

Manor Askenazi

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

3,116
citations

361296
20
h-index

233338
45
g-index

52
all docs

52
docs citations

52
times ranked

5548
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Sequence of the Plant Pathogen and Biotechnology Agent <i>Agrobacterium tumefaciens</i> C58. <i>Science</i> , 2001, 294, 2323-2328.	6.0	608
2	Nrf2 Activation Promotes Lung Cancer Metastasis by Inhibiting the Degradation of Bach1. <i>Cell</i> , 2019, 178, 316-329.e18.	13.5	385
3	Interpreting cancer genomes using systematic host network perturbations by tumour virus proteins. <i>Nature</i> , 2012, 487, 491-495.	13.7	349
4	Integrating transcriptional and metabolite profiles to direct the engineering of lovastatin-producing fungal strains. <i>Nature Biotechnology</i> , 2003, 21, 150-156.	9.4	221
5	Phosphorylated tau interactome in the human Alzheimer's disease brain. <i>Brain</i> , 2020, 143, 2803-2817.	3.7	171
6	Proteomic differences in amyloid plaques in rapidly progressive and sporadic Alzheimer's disease. <i>Acta Neuropathologica</i> , 2017, 133, 933-954.	3.9	150
7	Quantitative Assessment of Whole-Body Tumor Burden in Adult Patients with Neurofibromatosis. <i>PLoS ONE</i> , 2012, 7, e35711.	1.1	126
8	A QUICK Screen for Lrrk2 Interaction Partners – Leucine-rich Repeat Kinase 2 is Involved in Actin Cytoskeleton Dynamics. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.001172.	2.5	110
9	An Analysis of the Sensitivity of Proteogenomic Mapping of Somatic Mutations and Novel Splicing Events in Cancer. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1060-1071.	2.5	104
10	Delayed Fragmentation and Optimized Isolation Width Settings for Improvement of Protein Identification and Accuracy of Isobaric Mass Tag Quantification on Orbitrap-Type Mass Spectrometers. <i>Analytical Chemistry</i> , 2011, 83, 8959-8967.	3.2	102
11	Improved Electrospray Ionization Efficiency Compensates for Diminished Chromatographic Resolution and Enables Proteomics Analysis of Tyrosine Signaling in Embryonic Stem Cells. <i>Analytical Chemistry</i> , 2009, 81, 3440-3447.	3.2	100
12	ClanTox: a classifier of short animal toxins. <i>Nucleic Acids Research</i> , 2009, 37, W363-W368.	6.5	78
13	A Robust Error Model for iTRAQ Quantification Reveals Divergent Signaling between Oncogenic FLT3 Mutants in Acute Myeloid Leukemia. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 780-790.	2.5	78
14	multiplierz: an extensible API based desktop environment for proteomics data analysis. <i>BMC Bioinformatics</i> , 2009, 10, 364.	1.2	64
15	mzAPI: a new strategy for efficiently sharing mass spectrometry data. <i>Nature Methods</i> , 2009, 6, 240-241.	9.0	58
16	Community Dynamics: What Happens When We Rerun the Tape?. <i>Journal of Theoretical Biology</i> , 2000, 205, 515-526.	0.8	51
17	The purine biosynthesis regulator PurR moonlights as a virulence regulator in <i>Staphylococcus aureus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13563-13572.	3.3	46
18	DNA Ends Alter the Molecular Composition and Localization of Ku Multicomponent Complexes. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 411-421.	2.5	28

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19	Proteomic Analysis Demonstrates Activator- and Chromatin-specific Recruitment to Promoters. <i>Journal of Biological Chemistry</i> , 2012, 287, 35397-35408.	1.6	25
20	Proteomics and Transcriptomics of the Hippocampus and Cortex in SUDEP and High-Risk SUDEP Patients. <i>Neurology</i> , 2021, 96, e2639-e2652.	1.5	24
21	The complete peptide dictionary – A meta-proteomics resource. <i>Proteomics</i> , 2010, 10, 4306-4310.	1.3	23
22	Proteomic differences in the hippocampus and cortex of epilepsy brain tissue. <i>Brain Communications</i> , 2021, 3, fcab021.	1.5	22
23	Pathway Palette: A rich internet application for peptide, protein and network-oriented analysis of MS data. <i>Proteomics</i> , 2010, 10, 1880-1885.	1.3	21
24	PGx: Putting Peptides to BED. <i>Journal of Proteome Research</i> , 2016, 15, 795-799.	1.8	20
25	Using Quantitative Spectrometry to Understand the Influence of Genetics and Nutritional Perturbations On the Virulence Potential of <i>Staphylococcus aureus</i> . <i>Molecular and Cellular Proteomics</i> , 2017, 16, S15-S28.	2.5	18
26	Mitochondrial STAT3 regulates antioxidant gene expression through complex I-derived NAD in triple negative breast cancer. <i>Molecular Oncology</i> , 2021, 15, 1432-1449.	2.1	16
27	Pilot study evaluating everolimus molecular mechanisms in tuberous sclerosis complex and focal cortical dysplasia. <i>PLoS ONE</i> , 2022, 17, e0268597.	1.1	12
28	The arc of Mass Spectrometry Exchange Formats is long, but it bends toward HDF5. <i>Mass Spectrometry Reviews</i> , 2017, 36, 668-673.	2.8	10
29	Raphe and ventrolateral medulla proteomics in epilepsy and sudden unexpected death in epilepsy. <i>Brain Communications</i> , 2022, 4, .	1.5	9
30	A predictor for toxin-like proteins exposes cell modulator candidates within viral genomes. <i>Bioinformatics</i> , 2010, 26, i482-i488.	1.8	8
31	ARISTO: ontological classification of small molecules by electron ionization-mass spectrometry. <i>Nucleic Acids Research</i> , 2011, 39, W505-W510.	6.5	8
32	mzServer: Web-based Programmatic Access for Mass Spectrometry Data Analysis. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003988.	2.5	8
33	mzResults: An Interactive Viewer for Interrogation and Distribution of Proteomics Results. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003970.	2.5	8
34	Blinded review of hippocampal neuropathology in sudden unexplained death in childhood reveals inconsistent observations and similarities to explained paediatric deaths. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	7
35	Proteomic differences in hippocampus and cortex of sudden unexplained death in childhood. <i>Acta Neuropathologica</i> , 2022, 143, 585-599.	3.9	7
36	Analog computation with rings of quasiperiodic oscillators: the microdynamics of cognition in living machines. <i>Robotics and Autonomous Systems</i> , 2003, 45, 249-263.	3.0	6

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37	Protected Amine Labels: A Versatile Molecular Scaffold for Multiplexed Nominal Mass and Sub-Da Isotopologue Quantitative Proteomic Reagents. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 636-650.	1.2	6
38	Short Toxin-like Proteins Abound in Cnidaria Genomes. <i>Toxins</i> , 2012, 4, 1367-1384.	1.5	4
39	Library dependent <sc>LC</sc>â€<sc>MS</sc>/<sc>MS</sc> acquisition via mz<sc>API</sc>/<sc>L</sc>ive. <i>Proteomics</i> , 2013, 13, 1412-1416.	1.3	4
40	Implicit Biology in Peptide Spectral Libraries. <i>Analytical Chemistry</i> , 2012, 84, 7919-7925.	3.2	3
41	Variance function estimation in quantitative mass spectrometry with application to iTRAQ labeling. <i>Annals of Applied Statistics</i> , 2013, 7, .	0.5	3
42	Phosphorylated tau interactome in the human Alzheimerâ€™s disease brain. <i>Alzheimer's and Dementia</i> , 2020, 16, e045492.	0.4	3
43	P4â€530: PHOSPHORYLATED TAU INTERACTOME IN THE HUMAN ALZHEIMER'S DISEASE BRAIN. <i>Alzheimer's and Dementia</i> , 2019, 15, P1517.	0.4	2
44	Mass Informatics: From Mass Spectrometry Peaks to Biological Pathways. <i>Israel Journal of Chemistry</i> , 2013, 53, 157-165.	1.0	1
45	OpenSlice: Quantitative data sharing from HyperPeaks to global ion chromatograms (GICs). <i>Proteomics</i> , 2016, 16, 2495-2501.	1.3	1
46	Proteomic similarities in Alzheimerâ€™s disease and epilepsy brains highlight the important role of tau. <i>Alzheimer's and Dementia</i> , 2020, 16, e046234.	0.4	1
47	O5â€04â€02: Altered Protein Expression in Amyloid Plaques in Rapidly Progressive Alzheimer's Disease. <i>Alzheimer's and Dementia</i> , 2016, 12, P385.	0.4	0
48	Front cover: OpenSlice: Quantitative data sharing from HyperPeaks to global ion chromatograms (GICs). <i>Proteomics</i> , 2016, 16, NA-NA.	1.3	0
49	The amyloid plaque proteome in different subtypes of Alzheimerâ€™s disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e044973.	0.4	0