Martina Samiotaki

List of Publications by Year
in descending order

82	3,377	186265 28	149698 56
papers	citations	h-index	g-index

86	86	86	4945
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Padlock probes: circularizing oligonucleotides for localized DNA detection. Science, 1994, 265, 2085-2088.	12.6	707
2	Identification of MAPK Phosphorylation Sites and Their Role in the Localization and Activity of Hypoxia-inducible Factor-1Î±. Journal of Biological Chemistry, 2006, 281, 33095-33106.	3.4	231
3	Characterization of Flavonoid Subgroups and Hydroxy Substitution by HPLC-MS/MS. Molecules, 2007, 12, 593-606.	3.8	226
4	Involvement of Cell Surface HSP90 in Cell Migration Reveals a Novel Role in the Developing Nervous System. Journal of Biological Chemistry, 2004, 279, 45379-45388.	3.4	110
5	Phosphorylated exogenous alpha-synuclein fibrils exacerbate pathology and induce neuronal dysfunction in mice. Scientific Reports, 2017, 7, 16533.	3.3	110
6	Î²2 Glycoprotein I (Î²2GPI) binds platelet factor 4 (PF4): implications for the pathogenesis of antiphospholipid syndrome. Blood, 2010, 115, 713-723.	1.4	92
7	A Common Single Nucleotide Polymorphism in Endoplasmic Reticulum Aminopeptidase 2 Induces a Specificity Switch That Leads to Altered Antigen Processing. Journal of Immunology, 2012, 189, 2383-2392.	0.8	92
8	Biological Activity of Acetylated Phenolic Compounds. Journal of Agricultural and Food Chemistry, 2007, 55, 80-89.	5.2	88
9	Integrated analysis of metabolites and proteins reveal aspects of the tissue-specific function of synthetic cytokinin in kiwifruit development and ripening. Journal of Proteomics, 2016, 143, 318-333.	2.4	85
10	Comparative proteomic analysis of Arthrobacter phenanthrenivorans Sphe3 on phenanthrene, phthalate and glucose. Journal of Proteomics, 2015, 113, 73-89.	2.4	76
11	Comparative Physiological and Proteomic Analysis Reveal Distinct Regulation of Peach Skin Quality Traits by Altitude. Frontiers in Plant Science, 2016, 7, 1689.	3.6	66
12	Dual-Color Detection of DNA Sequence Variants by Ligase-Mediated Analysis. Genomics, 1994, 20, 238-242.	2.9	65
13	Ethylene â€“dependent and â€“independent superficial scald resistance mechanisms in â€˜Granny Smithâ€™ apple fruit. Scientific Reports, 2018, 8, 11436.	3.3	65
14	Mortalin-mediated and ERK-controlled targeting of HIF-1Î± to mitochondria confers resistance to apoptosis under hypoxia. Journal of Cell Science, 2017, 130, 466-479.	2.0	64
15	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
16	Detoxification of 2,4-dichlorophenol by the marine microalga Tetraselmis marina. Phytochemistry, 2008, 69, 707-714.	2.9	59
17	Mode of action of family 10 and 11 endoxylanases on water-unextractable arabinoxylan. International Journal of Biological Macromolecules, 2003, 33, 129-134.	7.5	58
18	SET9-Mediated Regulation of TGF-Î² Signaling Links Protein Methylation to Pulmonary Fibrosis. Cell Reports, 2016, 15, 2733-2744.	6.4	58

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19	BIOACTIVE POLAR LIPIDS IN OLIVE OIL, POMACE AND WASTE BYPRODUCTS. Journal of Food Biochemistry, 2008, 32, 443-459.	2.9	56
20	RNA-binding Motif Protein 15 Binds to the RNA Transport Element RTE and Provides a Direct Link to the NXF1 Export Pathway. Journal of Biological Chemistry, 2006, 281, 36915-36928.	3.4	52
21	Analysis of Secreted Proteins for the Study of Bladder Cancer Cell Aggressiveness. Journal of Proteome Research, 2010, 9, 3243-3259.	3.7	44
22	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
23	Seven-Color Time-Resolved Fluorescence Hybridization Analysis of Human Papilloma Virus Types. Analytical Biochemistry, 1997, 253, 156-161.	2.4	41
24	Novel insights into SLC25A46-related pathologies in a genetic mouse model. PLoS Genetics, 2017, 13, e1006656.	3.5	35
25	New Insights for RANKL as a Proinflammatory Modulator in Modeled Inflammatory Arthritis. Frontiers in Immunology, 2019, 10, 97.	4.8	34
26	A Metabolically-Stabilized Phosphonate Analog of Lysophosphatidic Acid Attenuates Collagen-Induced Arthritis. PLoS ONE, 2013, 8, e70941.	2.5	32
27	Iron regulatory and bactericidal properties of human recombinant hepcidin expressed in Pichia pastoris. Biochimie, 2008, 90, 726-735.	2.6	30
28	Decoding altitude-activated regulatory mechanisms occurring during apple peel ripening. Horticulture Research, 2020, 7, 120.	6.3	30
29	HIF-2Î± phosphorylation by CK1Î´ promotes erythropoietin secretion in liver cancer cells under hypoxia. Journal of Cell Science, 2016, 129, 4213-4226.	2.0	27
30	Novel insights into the calcium action in cherry fruit development revealed by high-throughput mapping. Plant Molecular Biology, 2020, 104, 597-614.	3.9	27
31	Identification of Immunoreactive Leishmania infantum Protein Antigens to Asymptomatic Dog Sera through Combined Immunoproteomics and Bioinformatics Analysis. PLoS ONE, 2016, 11, e0149894.	2.5	27
32	Fine specificity and subclasses of IgG anti-actin autoantibodies differ in health and disease. Journal of Autoimmunity, 2003, 20, 333-344.	6.5	26
33	Analysis of parotid glands of primary SjÃ¶gren's syndrome patients using proteomic technology reveals altered autoantigen composition and novel antigenic targets. Clinical and Experimental Immunology, 2007, 147, 81-89.	2.6	25
34	Metabolic pathway and cell adaptation mechanisms revealed through genomic, proteomic and transcription analysis of a Sphingomonas haloaromaticamans strain degrading ortho-phenylphenol. Scientific Reports, 2017, 7, 6449.	3.3	25
35	Systems-Based Approaches to Unravel Networks and Individual Elements Involved in Apple Superficial Scald. Frontiers in Plant Science, 2020, 11, 8.	3.6	24
36	DrosophilaTau Negatively Regulates Translation and Olfactory Long-Term Memory, But Facilitates Footshock Habituation and Cytoskeletal Homeostasis. Journal of Neuroscience, 2019, 39, 8315-8329.	3.6	23

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37	Proteomic and metabolic analysis reveals novel sweet cherry fruit development regulatory points influenced by girdling. Plant Physiology and Biochemistry, 2020, 149, 233-244.	5.8	23
38	Generation of SARS-CoV-2 S1 Spike Glycoprotein Putative Antigenic Epitopes in Vitro by Intracellular Aminopeptidases. Journal of Proteome Research, 2020, 19, 4398-4406.	3.7	20
39	Detection and Isolation of Antiatherogenic and Antioxidant Substances Present in Olive Mill Wastes by a Novel Filtration System. Journal of Agricultural and Food Chemistry, 2009, 57, 10554-10564.	5.2	18
40	Proteomic methodologies and their application in colorectal cancer research. Critical Reviews in Clinical Laboratory Sciences, 2009, 46, 319-342.	6.1	18
41	Divergent Innate and Epithelial Functions of the RNA-Binding Protein HuR in Intestinal Inflammation. Frontiers in Immunology, 2018, 9, 2732.	4.8	17
42	LEFKOTHEA Regulates Nuclear and Chloroplast mRNA Splicing in Plants. Developmental Cell, 2019, 50, 767-779.e7.	7.0	17
43	The perennial fruit tree proteogenomics atlas: a spatial map of the sweet cherry proteome and transcriptome. Plant Journal, 2022, 109, 1319-1336.	5.7	17
44	Cellular Vesicles: New Insights in Engineering Methods, Interaction with Cells and Potential for Brain Targeting. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 772-785.	2.5	16
45	Proteomic analysis upon peach fruit infection with Monilinia fructicola and M. laxa identify responses contributing to brown rot resistance. Scientific Reports, 2020, 10, 7807.	3.3	16
46	The Two Cysteines of Tau Protein Are Functionally Distinct and Contribute Differentially to Its Pathogenicityin Vivo. Journal of Neuroscience, 2021, 41, 797-810.	3.6	16
47	Phosphorylation of the M3/6 dual-specificity phosphatase enhances the activation of JNK by arsenite. Cellular Signalling, 2012, 24, 664-676.	3.6	15
48	A Manifold Support for Molecular Genetic Reactions. Analytical Biochemistry, 1993, 211, 144-150.	2.4	14
49	Detecting Genes with Ligases. Methods, 1996, 9, 84-90.	3.8	14
50	Differential effects of 14-3-3 dimers on Tau phosphorylation, stability and toxicity in vivo. Human Molecular Genetics, 2018, 27, 2244-2261.	2.9	14
51	ERK signaling controls productive HIFâ€1 binding to chromatin and cancer cell adaptation to hypoxia through HIFâ€1Î± interaction with NPM1. Molecular Oncology, 2021, 15, 3468-3489.	4.6	14
52	Isolation and identification of hydroxylâ€“platelet-activating factor from natural sources. Life Sciences, 2006, 79, 1796-1803.	4.3	13
53	The loss of virulence of histone <scp>H</scp>1 overexpressing <scp>L</scp>eishmania donovani parasites is directly associated with a reduction of <scp>HSP</scp>83 rate of translation. Molecular Microbiology, 2013, 88, 1015-1031.	2.5	13
54	Unraveling Interactions of the Necrotrophic Fungal Species Botrytis cinerea With 1-Methylcyclopropene or Ozone-Treated Apple Fruit Using Proteomic Analysis. Frontiers in Plant Science, 2021, 12, 644255.	3.6	11

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55	ProteoSign v2: a faster and evolved user-friendly online tool for statistical analyses of differential proteomics. Nucleic Acids Research, 2021, 49, W573-W577.	14.5	11
56	Should I stay or should I go? The settlement-inducing protein complex guides barnacle settlement decisions. Journal of Experimental Biology, 2018, 221, .	1.7	10
57	Expression profiling across many samples via manifold-assisted mRNA processing. Nucleic Acids Research, 2000, 28, 54e-54.	14.5	9
58	Autoantibodies againstÂaggrecan inÂsystemic rheumatic diseases. Biochimie, 2006, 88, 767-773.	2.6	9
59	Antibodies to inositol 1,4,5-triphosphate receptor 1 in patients with cerebellar disease. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e306.	6.0	9
60	The structure of the 5â€²-untranslated region of mammalian poly(A) polymerase-Î± mRNA suggests a mechanism of translational regulation. Molecular and Cellular Biochemistry, 2010, 340, 91-96.	3.1	8
61	Comparative proteomic analysis of alcoholic fermentation employing a new environmental strain of Saccharomyces cerevisiae. Process Biochemistry, 2010, 45, 1094-1102.	3.7	8
62	Calcium sensing receptor in pregnancies complicated by gestational diabetes mellitus. Placenta, 2014, 35, 632-638.	1.5	8
63	Proteomic Analysis of Human Angiogenin Interactions Reveals Cytoplasmic PCNA as a Putative Binding Partner. Journal of Proteome Research, 2017, 16, 3606-3622.	3.7	8
64	Production and Transduction of a Human Recombinant Î²-Globin Chain into Proerythroid K-562 Cells To Replace Missing Endogenous Î²-Globin. Molecular Pharmaceutics, 2018, 15, 5665-5677.	4.6	8
65	Mical modulates Tau toxicity via cysteine oxidation in vivo. Acta Neuropathologica Communications, 2022, 10, 44.	5.2	8
66	Paf-Metabolic Enzymes and Paf-like Activity in L. Infantum and L. Major Promastigotes. European Journal of Inflammation, 2011, 9, 231-239.	0.5	7
67	Interplay between oncogenic K-Ras and wild-type H-Ras in Caco2 cell transformation. Journal of Proteomics, 2012, 75, 5356-5369.	2.4	7
68	Combinatory annotation of cell membrane receptors and signalling pathways of Bombyx mori prothoracic glands. Scientific Data, 2016, 3, 160073.	5.3	7
69	Proteo-metabolomic journey across olive drupe development and maturation. Food Chemistry, 2021, 363, 130339.	8.2	7
70	Differential detection of nuclear envelope autoantibodies in primary biliary cirrhosis using routine and alternative methods. BMC Gastroenterology, 2010, 10, 28.	2.0	6
71	Mapping Interactome Networks of DNAJC11, a Novel Mitochondrial Protein Causing Neuromuscular Pathology in Mice. Journal of Proteome Research, 2019, 18, 3896-3912.	3.7	6
72	aniFOUND: analysing the associated proteome and genomic landscape of the repaired nascent non-replicative chromatin. Nucleic Acids Research, 2021, 49, e64-e64.	14.5	5

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73	Allotypic variation in antigen processing controls antigenic peptide generation from SARS-CoV-2 S1 spike glycoprotein. Journal of Biological Chemistry, 2021, 297, 101329.	3.4	5
74	ERAP2 Inhibition Induces Cell-Surface Presentation by MOLT-4 Leukemia Cancer Cells of Many Novel and Potentially Antigenic Peptides. International Journal of Molecular Sciences, 2022, 23, 1913.	4.1	5
75	Assignment<footref rid="foot01">¹</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	Metabolic and Evolutionary Insights in the Transformation of Diphenylamine by a Pseudomonas putida Strain Unravelled by Genomic, Proteomic, and Transcription Analysis. Frontiers in Microbiology, 2018, 9, 676.	3.5	4
77	Novel HIF-2Î± interaction with Reptin52 impairs HIF-2 transcriptional activity and EPO secretion. Biochemical and Biophysical Research Communications, 2021, 557, 143-150.	2.1	4
78	Proteomic Identification of the SLC25A46 Interactome in Transgenic Mice Expressing SLC25A46-FLAG. Journal of Proteome Research, 2022, 21, 375-394.	3.7	4
79	Assignment<footref rid="foot01">¹</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
80	PTD-mediated delivery of Î±-globin chain into Îš-562 erythroleukemia cells and Î±-thalassemic (HBH) patientsâ€™ RBCs ex vivo in the frame of Protein Replacement Therapy. Journal of Biological Research, 2021, 28, 16.	2.1	3
81	Application of antibody phage display to identify potential antigenic neural precursor cell proteins. Journal of Biological Research, 2020, 27, 14.	2.1	2
82	P68/Ddx5 RNA Helicase Interacts and Co-Localizes In vivo with the De Novo DNA Methyltransferases Dnmt3a1 and Dnmt3a2. Journal of Proteomics and Bioinformatics, 2012, 05, .	0.4	0