

Wendy E Heywood

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,854
citations

361413

20
h-index

276875

41
g-index

64
all docs

64
docs citations

64
times ranked

3557
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Increased cerebrospinal fluid soluble TREM2 concentration in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2016, 11, 3. | 10.8 | 236 |
| 2 | Ambroxol for the Treatment of Patients With Parkinson Disease With and Without Glucocerebrosidase Gene Mutations. <i>JAMA Neurology</i> , 2020, 77, 427. | 9.0 | 213 |
| 3 | 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. | 4.8 | 135 |
| 4 | 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. | 10.8 | 121 |
| 5 | 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. | 1.6 | 116 |
| 6 | Development of a Novel Targeting System for Lethal Photosensitization of Antibiotic-Resistant Strains of <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3690-3696. | 3.2 | 95 |
| 7 | 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. | 1.6 | 95 |
| 8 | 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. | 3.7 | 63 |
| 9 | Regulation of post-Golgi LH3 trafficking is essential for collagen homeostasis. <i>Nature Communications</i> , 2016, 7, 12111. | 12.8 | 54 |
| 10 | Cytolethal distending toxin: creating a gap in the cell cycle. <i>Journal of Medical Microbiology</i> , 2005, 54, 207-216. | 1.8 | 49 |
| 11 | Programming of defective rat pancreatic β -cell function in offspring from mothers fed a low-protein diet during gestation and the suckling periods. <i>Clinical Science</i> , 2004, 107, 37-45. | 4.3 | 48 |
| 12 | 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. | 3.7 | 41 |
| 13 | Mechanism of internalization of the cytolethal distending toxin of <i>Actinobacillus actinomycetemcomitans</i> . <i>Microbiology (United Kingdom)</i> , 2005, 151, 1395-1402. | 1.8 | 38 |
| 14 | Proteomic Analysis of the Myocardium in Hypertrophic Obstructive Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001974. | 3.6 | 38 |
| 15 | Proteomic Analysis of the Myocardium in Hypertrophic Obstructive Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, . | 3.6 | 34 |
| 16 | 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. | 3.8 | 32 |
| 17 | Rapid, proteomic urine assay for monitoring progressive organ disease in Fabry disease. <i>Journal of Medical Genetics</i> , 2020, 57, 38-47. | 3.2 | 26 |
| 18 | CSF pro-orexin and amyloid- β 38 expression in Alzheimer's disease and frontotemporal dementia. <i>Neurobiology of Aging</i> , 2018, 72, 171-176. | 3.1 | 25 |

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|----|--|-----|-----------|
| 19 | A New Method for the Rapid Diagnosis of Protein N-linked Congenital Disorders of Glycosylation. <i>Journal of Proteome Research</i> , 2013, 12, 3471-3479. | 3.7 | 24 |
| 20 | An optimised method for the proteomic profiling of full thickness human skin. <i>Biological Procedures Online</i> , 2016, 18, 15. | 2.9 | 23 |
| 21 | 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. | 6.5 | 20 |
| 22 | Comparison of proteomic profiles in the zebrafish retina during experimental degeneration and regeneration. <i>Scientific Reports</i> , 2017, 7, 44601. | 3.3 | 20 |
| 23 | Changes in regulation of human monocyte proteins in response to IgG from patients with antiphospholipid syndrome. <i>Blood</i> , 2014, 124, 3808-3816. | 1.4 | 19 |
| 24 | 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. | 2.4 | 17 |
| 25 | Comparative proteomic analysis of normal and gliotic PVR retina and contribution of Müller glia to this profile. <i>Experimental Eye Research</i> , 2018, 177, 197-207. | 2.6 | 17 |
| 26 | Applying modern Omic technologies to the Neuronal Ceroid Lipofuscinoses. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165498. | 3.8 | 17 |
| 27 | 2D DIGE analysis of maternal plasma for potential biomarkers of Down Syndrome. <i>Proteome Science</i> , 2011, 9, 56. | 1.7 | 16 |
| 28 | Identification of new biomarkers for Down's syndrome in maternal plasma. <i>Journal of Proteomics</i> , 2012, 75, 2621-2628. | 2.4 | 16 |
| 29 | Multiplex High-Throughput Targeted Proteomic Assay To Identify Induced Pluripotent Stem Cells. <i>Analytical Chemistry</i> , 2017, 89, 2440-2448. | 6.5 | 15 |
| 30 | Progression in multiple sclerosis is associated with low endogenous NCAM. <i>Journal of Neurochemistry</i> , 2013, 125, 766-773. | 3.9 | 14 |
| 31 | 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. | 4.6 | 14 |
| 32 | Early downregulation of hsa-miR-144-3p in serum from drug-naïve Parkinson's disease patients. <i>Scientific Reports</i> , 2022, 12, 1330. | 3.3 | 14 |
| 33 | Current applications of biomarkers in cardiomyopathies. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 825-837. | 1.5 | 13 |
| 34 | 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. | 3.8 | 13 |
| 35 | Urine proteomics analysis of patients with neuronal ceroid lipofuscinoses. <i>IScience</i> , 2021, 24, 102020. | 4.1 | 12 |
| 36 | The identification of a new role for LEKTI in the skin: The use of protein bait arrays to detect defective trafficking of dermcidin in the skin of patients with Netherton syndrome. <i>Journal of Proteomics</i> , 2012, 75, 3925-3937. | 2.4 | 11 |

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|----|--|-----|-----------|
| 37 | Metabolite and lipoprotein profiles reveal sex-related oxidative stress imbalance in de novo drug-naive Parkinson's disease patients. <i>Npj Parkinson's Disease</i> , 2022, 8, 14. | 5.3 | 11 |
| 38 | 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. | 3.6 | 10 |
| 39 | Investigation of pathology, expression and proteomic profiles in human <i>TREM2</i> variant postmortem brains with and without Alzheimer's disease. <i>Brain Pathology</i> , 2020, 30, 794-810. | 4.1 | 10 |
| 40 | The presubiculum is preserved from neurodegenerative changes in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 62. | 5.2 | 9 |
| 41 | Global serum glycoform profiling for the investigation of dystroglycanopathies & Congenital Disorders of Glycosylation. <i>Molecular Genetics and Metabolism Reports</i> , 2016, 7, 55-62. | 1.1 | 8 |
| 42 | An In Vitro Whole-Organ Liver Engineering for Testing of Genetic Therapies. <i>iScience</i> , 2020, 23, 101808. | 4.1 | 8 |
| 43 | Proteomic profiling reveals sub proteomes of the human placenta. <i>Placenta</i> , 2017, 59, 69-72. | 1.5 | 7 |
| 44 | Growth associated protein (GAP-43): Cloning and the development of a sensitive ELISA for neurological disorders. <i>Journal of Neuroimmunology</i> , 2014, 276, 18-23. | 2.3 | 6 |
| 45 | Niemann-Pick type C disease as proof of concept for intelligent biomarker panel selection in neurometabolic disorders. <i>Developmental Medicine and Child Neurology</i> , 0, , . | 2.1 | 6 |
| 46 | 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. | 1.6 | 4 |
| 47 | Tissue Proteome of 2-Hydroxyacyl-CoA Lyase Deficient Mice Reveals Peroxisome Proliferation and Activation of β -Oxidation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 987. | 4.1 | 4 |
| 48 | 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. | 3.7 | 2 |
| 49 | Heterogeneity of prodromal Parkinson symptoms in siblings of Parkinson disease patients. <i>Npj Parkinson's Disease</i> , 2021, 7, 78. | 5.3 | 2 |
| 50 | Proteomic signatures for perioperative oxygen delivery in skin after major elective surgery: mechanistic sub-study of a randomised controlled trial. <i>British Journal of Anaesthesia</i> , 2021, 127, 511-520. | 3.4 | 2 |
| 51 | 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, , . | 0.3 | 2 |
| 52 | 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. | 1.6 | 2 |
| 53 | Preparation of iPSCs for Targeted Proteomic Analysis. <i>Methods in Molecular Biology</i> , 2019, 1994, 131-139. | 0.9 | 1 |
| 54 | The development of a rapid, multiplexed UPLC-MS/MS assay for quantitation of lyso-Gb3 and Gb3 in dried blood spots. <i>Molecular Genetics and Metabolism</i> , 2015, 114, S107. | 1.1 | 0 |

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|----|--|-----|-----------|
| 55 | A rapid high throughput proteomic method based on profiling of proteolytic free peptides to assess post-delivery degradation of placental tissue. <i>Placenta</i> , 2016, 44, 109-111. | 1.5 | 0 |
| 56 | An unforgettable change of perspective. <i>British Journal of Nursing</i> , 2016, 25, 509-509. | 0.7 | 0 |
| 57 | A Selected Reaction Monitoring Protocol for the Measurement of sTREM2 in Cerebrospinal Fluid. <i>NeuroMethods</i> , 2018, , 169-177. | 0.3 | 0 |
| 58 | Mass Spectrometry Measurement of Albumin α Fetoprotein Ratio as an Indicator of iPSC-Derived Hepatocyte Differentiation. <i>Methods in Molecular Biology</i> , 2019, 1994, 149-156. | 0.9 | 0 |