Paul M Stemmer

List of Publications by Year in Descending Order

83 papers	1,701 citations	22 h-index	39 g-index
88 ext. papers	1,904 ext. citations	4.8 avg, IF	4.55 L-index

#	Paper	IF	Citations
83	Pattern Analysis of Organellar Maps for Interpretation of Proteomic Data. *Proteomes*, **2022**, 10, 18	4.6	1
82	IL-10: A possible immunobiological component of positive mental health in refugees. *Comprehensive Psychoneuroendocrinology*, **2021**, 8, 100097	1.1	0
81	Enriching extracellular vesicles for mass spectrometry. *Mass Spectrometry Reviews*, **2021**,	11	3
80	Exosomes in Epilepsy of Tuberous Sclerosis Complex: Carriers of Pro-Inflammatory MicroRNAs. *Non-coding RNA*, **2021**, 7,	7.1	5
79	Environmentally-induced contributes to the severity of COVID-19 through fostering expression of SARS-CoV-2 receptor NRPs and glycan metabolism. *Theranostics*, **2021**, 11, 7970-7983	12.1	2
78	The USP10-HDAC6 axis confers cisplatin resistance in non-small cell lung cancer lacking wild-type p53. *Cell Death and Disease*, **2020**, 11, 328	9.8	19
77	Dysfunctional neuroplasticity in newly arrived Middle Eastern refugees in the U.S.: Association with environmental exposures and mental health symptoms. *PLoS ONE*, **2020**, 15, e0230030	3.7	5
76	4-Hydroxy-2-nonenal attenuates 8-oxoguanine DNA glycosylase 1 activity. *Journal of Cellular Biochemistry*, **2020**, 121, 4887	4.7	6
75	Comprehensive Detection of Single Amino Acid Variants and Evaluation of Their Deleterious Potential in a PANC-1 Cell Line. *Journal of Proteome Research*, **2020**, 19, 1635-1646	5.6	7
74	The anti-MRSA compound 3-O-alpha-L-(2?,3?-di-p-coumaroyl)rhamnoside (KCR) inhibits protein synthesis in Staphylococcus aureus. *Journal of Proteomics*, **2020**, 210, 103539	3.9	3
73	Effects of Glycyrrhizin on Multi-Drug Resistant. *Pathogens*, **2020**, 9,	4.5	3
72	Dysfunctional neuroplasticity in newly arrived Middle Eastern refugees in the U.S.: Association with environmental exposures and mental health symptoms **2020**, 15, e0230030		
71	Dysfunctional neuroplasticity in newly arrived Middle Eastern refugees in the U.S.: Association with environmental exposures and mental health symptoms **2020**, 15, e0230030		
70	Dysfunctional neuroplasticity in newly arrived Middle Eastern refugees in the U.S.: Association with environmental exposures and mental health symptoms **2020**, 15, e0230030		
69	Dysfunctional neuroplasticity in newly arrived Middle Eastern refugees in the U.S.: Association with environmental exposures and mental health symptoms **2020**, 15, e0230030		
68	Chronic Low Dose Oral Exposure to Microcystin-LR Exacerbates Hepatic Injury in a Murine Model of Non-Alcoholic Fatty Liver Disease. *Toxins*, **2019**, 11,	4.9	15
67	Human Skeletal Muscle Cells on Engineered 3D Platform Express Key Growth and Developmental Proteins. *ACS Biomaterials Science and Engineering*, **2019**, 5, 970-976	5.5	2

66	Exosome-enriched fractions from MS B cells induce oligodendrocyte death. *Neurology: Neuroimmunology and NeuroInflammation*, **2019**, 6, e550	9.1	9
65	A novel cross-talk between CXCR4 and PI4KIII□n prostate cancer cells. *Oncogene*, **2019**, 38, 332-344	9.2	18
64	New discoveries of mdig in the epigenetic regulation of cancers. *Seminars in Cancer Biology*, **2019**, 57, 27-35	12.7	9
63	Novel protein and immune response markers of human serous tubal intraepithelial carcinoma of the ovary. *Cancer Biomarkers*, **2019**, 26, 471-479	3.8	1
62	Single Amino Acid Variant Discovery in Small Numbers of Cells. *Journal of Proteome Research*, **2019**, 18, 417-425	5.6	12
61	Low level Hg exposure modulates the B-cell cytoskeletal phosphoproteome. *Journal of Proteomics*, **2018**, 173, 107-114	3.9	3
60	Molecular architecture of mouse and human pancreatic zymogen granules: protein components and their copy numbers. *Biophysics Reports*, **2018**, 4, 94-103	3.5	3
59	The predictive performance of short-linear motif features in the prediction of calmodulin-binding proteins. *BMC Bioinformatics*, **2018**, 19, 410	3.6	5
58	Global Signaling Profiling in a Human Model of Tumorigenic Progression Indicates a Role for Alternative RNA Splicing in Cellular Reprogramming. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	1
57	Diabetes and Exposure to Environmental Lead (Pb). *Toxics*, **2018**, 6,	4.7	29
56	Proteomic profile of embryonic stem cells with low survival motor neuron protein is consistent with developmental dysfunction. *Journal of Neural Transmission*, **2017**, 124, 13-23	4.3	3
55	Human Platelet Vesicles Exhibit Distinct Size and Proteome. *Journal of Proteome Research*, **2017**, 16, 2333-2338	5.6	4
54	Mercury alters endogenous phosphorylation profiles of SYK in murine B cells. *BMC Immunology*, **2017**, 18, 37	3.7	4
53	Lead (Pb) exposure promotes diabetes in obese rodents. *Journal of Trace Elements in Medicine and Biology*, **2017**, 39, 221-226	4.1	33
52	Prediction of Calmodulin-Binding Proteins Using Short-Linear Motifs. *Lecture Notes in Computer Science*, **2017**, 107-117	0.9	2
51	Phosphoproteome and transcription factor activity profiling identify actions of the anti-inflammatory agent UTL-5g in LPS stimulated RAW 264.7 cells including disrupting actin remodeling and STAT-3 activation. *European Journal of Pharmacology*, **2017**, 811, 66-73	5.3	2
50	Cortical Tubers: Windows into Dysregulation of Epilepsy Risk and Synaptic Signaling Genes by MicroRNAs. *Cerebral Cortex*, **2016**, 26, 1059-71	5.1	27
49	Rapid high mass resolution mass spectrometry using matrix-assisted ionization. *Methods*, **2016**, 104, 63-8	4.6	15

48	Classification-based quantitative analysis of stable isotope labeling by amino acids in cell culture (SILAC) data. *Computer Methods and Programs in Biomedicine*, **2016**, 137, 137-148	6.9	2
47	Protein Mobility Shifts Contribute to Gel Electrophoresis Liquid Chromatography Analysis. *Journal of Biomolecular Techniques*, **2015**, 26, 103-12	1.1	3
46	Proteomics analysis of rough endoplasmic reticulum in pancreatic beta cells. *Proteomics*, **2015**, 15, 1508-18	4.8	10
45	Filamin A phosphorylation by Akt promotes cell migration in response to arsenic. *Oncotarget*, **2015**, 6, 12009-19	3.3	27
44	The proteomic investigation reveals interaction of mdig protein with the machinery of DNA double-strand break repair. *Oncotarget*, **2015**, 6, 28269-81	3.3	14
43	Mercury alters B-cell protein phosphorylation profiles. *Journal of Proteome Research*, **2014**, 13, 496-505	5.6	8
42	Oxidation-induced conformational changes in calcineurin determined by covalent labeling and tandem mass spectrometry. *Biochemistry*, **2014**, 53, 6754-65	3.2	8
41	Abrogating phosphorylation of eIF4B is required for EGFR and mTOR inhibitor synergy in triple-negative breast cancer. *Breast Cancer Research and Treatment*, **2014**, 147, 283-93	4.4	15
40	A systems toxicology approach identifies Lyn as a key signaling phosphoprotein modulated by mercury in a B lymphocyte cell model. *Toxicology and Applied Pharmacology*, **2014**, 276, 47-54	4.6	13
39	Identification of an intrinsic determinant critical for maspin subcellular localization and function. *PLoS ONE*, **2013**, 8, e74502	3.7	17
38	Sulfonium ion derivatization, isobaric stable isotope labeling and data dependent CID- and ETD-MS/MS for enhanced phosphopeptide quantitation, identification and phosphorylation site characterization. *Journal of the American Society for Mass Spectrometry*, **2012**, 23, 577-93	3.5	21
37	Proteomic profiling of lipid rafts in a human breast cancer model of tumorigenic progression. *Clinical and Experimental Metastasis*, **2011**, 28, 529-40	4.7	16
36	Tandem mass spectrometry strategies for phosphoproteome analysis. *Mass Spectrometry Reviews*, **2011**, 30, 600-25	11	104
35	Protein profiling underscores immunological functions of uterine cervical mucus plug in human pregnancy. *Journal of Proteomics*, **2011**, 74, 817-28	3.9	31
34	Intestinal epithelial cells in vitro. *Stem Cells and Development*, **2010**, 19, 131-42	4.4	65
33	Enhanced characterization of singly protonated phosphopeptide ions by femtosecond laser-induced ionization/dissociation tandem mass spectrometry (fs-LID-MS/MS). *Journal of the American Society for Mass Spectrometry*, **2010**, 21, 2031-40	3.5	22
32	Methionine oxidation in the calmodulin-binding domain of calcineurin disrupts calmodulin binding and calcineurin activation. *Biochemistry*, **2008**, 47, 3085-95	3.2	52
31	Effects of cathepsins B and L inhibition on postischemic protein alterations in the brain. *Biochemical and Biophysical Research Communications*, **2008**, 366, 86-91	3.4	22

30	Gossypol inhibits calcineurin phosphatase activity at multiple sites. *European Journal of Pharmacology*, **2007**, 555, 106-14	5.3	20
29	Gossypol Disrupts Calcineurin Activation at Multiple Sites. *FASEB Journal*, **2006**, 20, A1123	0.9	1
28	Analysis of Human Proteome Organization Plasma Proteome Project (HUPO PPP) reference specimens using surface enhanced laser desorption/ionization-time of flight (SELDI-TOF) mass spectrometry: multi-institution correlation of spectra and identification of biomarkers. *Proteomics*, **2005**, 5, 3467-74	4.8	88
27	Alcohols increase calmodulin affinity for Ca2+ and decrease target affinity for calmodulin. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2004**, 1691, 161-7	4.9	10
26	Calmodulin is a limiting factor in the cell. *Trends in Cardiovascular Medicine*, **2002**, 12, 32-7	6.9	122
25	Differential susceptibilities of serine/threonine phosphatases to oxidative and nitrosative stress. *Archives of Biochemistry and Biophysics*, **2002**, 404, 271-8	4.1	101
24	Ca2+ binding site 2 in calcineurin-B modulates calmodulin-dependent calcineurin phosphatase activity. *Biochemistry*, **2001**, 40, 8808-14	3.2	23
23	Modulation of the phosphatase activity of calcineurin by oxidants and antioxidants in vitro. *FEBS Journal*, **2000**, 267, 2312-22		63
22	Protein dephosphorylation rates in myocytes after isoproterenol withdrawal. *Biochemical Pharmacology*, **2000**, 59, 1513-9	6	7
21	Ca(2+) binding and energy coupling in the calmodulin-myosin light chain kinase complex. *Journal of Biological Chemistry*, **2000**, 275, 4199-204	5.4	28
20	Interactions of calcineurin A, calcineurin B, and Ca2+. *Biochemistry*, **1999**, 38, 12481-9	3.2	41
19	Cyclosporin A has low potency as a calcineurin inhibitor in cells expressing high levels of P-glycoprotein. *Life Sciences*, **1998**, 62, 2441-8	6.8	7
18	Pyrethroid insecticides as phosphatase inhibitors. *Biochemical Pharmacology*, **1998**, 55, 2017-22	6	32
17	Genotoxicology and risk assessment in the era of the human genome project. *Journal of Toxicology: Clinical Toxicology*, **1996**, 34, 521-3		
16	Localization of unique functional determinants in the calmodulin lobes to individual EF hands. *Journal of Biological Chemistry*, **1996**, 271, 32217-25	5.4	24
15	Factors responsible for the Ca(2+)-dependent inactivation of calcineurin in brain. *FEBS Letters*, **1995**, 374, 237-40	3.8	32
14	Dual calcium ion regulation of calcineurin by calmodulin and calcineurin B. *Biochemistry*, **1994**, 33, 6859-66	3.2	256
13	Serine/threonine phosphatases in the nervous system. *Current Opinion in Neurobiology*, **1991**, 1, 53-64	7.6	57

12	Electrostatic repulsion between molecules of like charge can be misinterpreted as binding. *FEBS Letters*, **1990**, 276, 71-4	3.8	3
11	Effects of Ca2+ on the sodium pump observed in cardiac myocytes isolated from guinea pigs. *Biochimica Et Biophysica Acta - Biomembranes*, **1989**, 982, 279-87	3.8	10
10	Isolation and enrichment of Ca2+-tolerant myocytes for biochemical experiments from guinea-pig heart. *Life Sciences*, **1989**, 44, 1231-7	6.8	9
9	Sodium-pump activity and its inhibition by extracellular calcium in cardiac myocytes of guinea pigs. *Biochimica Et Biophysica Acta - Biomembranes*, **1988**, 940, 188-96	3.8	19
8	Apparent cooperativity of [3H]ouabain binding to myocytes obtained from guinea-pig heart. *Biochimica Et Biophysica Acta - Biomembranes*, **1988**, 937, 247-57	3.8	7
7	Comparison of [3H]ouabain binding sites in intact cells and cell homogenates: apparent lack of glycoside receptors unrelated to sarcolemmal Na+, K+-ATPase in guinea-pig heart. *European Journal of Pharmacology*, **1988**, 146, 137-44	5.3	3
6	13-Propylberberine reduces response of guinea-pig myocardium to inotropic interventions including changes in extracellular Ca2+. *Life Sciences*, **1986**, 39, 1411-6	6.8	2
5	Aging and digitalis sensitivity of cardiac muscle in rats. *European Journal of Pharmacology*, **1985**, 113, 167-78	5.3	22
4	Reduced tolerance to digitalis-induced arrhythmias caused by coronary-flow alterations in isolated perfused heart of guinea pigs. *Life Sciences*, **1984**, 34, 105-12	6.8	8
3	Influence of red blood cells, serum albumin, and serum lipoproteins on the clearance of benzo[alpha]pyrene by isolated livers of 3-methylcholanthrene-treated rats. *Biochemical Pharmacology*, **1984**, 33, 3433-8	6	4
2	Analysis of Human Proteome Organization Plasma Proteome Project (HUPO PPP) reference specimens using surface enhanced laser desorption/ionization-time of flight (SELDI-TOF) mass spectrometry: Multi-institution correlation of spectra and identification of biomarkers273-287		
1	2019 Association of Biomolecular Resource Facilities Multi-Laboratory Data-Independent Acquisition Study		1