

Matthew J Peirce

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

717
citations

687363

13
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

1245
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic dipeptides: from bugs to brain. <i>Trends in Molecular Medicine</i> , 2014, 20, 551-558.	6.7	86
2	Expression Profiling of Lymphocyte Plasma Membrane Proteins. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 56-65.	3.8	82
3	The Src Homology 2 Domain of Vav Is Required for Its Compartmentation to the Plasma Membrane and Activation of C-Jun N-terminal Kinase 1. <i>Journal of Experimental Medicine</i> , 2000, 191, 47-60.	8.5	76
4	Role of calcineurin in the regulation of human lung mast cell and basophil function by cyclosporine and FK506. <i>British Journal of Pharmacology</i> , 2007, 150, 509-518.	5.4	55
5	Glyoxalase 1 sustains the metastatic phenotype of prostate cancer cells via <sc>EMT</sc> control. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2865-2883.	3.6	53
6	Peroxynitrite Activates the NLRP3 Inflammasome Cascade in SOD1(G93A) Mouse Model of Amyotrophic Lateral Sclerosis. <i>Molecular Neurobiology</i> , 2018, 55, 2350-2361.	4.0	53
7	Src and fibroblast growth factor 2 independently regulate signaling and gene expression induced by experimental injury to intact articular cartilage. <i>Arthritis and Rheumatism</i> , 2013, 65, 397-407.	6.7	46
8	Oleuropein-Induced Apoptosis Is Mediated by Mitochondrial Glyoxalase 2 in NSCLC A549 Cells: A Mechanistic Inside and a Possible Novel Nonenzymatic Role for an Ancient Enzyme. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	4.0	34
9	Themis2/ICB1 Is a Signaling Scaffold That Selectively Regulates Macrophage Toll-Like Receptor Signaling and Cytokine Production. <i>PLoS ONE</i> , 2010, 5, e11465.	2.5	33
10	Detergent-resistant Microdomains Offer No Refuge for Proteins Phosphorylated by the IgE Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 34976-34982.	3.4	30
11	The Role of Cyclo(His-Pro) in Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1332.	4.1	29
12	Preliminary characterization of the role of protein serine/ threonine phosphatases in the regulation of human lung mast cell function. <i>British Journal of Pharmacology</i> , 1997, 120, 239-246.	5.4	22
13	The Tm7sf2 Gene Deficiency Protects Mice against Endotoxin-Induced Acute Kidney Injury. <i>PLoS ONE</i> , 2015, 10, e0141885.	2.5	16
14	Regulation of immunoglobulin E-mediated secretion by protein phosphatases in human basophils and mast cells of skin and lung. <i>European Journal of Pharmacology</i> , 2001, 430, 135-141.	3.5	13
15	Themis2 Is Not Required for B Cell Development, Activation, and Antibody Responses. <i>Journal of Immunology</i> , 2014, 193, 700-707.	0.8	12
16	Role of protein phosphatases in the regulation of human mast cell and basophil function. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 277, C1021-C1028.	4.6	10
17	Natriuretic Peptides: The Case of Prostate Cancer. <i>Molecules</i> , 2017, 22, 1680.	3.8	9
18	JNK signaling regulates oviposition in the malaria vector <i>Anopheles gambiae</i> . <i>Scientific Reports</i> , 2020, 10, 14344.	3.3	9

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19	A quantitative approach to signal transduction. Immunology Letters, 1999, 68, 53-57.	2.5	8
20	Two-stage affinity purification for inducibly phosphorylated membrane proteins. Proteomics, 2005, 5, 2417-2421.	2.2	8
21	Potential Influence of Cyclo(His-Pro) on Proteostasis: Impact on Neurodegenerative Diseases. Current Protein and Peptide Science, 2018, 19, 805-812.	1.4	8
22	Regulation of human basophil function by phosphatase inhibitors. British Journal of Pharmacology, 1996, 119, 446-453.	5.4	7
23	Proteomic Analysis of the Lymphocyte Plasma Membrane Using Cell Surface Biotinylation and Solution-Phase Isoelectric Focusing. Methods in Molecular Biology, 2009, 528, 135-140.	0.9	7
24	Characterization of protein serine/threonine phosphatase activities in human lung mast cells and basophils. British Journal of Pharmacology, 1998, 125, 1095-1101.	5.4	5
25	Cyclic Peptides in Neurological Disorders: The Case of Cyclo(His-Pro). , 2019, , 257-286.		3
26	Mapping Lymphocyte Plasma Membrane Proteins. Methods in Molecular Medicine, 2007, 136, 361-367.	0.8	3
27	The Role of Protein Phosphatases in Cell Signaling by the High-Affinity Receptor for Immunoglobulin E. , 1999, , 134-151.		0