

# Martina Samiotaki

## List of Publications by Year in descending order

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82  
papers

3,377  
citations

186265

28  
h-index

149698

56  
g-index

86  
all docs

86  
docs citations

86  
times ranked

4945  
citing authors

#	ARTICLE	IF	CITATIONS
1	The perennial fruit tree proteogenomics atlas: a spatial map of the sweet cherry proteome and transcriptome. <i>Plant Journal</i> , 2022, 109, 1319-1336.	5.7	17
2	Proteomic Identification of the SLC25A46 Interactome in Transgenic Mice Expressing SLC25A46-FLAG. <i>Journal of Proteome Research</i> , 2022, 21, 375-394.	3.7	4
3	ERAP2 Inhibition Induces Cell-Surface Presentation by MOLT-4 Leukemia Cancer Cells of Many Novel and Potentially Antigenic Peptides. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1913.	4.1	5
4	Mical modulates Tau toxicity via cysteine oxidation in vivo. <i>Acta Neuropathologica Communications</i> , 2022, 10, 44.	5.2	8
5	Unraveling Interactions of the Necrotrophic Fungal Species <i>Botrytis cinerea</i> With 1-Methylcyclopropene or Ozone-Treated Apple Fruit Using Proteomic Analysis. <i>Frontiers in Plant Science</i> , 2021, 12, 644255.	3.6	11
6	aniFOUND: analysing the associated proteome and genomic landscape of the repaired nascent non-replicative chromatin. <i>Nucleic Acids Research</i> , 2021, 49, e64-e64.	14.5	5
7	ProteoSign v2: a faster and evolved user-friendly online tool for statistical analyses of differential proteomics. <i>Nucleic Acids Research</i> , 2021, 49, W573-W577.	14.5	11
8	Novel HIF-2 $\alpha$ interaction with Reptin52 impairs HIF-2 transcriptional activity and EPO secretion. <i>Biochemical and Biophysical Research Communications</i> , 2021, 557, 143-150.	2.1	4
9	PTD-mediated delivery of $\beta$ -globin chain into $\beta$ -562 erythroleukemia cells and $\beta$ -thalassemic (HBH) patients <sup>â€™</sup> RBCs ex vivo in the frame of Protein Replacement Therapy. <i>Journal of Biological Research</i> , 2021, 28, 16.	2.1	3
10	ERK signaling controls productive HIF $\alpha$ 1 binding to chromatin and cancer cell adaptation to hypoxia through HIF $\alpha$ 1 interaction with NPM1. <i>Molecular Oncology</i> , 2021, 15, 3468-3489.	4.6	14
11	Proteo-metabolomic journey across olive drupe development and maturation. <i>Food Chemistry</i> , 2021, 363, 130339.	8.2	7
12	The Two Cysteines of Tau Protein Are Functionally Distinct and Contribute Differentially to Its Pathogenicity <i>in Vivo</i> . <i>Journal of Neuroscience</i> , 2021, 41, 797-810.	3.6	16
13	Allotypic variation in antigen processing controls antigenic peptide generation from SARS-CoV-2 S1 spike glycoprotein. <i>Journal of Biological Chemistry</i> , 2021, 297, 101329.	3.4	5
14	Application of antibody phage display to identify potential antigenic neural precursor cell proteins. <i>Journal of Biological Research</i> , 2020, 27, 14.	2.1	2
15	Generation of SARS-CoV-2 S1 Spike Glycoprotein Putative Antigenic Epitopes in Vitro by Intracellular Aminopeptidases. <i>Journal of Proteome Research</i> , 2020, 19, 4398-4406.	3.7	20
16	Novel insights into the calcium action in cherry fruit development revealed by high-throughput mapping. <i>Plant Molecular Biology</i> , 2020, 104, 597-614.	3.9	27
17	Decoding altitude-activated regulatory mechanisms occurring during apple peel ripening. <i>Horticulture Research</i> , 2020, 7, 120.	6.3	30
18	Proteomic analysis upon peach fruit infection with <i>Monilinia fructicola</i> and <i>M. laxa</i> identify responses contributing to brown rot resistance. <i>Scientific Reports</i> , 2020, 10, 7807.	3.3	16

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19	Systems-Based Approaches to Unravel Networks and Individual Elements Involved in Apple Superficial Scald. <i>Frontiers in Plant Science</i> , 2020, 11, 8.	3.6	24
20	Proteomic and metabolic analysis reveals novel sweet cherry fruit development regulatory points influenced by girdling. <i>Plant Physiology and Biochemistry</i> , 2020, 149, 233-244.	5.8	23
21	LEFKOTHEA Regulates Nuclear and Chloroplast mRNA Splicing in Plants. <i>Developmental Cell</i> , 2019, 50, 767-779.e7.	7.0	17
22	Mapping Interactome Networks of DNAJC11, a Novel Mitochondrial Protein Causing Neuromuscular Pathology in Mice. <i>Journal of Proteome Research</i> , 2019, 18, 3896-3912.	3.7	6
23	Cellular Vesicles: New Insights in Engineering Methods, Interaction with Cells and Potential for Brain Targeting. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 772-785.	2.5	16
24	New Insights for RANKL as a Proinflammatory Modulator in Modeled Inflammatory Arthritis. <i>Frontiers in Immunology</i> , 2019, 10, 97.	4.8	34
25	<i>Drosophila</i> Tau Negatively Regulates Translation and Olfactory Long-Term Memory, But Facilitates Footshock Habituation and Cytoskeletal Homeostasis. <i>Journal of Neuroscience</i> , 2019, 39, 8315-8329.	3.6	23
26	Differential effects of 14-3-3 dimers on Tau phosphorylation, stability and toxicity in vivo. <i>Human Molecular Genetics</i> , 2018, 27, 2244-2261.	2.9	14
27	Divergent Innate and Epithelial Functions of the RNA-Binding Protein HuR in Intestinal Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 2732.	4.8	17
28	Should I stay or should I go? The settlement-inducing protein complex guides barnacle settlement decisions. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	10
29	Production and Transduction of a Human Recombinant $\beta$ -Globin Chain into Proerythroid K-562 Cells To Replace Missing Endogenous $\beta$ -Globin. <i>Molecular Pharmaceutics</i> , 2018, 15, 5665-5677.	4.6	8
30	Metabolic and Evolutionary Insights in the Transformation of Diphenylamine by a <i>Pseudomonas putida</i> Strain Unravalled by Genomic, Proteomic, and Transcription Analysis. <i>Frontiers in Microbiology</i> , 2018, 9, 676.	3.5	4
31	Ethylene $\alpha$ -dependent and $\alpha$ -independent superficial scald resistance mechanisms in $\alpha$ -Granny Smith $\alpha$ apple fruit. <i>Scientific Reports</i> , 2018, 8, 11436.	3.3	65
32	Mortalin-mediated and ERK-controlled targeting of HIF-1 $\alpha$ to mitochondria confers resistance to apoptosis under hypoxia. <i>Journal of Cell Science</i> , 2017, 130, 466-479.	2.0	64
33	Antibodies to inositol 1,4,5-triphosphate receptor 1 in patients with cerebellar disease. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2017, 4, e306.	6.0	9
34	Metabolic pathway and cell adaptation mechanisms revealed through genomic, proteomic and transcription analysis of a <i>Sphingomonas haloaromaticamans</i> strain degrading ortho-phenylphenol. <i>Scientific Reports</i> , 2017, 7, 6449.	3.3	25
35	Proteomic Analysis of Human Angiogenin Interactions Reveals Cytoplasmic PCNA as a Putative Binding Partner. <i>Journal of Proteome Research</i> , 2017, 16, 3606-3622.	3.7	8
36	Phosphorylated exogenous alpha-synuclein fibrils exacerbate pathology and induce neuronal dysfunction in mice. <i>Scientific Reports</i> , 2017, 7, 16533.	3.3	110

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37	Novel insights into SLC25A46-related pathologies in a genetic mouse model. <i>PLoS Genetics</i> , 2017, 13, e1006656.	3.5	35
38	Comparative Physiological and Proteomic Analysis Reveal Distinct Regulation of Peach Skin Quality Traits by Altitude. <i>Frontiers in Plant Science</i> , 2016, 7, 1689.	3.6	66
39	Combinatory annotation of cell membrane receptors and signalling pathways of <i>Bombyx mori</i> prothoracic glands. <i>Scientific Data</i> , 2016, 3, 160073.	5.3	7
40	HIF-2 $\alpha$ phosphorylation by CK1 $\gamma$ promotes erythropoietin secretion in liver cancer cells under hypoxia. <i>Journal of Cell Science</i> , 2016, 129, 4213-4226.	2.0	27
41	SET9-Mediated Regulation of TGF- $\beta$ 2 Signaling Links Protein Methylation to Pulmonary Fibrosis. <i>Cell Reports</i> , 2016, 15, 2733-2744.	6.4	58
42	Integrated analysis of metabolites and proteins reveal aspects of the tissue-specific function of synthetic cytokinin in kiwifruit development and ripening. <i>Journal of Proteomics</i> , 2016, 143, 318-333.	2.4	85
43	Identification of Immunoreactive <i>Leishmania infantum</i> Protein Antigens to Asymptomatic Dog Sera through Combined Immunoproteomics and Bioinformatics Analysis. <i>PLoS ONE</i> , 2016, 11, e0149894.	2.5	27
44	Comparative proteomic analysis of <i>Arthrobacter phenanthrenivorans</i> Sphe3 on phenanthrene, phthalate and glucose. <i>Journal of Proteomics</i> , 2015, 113, 73-89.	2.4	76
45	Calcium sensing receptor in pregnancies complicated by gestational diabetes mellitus. <i>Placenta</i> , 2014, 35, 632-638.	1.5	8
46	The loss of virulence of histone H1 overexpressing <i>Leishmania donovani</i> parasites is directly associated with a reduction of HSP83 rate of translation. <i>Molecular Microbiology</i> , 2013, 88, 1015-1031.	2.5	13
47	A Metabolically-Stabilized Phosphonate Analog of Lysophosphatidic Acid Attenuates Collagen-Induced Arthritis. <i>PLoS ONE</i> , 2013, 8, e70941.	2.5	32
48	A Common Single Nucleotide Polymorphism in Endoplasmic Reticulum Aminopeptidase 2 Induces a Specificity Switch That Leads to Altered Antigen Processing. <i>Journal of Immunology</i> , 2012, 189, 2383-2392.	0.8	92
49	Interplay between oncogenic K-Ras and wild-type H-Ras in Caco2 cell transformation. <i>Journal of Proteomics</i> , 2012, 75, 5356-5369.	2.4	7
50	Phosphorylation of the M3/6 dual-specificity phosphatase enhances the activation of JNK by arsenite. <i>Cellular Signalling</i> , 2012, 24, 664-676.	3.6	15
51	P68/Ddx5 RNA Helicase Interacts and Co-Localizes In vivo with the De Novo DNA Methyltransferases Dnmt3a1 and Dnmt3a2. <i>Journal of Proteomics and Bioinformatics</i> , 2012, 05, .	0.4	0
52	Paf-Metabolic Enzymes and Paf-like Activity in <i>L. Infantum</i> and <i>L. Major</i> Promastigotes. <i>European Journal of Inflammation</i> , 2011, 9, 231-239.	0.5	7
53	$\beta$ 2 Glycoprotein I ( $\beta$ 2GPI) binds platelet factor 4 (PF4): implications for the pathogenesis of antiphospholipid syndrome. <i>Blood</i> , 2010, 115, 713-723.	1.4	92
54	Analysis of Secreted Proteins for the Study of Bladder Cancer Cell Aggressiveness. <i>Journal of Proteome Research</i> , 2010, 9, 3243-3259.	3.7	44

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55	The structure of the 5' untranslated region of mammalian poly(A) polymerase mRNA suggests a mechanism of translational regulation. <i>Molecular and Cellular Biochemistry</i> , 2010, 340, 91-96.	3.1	8
56	Comparative proteomic analysis of alcoholic fermentation employing a new environmental strain of <i>Saccharomyces cerevisiae</i> . <i>Process Biochemistry</i> , 2010, 45, 1094-1102.	3.7	8
57	Differential detection of nuclear envelope autoantibodies in primary biliary cirrhosis using routine and alternative methods. <i>BMC Gastroenterology</i> , 2010, 10, 28.	2.0	6
58	Detection and Isolation of Antiatherogenic and Antioxidant Substances Present in Olive Mill Wastes by a Novel Filtration System. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10554-10564.	5.2	18
59	Proteomic methodologies and their application in colorectal cancer research. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2009, 46, 319-342.	6.1	18
60	Detoxification of 2,4-dichlorophenol by the marine microalga <i>Tetraselmis marina</i> . <i>Phytochemistry</i> , 2008, 69, 707-714.	2.9	59
61	BIOACTIVE POLAR LIPIDS IN OLIVE OIL, POMACE AND WASTE BYPRODUCTS. <i>Journal of Food Biochemistry</i> , 2008, 32, 443-459.	2.9	56
62	Iron regulatory and bactericidal properties of human recombinant hepcidin expressed in <i>Pichia pastoris</i> . <i>Biochimie</i> , 2008, 90, 726-735.	2.6	30
63	Characterization of Flavonoid Subgroups and Hydroxy Substitution by HPLC-MS/MS. <i>Molecules</i> , 2007, 12, 593-606.	3.8	226
64	Biological Activity of Acetylated Phenolic Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 80-89.	5.2	88
65	Analysis of parotid glands of primary Sjögren's syndrome patients using proteomic technology reveals altered autoantigen composition and novel antigenic targets. <i>Clinical and Experimental Immunology</i> , 2007, 147, 81-89.	2.6	25
66	Autoantibodies against Aggrecan in systemic rheumatic diseases. <i>Biochimie</i> , 2006, 88, 767-773.	2.6	9
67	Isolation and identification of hydroxylated platelet-activating factor from natural sources. <i>Life Sciences</i> , 2006, 79, 1796-1803.	4.3	13
68	RNA-binding Motif Protein 15 Binds to the RNA Transport Element RTE and Provides a Direct Link to the NXF1 Export Pathway. <i>Journal of Biological Chemistry</i> , 2006, 281, 36915-36928.	3.4	52
69	Identification of MAPK Phosphorylation Sites and Their Role in the Localization and Activity of Hypoxia-inducible Factor-1. <i>Journal of Biological Chemistry</i> , 2006, 281, 33095-33106.	3.4	231
70	Involvement of Cell Surface HSP90 in Cell Migration Reveals a Novel Role in the Developing Nervous System. <i>Journal of Biological Chemistry</i> , 2004, 279, 45379-45388.	3.4	110
71	Mode of action of family 10 and 11 endoxylanases on water-unextractable arabinoxylan. <i>International Journal of Biological Macromolecules</i> , 2003, 33, 129-134.	7.5	58
72	Fine specificity and subclasses of IgG anti-actin autoantibodies differ in health and disease. <i>Journal of Autoimmunity</i> , 2003, 20, 333-344.	6.5	26

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73	Câ€MYC and IGFâ€II mRNAâ€binding protein (CRDâ€BP/IMPâ€1) in benign and malignant mesenchymal tumors. International Journal of Cancer, 2001, 94, 480-484.	5.1	63
74	Assignment<footref rid="foot01"><sup>1</sup></footref> of the 160-kDa subunit of cleavage and polyadenylation specificity factor (CPSF1) to human chromosome 8q24.23 by radiation hybrid mapping. Cytogenetic and Genome Research, 2000, 90, 234-235.	1.1	3
75	Assignment<footref rid="foot01"><sup>1</sup></footref> of the 100-kDa subunit of cleavage and polyadenylation specificity factor (CPSF2) to human chromosome 14q31.3 by radiation hybrid mapping. Cytogenetic and Genome Research, 2000, 90, 328-329.	1.1	4
76	Expression profiling across many samples via manifold-assisted mRNA processing. Nucleic Acids Research, 2000, 28, 54e-54.	14.5	9
77	Seven-Color Time-Resolved Fluorescence Hybridization Analysis of Human Papilloma Virus Types. Analytical Biochemistry, 1997, 253, 156-161.	2.4	41
78	Detecting Genes with Ligases. Methods, 1996, 9, 84-90.	3.8	14
79	Solid-phase synthesis of chelate-labelled oligonucleotides: application in triple-color ligase-mediated gene analysis. Nucleic Acids Research, 1994, 22, 2604-2611.	14.5	42
80	Padlock probes: circularizing oligonucleotides for localized DNA detection. Science, 1994, 265, 2085-2088.	12.6	707
81	Dual-Color Detection of DNA Sequence Variants by Ligase-Mediated Analysis. Genomics, 1994, 20, 238-242.	2.9	65
82	A Manifold Support for Molecular Genetic Reactions. Analytical Biochemistry, 1993, 211, 144-150.	2.4	14