

# Justin A Macdonald

## List of Publications by Year in descending order

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121  
papers

5,175  
citations

109137

35  
h-index

95083

68  
g-index

127  
all docs

127  
docs citations

127  
times ranked

6607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of neuronal P2X7 receptorâ€“pannexin-1 mediates death of enteric neurons during colitis. <i>Nature Medicine</i> , 2012, 18, 600-604.	15.2	369
2	NLRP3 inflammasome plays a key role in the regulation of intestinal homeostasis. <i>Inflammatory Bowel Diseases</i> , 2011, 17, 1359-1372.	0.9	366
3	Targeting Aquaporin-4 Subcellular Localization to Treat Central Nervous System Edema. <i>Cell</i> , 2020, 181, 784-799.e19.	13.5	271
4	The myosin phosphatase targeting protein (MYPT) family: A regulated mechanism for achieving substrate specificity of the catalytic subunit of protein phosphatase type 1Î´. <i>Archives of Biochemistry and Biophysics</i> , 2011, 510, 147-159.	1.4	217
5	NLRP3 inflammasome inhibition is disrupted in a group of auto-inflammatory disease CAPS mutations. <i>Nature Immunology</i> , 2016, 17, 1176-1186.	7.0	216
6	Identification of the endogenous smooth muscle myosin phosphatase-associated kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2419-2424.	3.3	201
7	Smooth Muscle Phosphatase Is Regulated in Vivo by Exclusion of Phosphorylation of Threonine 696 of MYPT1 by Phosphorylation of Serine 695 in Response to Cyclic Nucleotides. <i>Journal of Biological Chemistry</i> , 2004, 279, 34496-34504.	1.6	201
8	<i>Clostridium difficile</i> Toxinâ€“Induced Inflammation and Intestinal Injury Are Mediated by the Inflammasome. <i>Gastroenterology</i> , 2010, 139, 542-552.e3.	0.6	198
9	Phosphorylation of the myosin phosphatase target subunit by integrin-linked kinase. <i>Biochemical Journal</i> , 2002, 366, 211-216.	1.7	158
10	The Nlrp3 inflammasome promotes myocardial dysfunction in structural cardiomyopathy through interleukinâ€“1Î². <i>Experimental Physiology</i> , 2013, 98, 462-472.	0.9	150
11	The airway epithelium nucleotide-binding domain and leucine-rich repeat protein 3 inflammasome is activated by urban particulate matter. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1116-1125.e6.	1.5	144
12	Regulation of Ground Squirrel Na+K+-ATPase Activity by Reversible Phosphorylation during Hibernation. <i>Biochemical and Biophysical Research Communications</i> , 1999, 254, 424-429.	1.0	125
13	Shiga Toxin/Lipopolysaccharide Activates Caspase-4 and Gasdermin D to Trigger Mitochondrial Reactive Oxygen Species Upstream of the NLRP3 Inflammasome. <i>Cell Reports</i> , 2018, 25, 1525-1536.e7.	2.9	117
14	C-terminal Repeat Domain Kinase I Phosphorylates Ser2 and Ser5 of RNA Polymerase II C-terminal Domain Repeats. <i>Journal of Biological Chemistry</i> , 2004, 279, 24957-24964.	1.6	112
15	Dual Ser and Thr phosphorylation of CPI-17, an inhibitor of myosin phosphatase, by MYPT-associated kinase. <i>FEBS Letters</i> , 2001, 493, 91-94.	1.3	105
16	Integrin-linked kinase is responsible for Ca2+-independent myosin diphosphorylation and contraction of vascular smooth muscle. <i>Biochemical Journal</i> , 2005, 392, 641-648.	1.7	103
17	Parasitic helminths: a pharmacopeia of anti-inflammatory molecules. <i>Parasitology</i> , 2009, 136, 125-147.	0.7	93
18	Extracts of the Rat Tapeworm, <i>Hymenolepis diminuta</i> , Suppress Macrophage Activation In Vitro and Alleviate Chemically Induced Colitis in Mice. <i>Infection and Immunity</i> , 2010, 78, 1364-1375.	1.0	93

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19	Smooth Muscle Myosin Phosphatase-associated Kinase Induces Ca <sup>2+</sup> Sensitization via Myosin Phosphatase Inhibition. <i>Journal of Biological Chemistry</i> , 2002, 277, 23441-23446.	1.6	82
20	Hypoxia-Inducible Factor Signaling Provides Protection in Clostridium difficile-Induced Intestinal Injury. <i>Gastroenterology</i> , 2010, 139, 259-269.e3.	0.6	81
21	Renal immune surveillance and dipeptidase-1 contribute to contrast-induced acute kidney injury. <i>Journal of Clinical Investigation</i> , 2018, 128, 2894-2913.	3.9	74
22	Biochemical and structural aspects of the ATP-binding domain in inflammasome-forming human NLRP proteins. <i>IUBMB Life</i> , 2013, 65, 851-862.	1.5	67
23	The regulation of smooth muscle contractility by zipper-interacting protein kinase This paper is one of a selection of papers published in this Special Issue, entitled Young Investigators' Forum.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 79-87.	0.7	66
24	Site-specific Phosphorylation and Point Mutations of Telokin Modulate Its Ca <sup>2+</sup> -desensitizing Effect in Smooth Muscle. <i>Journal of Biological Chemistry</i> , 2001, 276, 24519-24524.	1.6	51
25	Characterization of protein kinase pathways responsible for Ca <sup>2+</sup> sensitization in rat ileal longitudinal smooth muscle. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G699-G710.	1.6	51
26	Intrarectal Instillation of Clostridium difficile Toxin A Triggers Colonic Inflammation and Tissue Damage: Development of a Novel and Efficient Mouse Model of Clostridium difficile Toxin Exposure. <i>Infection and Immunity</i> , 2012, 80, 4474-4484.	1.0	50
27	Mitogen-activated protein kinases and selected downstream targets display organ-specific responses in the hibernating ground squirrel. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 679-691.	1.2	47
28	A Strategy for the Rapid Identification of Phosphorylation Sites in the Phosphoproteome. <i>Molecular and Cellular Proteomics</i> , 2002, 1, 314-322.	2.5	46
29	Cross-talk between Rho-associated Kinase and Cyclic Nucleotide-dependent Kinase Signaling Pathways in the Regulation of Smooth Muscle Myosin Light Chain Phosphatase. <i>Journal of Biological Chemistry</i> , 2012, 287, 36356-36369.	1.6	45
30	ATP-Binding and Hydrolysis in Inflammasome Activation. <i>Molecules</i> , 2020, 25, 4572.	1.7	43
31	The P2Y6 Receptor Mediates Clostridium difficile Toxin-Induced CXCL8/IL-8 Production and Intestinal Epithelial Barrier Dysfunction. <i>PLoS ONE</i> , 2013, 8, e81491.	1.1	43
32	Coimmunopurification of Phosphorylated Bacterial- and Plant-Type Phosphoenolpyruvate Carboxylases with the Plastidial Pyruvate Dehydrogenase Complex from Developing Castor Oil Seeds. <i>Plant Physiology</i> , 2008, 146, 1346-1357.	2.3	41
33	Fluorescence Linked Enzyme Chemoproteomic Strategy for Discovery of a Potent and Selective DAPK1 and ZIPK Inhibitor. <i>ACS Chemical Biology</i> , 2013, 8, 2715-2723.	1.6	41
34	Targeting Hypoxia-Inducible Factor-1 (HIF-1) Signaling in Therapeutics: Implications for the Treatment of Inflammatory Bowel Disease. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2009, 3, 1-16.	3.9	40
35	Mitogen-Activated Protein Kinase Pathways Contribute to Hypercontractility and Increased Ca <sup>2+</sup> Sensitization in Murine Experimental Colitis. <i>Molecular Pharmacology</i> , 2009, 75, 1031-1041.	1.0	38
36	Chemical Genetics of Zipper-interacting Protein Kinase Reveal Myosin Light Chain as a Bona Fide Substrate in Permeabilized Arterial Smooth Muscle. <i>Journal of Biological Chemistry</i> , 2011, 286, 36978-36991.	1.6	38

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37	Vitamin D3 Metabolites Enhance the NLRP3-Dependent Secretion of IL-1 $\beta$ From Human THP-1 Monocytic Cells. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 711-720.	1.2	37
38	cAMP-dependent protein kinase from brown adipose tissue: temperature effects on kinetic properties and enzyme role in hibernating ground squirrels. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1998, 168, 513-525.	0.7	35
39	Modulation of smooth muscle contractility by CHASM, a novel member of the smoothelin family of proteins. <i>FEBS Letters</i> , 2004, 573, 207-213.	1.3	35
40	Cyclic AMP-dependent protein kinase: role in anoxia and freezing tolerance of the marine periwinkle <i>Littorina littorea</i> . <i>Marine Biology</i> , 1999, 133, 193-203.	0.7	32
41	The role of the calponin homology domain of smoothelin-like 1 (SMTNL1) in myosin phosphatase inhibition and smooth muscle contraction. <i>Molecular and Cellular Biochemistry</i> , 2009, 327, 93-100.	1.4	32
42	Regulation of Smooth Muscle Myosin Light Chain Phosphatase by Multisite Phosphorylation of the Myosin Targeting Subunit, MYPT1. <i>Cardiovascular &amp; Hematological Disorders Drug Targets</i> , 2018, 18, 4-13.	0.2	32
43	Phosphorylation of telokin by cyclic nucleotide kinases and the identification of in vivo phosphorylation sites in smooth muscle. <i>FEBS Letters</i> , 2000, 479, 83-88.	1.3	31
44	Solution Structure of the Calponin Homology (CH) Domain from the Smoothelin-like 1 Protein. <i>Journal of Biological Chemistry</i> , 2008, 283, 20569-20578.	1.6	27
45	Structure-Activity Relationships for Selected Sulfur-Rich Antithrombotic Compounds. <i>Biochemical and Biophysical Research Communications</i> , 2000, 273, 421-424.	1.0	26
46	Improving upon the in vitro biological activity of antithrombotic disulfides. <i>Blood Coagulation and Fibrinolysis</i> , 2004, 15, 447-450.	0.5	26
47	Fatty acid binding proteins and fatty acid catabolism in marine invertebrates: Peroxisomal $\beta$ -oxidation. <i>Invertebrate Reproduction and Development</i> , 1994, 25, 73-82.	0.3	23
48	Effects of phosphorylation on the NLRP3 inflammasome. <i>Archives of Biochemistry and Biophysics</i> , 2019, 670, 43-57.	1.4	23
49	Identification and characterization of D-AKAP1 as a major adipocyte PKA and PP1 binding protein. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 351-357.	1.0	21
50	Targeting Pim Kinases and DAPK3 to Control Hypertension. <i>Cell Chemical Biology</i> , 2018, 25, 1195-1207.e32.	2.5	21
51	Temperature and phosphate effects on allosteric phenomena of phosphofructokinase from a hibernating ground squirrel ( <i>Spermophilus lateralis</i> ). <i>FEBS Journal</i> , 2004, 272, 120-128.	2.2	20
52	Exploring the interplay of barrier function and leukocyte recruitment in intestinal inflammation by targeting fucosyltransferase VII and trefoil factor 3. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, G43-G53.	1.6	19
53	Novel Contributions of the Smoothelin-like 1 Protein in Vascular Smooth Muscle Contraction and its Potential Involvement in Myogenic Tone. <i>Microcirculation</i> , 2014, 21, 249-258.	1.0	19
54	A Small Molecule Pyrazolo[3,4-d]Pyrimidinone Inhibitor of Zipper-Interacting Protein Kinase Suppresses Calcium Sensitization of Vascular Smooth Muscle. <i>Molecular Pharmacology</i> , 2016, 89, 105-117.	1.0	19

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55	Pregnane X Receptor Activation Triggers Rapid ATP Release in Primed Macrophages That Mediates NLRP3 Inflammasome Activation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 44-53.	1.3	18
56	The contribution of protein kinase C and CPI-17 signaling pathways to hypercontractility in murine experimental colitis. <i>Neurogastroenterology and Motility</i> , 2012, 24, e15-26.	1.6	17
57	A novel inhibitory effect of oxazol-5-one compounds on ROCKII signaling in human coronary artery vascular smooth muscle cells. <i>Scientific Reports</i> , 2016, 6, 32118.	1.6	17
58	Analysis of phosphorylation of the myosin-targeting subunit of myosin light chain phosphatase by Phos-tag SDS-PAGE. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C681-C691.	2.1	16
59	Proteomic Analysis of Calcium/Calmodulin-dependent Protein Kinase I and IV in Vitro Substrates Reveals Distinct Catalytic Preferences. <i>Journal of Biological Chemistry</i> , 2003, 278, 10516-10522.	1.6	15
60	ERK and p38MAPK pathways regulate myosin light chain phosphatase and contribute to Ca <sup>2+</sup> sensitization of intestinal smooth muscle contraction. <i>Neurogastroenterology and Motility</i> , 2015, 27, 135-146.	1.6	15
61	Purification and characterization of fructose biphosphate aldolase from the ground squirrel, <i>Spermophilus lateralis</i> : enzyme role in mammalian hibernation. <i>Archives of Biochemistry and Biophysics</i> , 2002, 408, 279-285.	1.4	14
62	The effect of hibernation on protein phosphatases from ground squirrel organs. <i>Archives of Biochemistry and Biophysics</i> , 2007, 468, 234-243.	1.4	14
63	Inhibition of zipper-interacting protein kinase function in smooth muscle by a myosin light chain kinase pseudosubstrate peptide. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C1951-C1959.	2.1	14
64	Smooth muscle phenotypic plasticity in mechanical obstruction of the small intestine. <i>Neurogastroenterology and Motility</i> , 2008, 20, 737-740.	1.6	14
65	Ca <sup>2+</sup> -independent contraction of longitudinal ileal smooth muscle is potentiated by a zipper-interacting protein kinase pseudosubstrate peptide. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, G361-G370.	1.6	14
66	Differential mechanisms of adenosine and ATP <sub>3S</sub> induced microvascular endothelial barrier strengthening. <i>Journal of Cellular Physiology</i> , 2019, 234, 5863-5879.	2.0	14
67	Attenuation of <i>Clostridium difficile</i> toxin-induced damage to epithelial barrier by ecto-5'-nucleotidase (CD73) and adenosine receptor signaling. <i>Neurogastroenterology and Motility</i> , 2013, 25, e441-53.	1.6	13
68	Smoothelins and the Control of Muscle Contractility. <i>Advances in Pharmacology</i> , 2018, 81, 39-78.	1.2	13
69	Rho-associated kinase and zipper-interacting protein kinase, but not myosin light chain kinase, are involved in the regulation of myosin phosphorylation in serum-stimulated human arterial smooth muscle cells. <i>PLoS ONE</i> , 2019, 14, e0226406.	1.1	13
70	Application of immobilized ATP to the study of NLRP inflammasomes. <i>Archives of Biochemistry and Biophysics</i> , 2019, 670, 104-115.	1.4	13
71	In situ Analysis of Smoothelin-like 1 and Calmodulin Interactions in Smooth Muscle Cells by Proximity Ligation. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2667-2675.	1.2	12
72	Synthesis and Chlorination of Chloromethyl Methylsulfonylmethyl Sulfide. <i>Australian Journal of Chemistry</i> , 1997, 50, 683.	0.5	12

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73	Gastrointestinal dysbiosis and the use of fecal microbial transplantation in <i>Clostridium difficile</i> infection. <i>World Journal of Gastrointestinal Pathophysiology</i> , 2015, 6, 169.	0.5	12
74	Protein phosphatase type-1 from skeletal muscle of the freeze-tolerant wood frog. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 131, 27-36.	0.7	11
75	Staurosporine inhibition of zipper-interacting protein kinase contractile effects in gastrointestinal smooth muscle. <i>Biochemistry and Cell Biology</i> , 2007, 85, 111-120.	0.9	11
76	Glycation of wood frog ( <i>Rana sylvatica</i> ) hemoglobin and blood proteins: In vivo and in vitro studies. <i>Cryobiology</i> , 2009, 59, 223-225.	0.3	11
77	The muscle fatty acid binding protein of spadefoot toad ( <i>Scaphiopus couchii</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 125, 347-357.	0.7	10
78	Identification of a 115kDa MAP-kinase activated by freezing and anoxic stresses in the marine periwinkle, <i>Littorina littorea</i> . <i>Archives of Biochemistry and Biophysics</i> , 2006, 450, 208-214.	1.4	10
79	Tropomyosin binding properties of the CHASM protein are dependent upon its calponin homology domain. <i>FEBS Letters</i> , 2010, 584, 3311-3316.	1.3	10
80	Differential effects of salvinorin A on endotoxin-induced hypermotility and neurogenic ion transport in mouse ileum. <i>Neurogastroenterology and Motility</i> , 2011, 23, 583-e212.	1.6	10
81	Intrinsically Disordered N-Terminus of Calponin Homology-Associated Smooth Muscle Protein (CHASM) Interacts with the Calponin Homology Domain to Enable Tropomyosin Binding. <i>Biochemistry</i> , 2012, 51, 2694-2705.	1.2	10
82	Chemical Modulation of the 1-(Piperidin-4-yl)-1,3-dihydro-2H-benzo[d]imidazole-2-one Scaffold as a Novel NLRP3 Inhibitor. <i>Molecules</i> , 2021, 26, 3975.	1.7	10
83	Extracellular cathepsin Z signals through the $\beta 5$ integrin and augments NLRP3 inflammasome activation. <i>Journal of Biological Chemistry</i> , 2022, 298, 101459.	1.6	10
84	Mapping and functional characterization of the murine Smoothelin-like 1 promoter. <i>BMC Molecular Biology</i> , 2011, 12, 10.	3.0	9
85	Effects of Nitric Oxide and Reactive Oxygen Species on HIF-1 $\alpha$ Stabilization Following <i>Clostridium Difficile</i> Toxin Exposure of the Caco-2 Epithelial Cell Line. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 417-430.	1.1	9
86	Smoothelin-like 1 deletion enhances myogenic reactivity of mesenteric arteries with alterations in PKC and myosin phosphatase signaling. <i>Scientific Reports</i> , 2019, 9, 481.	1.6	9
87	MAPKs represent novel therapeutic targets for gastrointestinal motility disorders. <i>World Journal of Gastrointestinal Pathophysiology</i> , 2011, 2, 19.	0.5	9
88	Reassessment of the cold-labile nature of phosphofructokinase from a hibernating ground squirrel. , 2001, 225, 51-57.		8
89	Identification of the linker histone H1 as a protein kinase C $\mu$ -binding protein in vascular smooth muscle. <i>Biochemistry and Cell Biology</i> , 2004, 82, 538-546.	0.9	8
90	Temperature and phosphate effects on allosteric phenomena of phosphofructokinase from a hibernating ground squirrel ( <i>Spermophilus lateralis</i> ). <i>FEBS Journal</i> , 2005, 272, 120-8.	2.2	8

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91	Opportunities to Target Specific Contractile Abnormalities with Smooth Muscle Protein Kinase Inhibitors. <i>Pharmaceuticals</i> , 2010, 3, 1739-1760.	1.7	7
92	Prostate-apoptosis response-4 phosphorylation in vascular smooth muscle. <i>Archives of Biochemistry and Biophysics</i> , 2013, 535, 84-90.	1.4	7
93	Two domains of the smoothelin-like 1 protein bind apo- and calcium-calmodulin independently. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1580-1590.	1.1	7
94	Network analysis of TCGA and GTEx gene expression datasets for identification of trait-associated biomarkers in human cancer. <i>STAR Protocols</i> , 2022, 3, 101168.	0.5	6
95	A Potential New Tool for Managing <i>Clostridium difficile</i> Infection. <i>Journal of Infectious Diseases</i> , 2013, 207, 1484-1486.	1.9	5
96	Quantification of Inflammasome Adaptor Protein ASC in Biological Samples by Multiple-Reaction Monitoring Mass Spectrometry. <i>Inflammation</i> , 2018, 41, 1396-1408.	1.7	5
97	Childhood disadvantage and adolescent socioemotional wellbeing as predictors of future parenting behaviour. <i>Journal of Adolescence</i> , 2021, 86, 90-100.	1.2	5
98	Network analysis identifies DAPK3 as a potential biomarker for lymphatic invasion and colon adenocarcinoma prognosis. <i>IScience</i> , 2021, 24, 102831.	1.9	5
99	Quantitation of myosin regulatory light chain phosphorylation in biological samples with multiple reaction monitoring mass spectrometry. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 608-616.	1.1	4
100	Validation of chemical genetics for the study of zipper-interacting protein kinase signaling. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 1211-1217.	1.5	4
101	Simultaneous binding of the N- and C-terminal cytoplasmic domains of aquaporin 4 to calmodulin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183837.	1.4	4
102	Death-associated protein kinases and intestinal epithelial homeostasis. <i>Anatomical Record</i> , 2023, 306, 1062-1087.	0.8	4
103	Binding of smoothelin-like 1 to tropomyosin and calmodulin is mutually exclusive and regulated by phosphorylation. <i>BMC Biochemistry</i> , 2017, 18, 5.	4.4	3
104	Molecular Network Analyses Implicate Death-Associated Protein Kinase 3 (DAPK3) as a Key Factor in Colitis-Associated Dysplasia Progression. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 1485-1496.	0.9	3
105	Analyzing biological function with emerging proteomic technologies. <i>International Congress Series</i> , 2004, 1275, 14-21.	0.2	2
106	Recent Applications of Functional Proteomics: Investigations in Smooth Muscle Cell Physiology. , 0, , 255-277.		2
107	Purification of Smooth Muscle Myosin Phosphatase Using a Thiophosphorylated Myosin Light-Chain-Affinity Resin. , 2007, 365, 225-234.		1
108	Guest editorial & introduction to the special issue. <i>Archives of Biochemistry and Biophysics</i> , 2011, 510, 73-75.	1.4	1

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109	A tale of two threonines: myosin phosphatase inhibition and calcium sensitization of smooth muscle. <i>Journal of Physiology</i> , 2015, 593, 487-488.	1.3	1
110	Exaggerated IL-15 and Altered Expression of foxp3+ Cell-Derived Cytokines Contribute to Enhanced Colitis in Nlrp3 <sup>Δ/Δ</sup> Mice. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	1.4	1
111	Analyzing Recombinant Protein Production in <i>Pichia pastoris</i> with Targeted Proteomics. <i>Methods in Molecular Biology</i> , 2019, 1923, 187-209.	0.4	1
112	Tissue-selective alternate promoters guide NLRP6 expression. <i>Life Science Alliance</i> , 2021, 4, e202000897.	1.3	1
113	Mechanisms by which smoothelin-like protein 1 reverses insulin resistance in myotubules and mice. <i>Molecular and Cellular Endocrinology</i> , 2022, 551, 111663.	1.6	1
114	Tools and protocol for quantification of myosin phosphorylation with MRM-MS. <i>MethodsX</i> , 2018, 5, 466-474.	0.7	0
115	Inflammasomes: Intracellular mediators of immune defense. <i>Archives of Biochemistry and Biophysics</i> , 2019, 670, 1-3.	1.4	0
116	Zipper-interacting Protein Kinase: Inferring Function In Smooth Muscle Contractility By Identifying Bona Fide Substrates. <i>FASEB Journal</i> , 2010, 24, 603.10.	0.2	0
117	Two domains of the smoothelin-like 1 protein bind apoA and calcium-calmodulin independently. <i>FASEB Journal</i> , 2013, 27, 1036.2.	0.2	0
118	Smoothelin-like 1 knock-out is associated with altered CPI-17 expression and myogenic tone. <i>FASEB Journal</i> , 2013, 27, 922.1.	0.2	0
119	Using Chemical Genetics to Define Zipper-interacting Protein Kinase Signalling Events. <i>FASEB Journal</i> , 2013, 27, 835.3.	0.2	0
120	Zipper-interacting protein kinase is a key regulator of vascular smooth muscle tone with implications in development of hypertension (676.18). <i>FASEB Journal</i> , 2014, 28, 676.18.	0.2	0
121	Diastolic Dysfunction is Generated in Mice with Knockout of Smoothelin-like 1 Protein. <i>FASEB Journal</i> , 2018, 32, 232.3.	0.2	0