

RenÅ£ A S Robinson

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,227
citations

361413

20
h-index

395702

33
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62
all docs

62
docs citations

62
times ranked

1909
citing authors

#	ARTICLE	IF	CITATIONS
1	ABCA7, a Genetic Risk Factor Associated with Alzheimer's Disease Risk in African Americans. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 5-19.	2.6	11
2	Benchmarking the proteomic profile of animal models of mesial temporal epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 454-467.	3.7	6
3	Exposing the Brain Proteomic Signatures of Alzheimer's Disease in Diverse Racial Groups: Leveraging Multiple Data Sets and Machine Learning. <i>Journal of Proteome Research</i> , 2022, 21, 1095-1104.	3.7	6
4	Targeted Lipidomics To Measure Phospholipids and Sphingomyelins in Plasma: A Pilot Study To Understand the Impact of Race/Ethnicity in Alzheimer's Disease. <i>Analytical Chemistry</i> , 2022, 94, 4165-4174.	6.5	5
5	Brain expression of the vascular endothelial growth factor gene family in cognitive aging and Alzheimer's disease. <i>Molecular Psychiatry</i> , 2021, 26, 888-896.	7.9	71
6	Why Inclusion Matters for Alzheimer's Disease Biomarker Discovery in Plasma. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1327-1344.	2.6	16
7	Dataset of why inclusion matters for Alzheimer's disease biomarker discovery in plasma. <i>Data in Brief</i> , 2021, 35, 106923.	1.0	1
8	APOE ϵ 4-specific associations of VEGF gene family expression with cognitive aging and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 87, 18-25.	3.1	24
9	Inclusion of African American/Black adults in a pilot brain proteomics study of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2020, 146, 105129.	4.4	18
10	Evaluating a targeted multiple reaction monitoring approach to global untargeted lipidomic analyses of human plasma. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8911.	1.5	20
11	A Diverse View of Science to Catalyse Change. <i>Journal of the American Chemical Society</i> , 2020, 142, 14393-14396.	13.7	12
12	A diverse view of science to catalyse change. <i>Nature Chemistry</i> , 2020, 12, 773-776.	13.6	18
13	A diverse view of science to catalyse change. <i>Chemical Science</i> , 2020, 11, 9043-9047.	7.4	4
14	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie</i> , 2020, 132, 18462-18466.	2.0	2
15	A Diverse View of Science to Catalyse Change. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18306-18310.	13.8	7
16	A diverse view of science to catalyse change. <i>Croatica Chemica Acta</i> , 2020, 93, 77-81.	0.4	2
17	Single nucleus and bulk homogenate RNA-seq comparison of vascular endothelial growth factor family associations with Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e046170.	0.8	0
18	Framework for creating storytelling materials to promote African American/Black adult enrollment in research on Alzheimer's disease and related disorders. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12076.	3.7	7

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19	<i>In Vivo</i> Fast Photochemical Oxidation of Proteins Using Enhanced Multiplexing Proteomics. <i>Analytical Chemistry</i> , 2020, 92, 7596-7603.	6.5	10
20	Dataset of quantitative proteomic analysis to understand aging processes in rabbit liver. <i>Data in Brief</i> , 2020, 31, 105701.	1.0	4
21	Quantitative proteomics to study aging in rabbit liver. <i>Mechanisms of Ageing and Development</i> , 2020, 187, 111227.	4.6	9
22	Evaluating Combined Precursor Isotopic Labeling and Isobaric Tagging Performance on Orbitraps To Study the Peripheral Proteome of Alzheimer's Disease. <i>Analytical Chemistry</i> , 2020, 92, 2911-2916.	6.5	11
23	A diverse view of science to catalyse change: valuing diversity leads to scientific excellence, the progress of science and, most importantly, it is simply the right thing to do. We must value diversity not only in words, but also in actions. <i>Canadian Journal of Chemistry</i> , 2020, 98, 597-600.	1.1	2
24	Automated Sample Multiplexing by using Combined Precursor Isotopic Labeling and Isobaric Tagging (cPILOT). <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	1
25	The roles of S-nitrosylation and S-glutathionylation in Alzheimer's disease. <i>Methods in Enzymology</i> , 2019, 626, 499-538.	1.0	23
26	The Potential of Omics to Link Lipid Metabolism and Genetic and Comorbidity Risk Factors of Alzheimer's Disease in African Americans. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1118, 1-28.	1.6	10
27	Sample Multiplexing Strategies in Quantitative Proteomics. <i>Analytical Chemistry</i> , 2019, 91, 178-189.	6.5	50
28	Proteomic identification of virulence-related factors in young and aging <i>C. elegans</i> infected with <i>Pseudomonas aeruginosa</i> . <i>Journal of Proteomics</i> , 2018, 181, 92-103.	2.4	14
29	P4047: CHARACTERIZING ALTERED LIPID METABOLISM IN HEALTH DISPARITIES OF ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P1451.	0.8	0
30	Increased N,N-Dimethyl Leucine Isobaric Tag Multiplexing by a Combined Precursor Isotopic Labeling and Isobaric Tagging Approach. <i>Analytical Chemistry</i> , 2018, 90, 10664-10669.	6.5	36
31	Multiplexing Biomarker Methods, Proteomics and Considerations for Alzheimer's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 21-48.	1.6	25
32	Enhanced Sample Multiplexing of Tissues Using Combined Precursor Isotopic Labeling and Isobaric Tagging (cPILOT). <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	8
33	Human brain proteome in health and disease. <i>Proteomics - Clinical Applications</i> , 2016, 10, 1147-1147.	1.6	3
34	High-throughput endogenous measurement of S-nitrosylation in Alzheimer's disease using oxidized cysteine-selective cPILOT. <i>The Analyst</i> , 2016, 141, 3904-3915.	3.5	29
35	Proteomic approaches to quantify cysteine reversible modifications in aging and neurodegenerative diseases. <i>Proteomics - Clinical Applications</i> , 2016, 10, 1159-1177.	1.6	28
36	Neuroproteomic study of nitrated proteins in moderate traumatic brain injured rats treated with gamma glutamyl cysteine ethyl ester administration post injury: Insight into the role of glutathione elevation in nitrosative stress. <i>Proteomics - Clinical Applications</i> , 2016, 10, 1218-1224.	1.6	15

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37	A simple isotopic labeling method to study cysteine oxidation in Alzheimer's disease: oxidized cysteine-selective dimethylation (OxycysDML). <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2993-3004.	3.7	16
38	Global cPILOT analysis of the APP/PS1 mouse liver proteome. <i>Proteomics - Clinical Applications</i> , 2015, 9, 872-884.	1.6	25
39	MS ³ -based quantitative proteomics using pulsed-Q dissociation. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1025-1030.	1.5	3
40	Multiple Proteases to Localize Oxidation Sites. <i>PLoS ONE</i> , 2015, 10, e0116606.	2.5	1
41	Sample Multiplexing with Cysteine-Selective Approaches: cysDML and cPILOT. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 615-630.	2.8	26
42	The role of proteomics in understanding biological mechanisms of sepsis. <i>Proteomics - Clinical Applications</i> , 2014, 8, 35-52.	1.6	40
43	Proteome characterization of splenocytes from an APP/PS1 Alzheimer's disease model. <i>Proteomics</i> , 2014, 14, 291-297.	2.2	4
44	Proteomics Reveals Age-Related Differences in the Host Immune Response to Sepsis. <i>Journal of Proteome Research</i> , 2014, 13, 422-432.	3.7	38
45	Mass spectrometry and redox proteomics: Applications in disease. <i>Mass Spectrometry Reviews</i> , 2014, 33, 277-301.	5.4	98
46	Global combined precursor isotopic labeling and isobaric tagging (cPILOT) approach with selective MS ³ acquisition. <i>Proteomics</i> , 2013, 13, 3267-3272.	2.2	37
47	Effects of Fe(II)/H ₂ O ₂ Oxidation on Ubiquitin Conformers Measured by Ion Mobility-Mass Spectrometry. <i>Journal of Physical Chemistry B</i> , 2013, 117, 164-173.	2.6	9
48	Proteomics quantification of protein nitration. <i>Reviews in Analytical Chemistry</i> , 2013, 32, .	3.2	1
49	Additions to the Human Plasma Proteome via a Tandem MARS Depletion iTRAQ-Based Workflow. <i>International Journal of Proteomics</i> , 2013, 2013, 1-8.	2.0	24
50	Oxidative Stress in CD90+ T-cells of APP/PS-1 Transgenic Mice. <i>Journal of Alzheimer's Disease</i> , 2013, 37, 661-666.	2.6	6
51	Do Proteomics Analyses Provide Insights into Reduced Oxidative Stress in the Brain of an Alzheimer Disease Transgenic Mouse Model with an M631L Amyloid Precursor Protein Substitution and Thereby the Importance of Amyloid-Beta-Resident Methionine 35 in Alzheimer Disease Pathogenesis?. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1507-1514.	5.4	22
52	Enhanced Sample Multiplexing for Nitrotyrosine-Modified Proteins Using Combined Precursor Isotopic Labeling and Isobaric Tagging. <i>Analytical Chemistry</i> , 2012, 84, 4677-4686.	6.5	45
53	Redox Proteomics in Selected Neurodegenerative Disorders: From Its Infancy to Future Applications. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1610-1655.	5.4	152
54	Global Effects of Adriamycin Treatment on Mouse Splenic Protein Levels. <i>Journal of Proteome Research</i> , 2012, 11, 1054-1064.	3.7	5

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55	Proteomic identification of specifically carbonylated brain proteins in APPNLh/APPNLh—PS-1P264L/PS-1P264L human double mutant knock-in mice model of Alzheimer disease as a function of age. <i>Journal of Proteomics</i> , 2011, 74, 2430-2440.	2.4	36
56	Redox Proteomics Analysis of Brains from Subjects with Amnesic Mild Cognitive Impairment Compared to Brains from Subjects with Preclinical Alzheimer's Disease: Insights into Memory Loss in MCI. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 257-269.	2.6	85
57	Proteomic analysis of brain proteins in APP/PS1 human double mutant knock-in mice with increasing amyloid β peptide deposition: Insights into the effects of in vivo treatment with N-acetylcysteine as a potential therapeutic intervention in mild cognitive impairment and Alzheimer's disease. <i>Proteomics</i> , 2011, 11, 4243-4256.	2.2	39
58	Insights into aging through measurements of the Drosophila proteome as a function of temperature. <i>Mechanisms of Ageing and Development</i> , 2010, 131, 584-590.	4.6	7
59	Mentoring in Life and Science. <i>ACS Symposium Series</i> , 0, , 103-116.	0.5	0