

Kevin Mills

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,979
citations

331538

21
h-index

254106

43
g-index

49
all docs

49
docs citations

49
times ranked

3929
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations of metabolomic profiles with circulating vitamin E and urinary vitamin E metabolites in middle-aged individuals. <i>Nutrition</i> , 2022, 93, 111440.	1.1	1
2	Tissue Proteome of 2-Hydroxyacyl-CoA Lyase Deficient Mice Reveals Peroxisome Proliferation and Activation of α -Oxidation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 987.	1.8	4
3	Urine proteomics analysis of patients with neuronal ceroid lipofuscinoses. <i>IScience</i> , 2021, 24, 102020.	1.9	12
4	A geroscience approach for Parkinson's disease: Conceptual framework and design of PROPAG-AGEING project. <i>Mechanisms of Ageing and Development</i> , 2021, 194, 111426.	2.2	14
5	Urinary oxidized, but not enzymatic vitamin E metabolites are inversely associated with measures of glucose homeostasis in middle-aged healthy individuals. <i>Clinical Nutrition</i> , 2021, 40, 4192-4200.	2.3	6
6	Cerebrospinal fluid neurofilament light levels in CLN2 disease patients treated with enzyme replacement therapy normalise after two years on treatment. <i>F1000Research</i> , 2021, 10, 614.	0.8	4
7	Identification of a Multiplex Biomarker Panel for Hypertrophic Cardiomyopathy Using Quantitative Proteomics and Machine Learning. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 114-127.	2.5	32
8	Applying modern Omic technologies to the Neuronal Ceroid Lipofuscinoses. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165498.	1.8	17
9	Rapid, proteomic urine assay for monitoring progressive organ disease in Fabry disease. <i>Journal of Medical Genetics</i> , 2020, 57, 38-47.	1.5	26
10	Free urinary glycosylated hydroxylysine as an indicator of altered collagen degradation in the mucopolysaccharidoses. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 309-317.	1.7	10
11	Ageing, age-related diseases and oxidative stress: What to do next?. <i>Ageing Research Reviews</i> , 2020, 57, 100982.	5.0	321
12	An In Vitro Whole-Organ Liver Engineering for Testing of Genetic Therapies. <i>IScience</i> , 2020, 23, 101808.	1.9	8
13	Nail-patella-like renal disease masquerading as Fabry disease on kidney biopsy: a case report. <i>BMC Nephrology</i> , 2020, 21, 341.	0.8	6
14	Associations between Lifestyle Factors and Vitamin E Metabolites in the General Population. <i>Antioxidants</i> , 2020, 9, 1280.	2.2	8
15	The long tail of Covid-19 - The detection of a prolonged inflammatory response after a SARS-CoV-2 infection in asymptomatic and mildly affected patients. <i>F1000Research</i> , 2020, 9, 1349.	0.8	95
16	The long tail of Covid-19 - The detection of a prolonged inflammatory response after a SARS-CoV-2 infection in asymptomatic and mildly affected patients. <i>F1000Research</i> , 2020, 9, 1349.	0.8	116
17	Global glycosphingolipid analysis in urine and plasma of female Fabry disease patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2726-2735.	1.8	13
18	An Optimized Method for the Proteomic Analysis of Low Volumes of Cell Culture Media and the Secretome: The Application and the Demonstration of Altered Protein Expression in iPSC-Derived Neuronal Cell Lines from Parkinson's Disease Patients. <i>Journal of Proteome Research</i> , 2019, 18, 1198-1207.	1.8	2

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19	Preparation of iPSCs for Targeted Proteomic Analysis. <i>Methods in Molecular Biology</i> , 2019, 1994, 131-139.	0.4	1
20	Lamin and the heart. <i>Heart</i> , 2018, 104, 468-479.	1.2	113
21	Proteomic Analysis of the Myocardium in Hypertrophic Obstructive Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001974.	1.6	38
22	Proteomic Analysis of the Myocardium in Hypertrophic Obstructive Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, .	1.6	34
23	Reproducibility of Molecular Phenotypes after Long-Term Differentiation to Human iPSC-Derived Neurons: A Multi-Site Omics Study. <i>Stem Cell Reports</i> , 2018, 11, 897-911.	2.3	135
24	CSF pro-orexin and amyloid- β 38 expression in Alzheimer's disease and frontotemporal dementia. <i>Neurobiology of Aging</i> , 2018, 72, 171-176.	1.5	25
25	Multiplex High-Throughput Targeted Proteomic Assay To Identify Induced Pluripotent Stem Cells. <i>Analytical Chemistry</i> , 2017, 89, 2440-2448.	3.2	15
26	An LC-MS/MS-Based Method for the Quantification of Pyridox(am)ine 5-Phosphate Oxidase Activity in Dried Blood Spots from Patients with Epilepsy. <i>Analytical Chemistry</i> , 2017, 89, 8892-8900.	3.2	24
27	iPSC-derived neuronal models of PANK2-associated neurodegeneration reveal mitochondrial dysfunction contributing to early disease. <i>PLoS ONE</i> , 2017, 12, e0184104.	1.1	39
28	Identification of novel bile acids as biomarkers for the early diagnosis of Niemann-Pick C disease. <i>FEBS Letters</i> , 2016, 590, 1651-1662.	1.3	82
29	The embryological basis of subclinical hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2016, 6, 27714.	1.6	29
30	Regulation of post-Golgi LH3 trafficking is essential for collagen homeostasis. <i>Nature Communications</i> , 2016, 7, 12111.	5.8	54
31	Formate supplementation enhances folate-dependent nucleotide biosynthesis and prevents spina bifida in a mouse model of folic acid-resistant neural tube defects. <i>Biochimie</i> , 2016, 126, 63-70.	1.3	23
32	An optimised method for the proteomic profiling of full thickness human skin. <i>Biological Procedures Online</i> , 2016, 18, 15.	1.4	23
33	Increased cerebrospinal fluid soluble TREM2 concentration in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2016, 11, 3.	4.4	236
34	A High Throughput, Multiplexed and Targeted Proteomic CSF Assay to Quantify Neurodegenerative Biomarkers and Apolipoprotein E Isoforms Status. <i>Journal of Visualized Experiments</i> , 2016, .	0.2	2
35	Proteomic Discovery and Development of a Multiplexed Targeted MRM-LC-MS/MS Assay for Urine Biomarkers of Extracellular Matrix Disruption in Mucopolysaccharidoses I, II, and VI. <i>Analytical Chemistry</i> , 2015, 87, 12238-12244.	3.2	20
36	Identification of novel CSF biomarkers for neurodegeneration and their validation by a high-throughput multiplexed targeted proteomic assay. <i>Molecular Neurodegeneration</i> , 2015, 10, 64.	4.4	121

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37	Current applications of biomarkers in cardiomyopathies. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 825-837.	0.6	13
38	Urinary conjugated Î±-tocopheronolactoneâ€”a biomarker of oxidative stress in children with type 1 diabetes. <i>Free Radical Biology and Medicine</i> , 2013, 55, 54-62.	1.3	16
39	The Identification of New Biomarkers for Identifying and Monitoring Kidney Disease and Their Translation into a Rapid Mass Spectrometry-Based Test: Evidence of Presymptomatic Kidney Disease in Pediatric Fabry and Type-I Diabetic Patients. <i>Journal of Proteome Research</i> , 2013, 12, 2013-2021.	1.8	63
40	The development of a peptide SRM-based tandem mass spectrometry assay for prenatal screening of Down syndrome. <i>Journal of Proteomics</i> , 2012, 75, 3248-3257.	1.2	17
41	Identification of new biomarkers for Down's syndrome in maternal plasma. <i>Journal of Proteomics</i> , 2012, 75, 2621-2628.	1.2	16
42	A novel method for the direct measurement of urinary conjugated metabolites of Î±-tocopherol and its use in diabetes. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 599-600.	1.5	12
43	New Role for LEKTI in Skin Barrier Formation: Label-Free Quantitative Proteomic Identification of Caspase 14 as a Novel Target for the Protease Inhibitor LEKTI. <i>Journal of Proteome Research</i> , 2010, 9, 4289-4294.	1.8	41
44	The underglycosylation of plasma alpha1-antitrypsin in congenital disorders of glycosylation type I is not random. <i>Glycobiology</i> , 2003, 13, 73-85.	1.3	28
45	Identification of Î±1-Antitrypsin Variants in Plasma with the Use of Proteomic Technology. <i>Clinical Chemistry</i> , 2001, 47, 2012-2022.	1.5	52
46	Cerebrospinal fluid neurofilament light chain levels in CLN2 disease patients treated with enzyme replacement therapy normalise after two years on treatment. <i>F1000Research</i> , 0, 10, 614.	0.8	2
47	Niemannâ€”Pick type C disease as proofâ€”ofâ€”concept for intelligent biomarker panel selection in neurometabolic disorders. <i>Developmental Medicine and Child Neurology</i> , 0, , .	1.1	6