

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 | 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 |
| 2 | Automated Cancer Diagnostics via Analysis of Optical and Chemical Images by Deep and Shallow Learning. <i>Metabolites</i> , 2022, 12, 455. | 2.9 | 0 |
| 3 | 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 |
| 4 | Natural Products from Bryophytes: From Basic Biology to Biotechnological Applications. <i>Critical Reviews in Plant Sciences</i> , 2021, 40, 191-217. | 5.7 | 33 |
| 5 | Performance Assessment of a 125 Human Plasma Peptide Mixture Stored at Room Temperature for Multiple Reaction Monitoringâ€“Mass Spectrometry. <i>Journal of Proteome Research</i> , 2021, 20, 4292-4302. | 3.7 | 5 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 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 | Lipidomic study of cell lines reveals differences between breast cancer subtypes. <i>PLoS ONE</i> , 2020, 15, e0231289. | 2.5 | 36 |
| 11 | 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 |
| 12 | 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 |
| 13 | Alkaloid fingerprinting resolves <i>Huperzia selago</i> genotypes in Iceland. <i>Biochemical Systematics and Ecology</i> , 2019, 83, 77-82. | 1.3 | 3 |
| 14 | 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 |
| 15 | Mononuclear phagocytes orchestrate prolyl hydroxylase inhibition-mediated renoprotection in chronic tubulointerstitial nephritis. <i>Kidney International</i> , 2019, 96, 378-396. | 5.2 | 49 |
| 16 | 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 |
| 17 | Valuable Fatty Acids in Bryophytesâ€“Production, Biosynthesis, Analysis and Applications. <i>Plants</i> , 2019, 8, 524. | 3.5 | 33 |
| 18 | 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 |

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|----|---|------|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Severe osteoarthritis of the hand associates with common variants within the <i>ALDH1A2</i> gene and with rare variants at 1p31. <i>Nature Genetics</i> , 2014, 46, 498-502. | 21.4 | 136 |
| 28 | Dexamethasone eye drops containing β -cyclodextrin-based nanogels. <i>International Journal of Pharmaceutics</i> , 2013, 441, 507-515. | 5.2 | 58 |
| 29 | Design of phosphodiesterase 4D (PDE4D) allosteric modulators for enhancing cognition with improved safety. <i>Nature Biotechnology</i> , 2010, 28, 63-70. | 17.5 | 351 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | Capillary electroseparations of enkephalin-related peptides and protein kinase A peptide substrates. <i>Electrophoresis</i> , 1995, 16, 564-573. | 2.4 | 21 |