiling of the lichen-forming genus <i>Melanelia</i> : Specimen identification and discrimination focusing on Icelandic taxa. <i>PLoS ONE</i> , 2017, 12, e0178012.	2.5	16
23	Protolichesterinic Acid, Isolated from the Lichen <i>Cetraria islandica</i> , Reduces LRRC8A Expression and Volume-Sensitive Release of Organic Osmolytes in Human Lung Epithelial Cancer Cells. <i>Phytotherapy Research</i> , 2016, 30, 97-104.	5.8	13
24	Metabolic Profiling as a Screening Tool for Cytotoxic Compounds: Identification of 3-Alkyl Pyridine Alkaloids from Sponges Collected at a Shallow Water Hydrothermal Vent Site North of Iceland. <i>Marine Drugs</i> , 2017, 15, 52.	4.6	13
25	Quantitative UPLC-MS/MS assay of urinary 2,8-dihydroxyadenine for diagnosis and management of adenine phosphoribosyltransferase deficiency. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1036-1037, 170-177.	2.3	12
26	New Aromatic Bisabolane Derivatives with Lipid-Reducing Activity from the Marine Sponge <i>Myrmekioderma</i> sp.. <i>Marine Drugs</i> , 2019, 17, 375.	4.6	12
27	The effect of sample age on the metabolic information extracted from formalin-fixed and paraffin embedded tissue samples using desorption electrospray ionization mass spectrometry imaging. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2021, 22, 50-55.	2.4	8
28	Design of experiments for development and optimization of a liquid chromatography coupled to tandem mass spectrometry bioanalytical assay. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4727.	1.6	7
29	Effects of extraction parameters on lipid profiling of mosses using UPLC-ESI-QTOF-MS and multivariate data analysis. <i>Metabolomics</i> , 2021, 17, 96.	3.0	6
30	Performance Assessment of a 125 Human Plasma Peptide Mixture Stored at Room Temperature for Multiple Reaction Monitoring-MS Spectrometry. <i>Journal of Proteome Research</i> , 2021, 20, 4292-4302.	3.7	5
31	Novel methods to characterise spatial distribution and enantiomeric composition of usnic acids in four Icelandic lichens. <i>Phytochemistry</i> , 2022, 200, 113210.	2.9	4
32	Urinary 2,8-dihydroxyadenine excretion in patients with adenine phosphoribosyltransferase deficiency, carriers and healthy control subjects. <i>Molecular Genetics and Metabolism</i> , 2019, 128, 144-150.	1.1	3
33	Alkaloid fingerprinting resolves <i>Huperzia selago</i> genotypes in Iceland. <i>Biochemical Systematics and Ecology</i> , 2019, 83, 77-82.	1.3	3
34	Intraspecific Variation of Huperzine A and B in Icelandic <i>Huperzia selago</i> Complex. <i>Planta Medica</i> , 2019, 85, 160-168.	1.3	3
35	Automated Cancer Diagnostics via Analysis of Optical and Chemical Images by Deep and Shallow Learning. <i>Metabolites</i> , 2022, 12, 455.	2.9	0