

Brian A Perrino

List of Publications by Year in descending order

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papers

533
citations

567281

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36
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docs citations

36
times ranked

612
citing authors

#	ARTICLE	IF	CITATIONS
1	Ca ²⁺ sensitization pathways accessed by cholinergic neurotransmission in the murine gastric fundus. <i>Journal of Physiology</i> , 2013, 591, 2971-2986.	2.9	52
2	Novel regulation of the A-type K ⁺ current in murine proximal colon by calcium-calmodulin-dependent protein kinase II. <i>Journal of Physiology</i> , 1999, 517, 75-84.	2.9	44
3	Substrate selectivity and sensitivity to inhibition by FK506 and cyclosporin A of calcineurin heterodimers composed of the $\hat{\iota}$ or $\hat{\iota}^2$ catalytic subunit. <i>FEBS Journal</i> , 2002, 269, 3540-3548.	0.2	44
4	Calcium Sensitization Mechanisms in Gastrointestinal Smooth Muscles. <i>Journal of Neurogastroenterology and Motility</i> , 2016, 22, 213-225.	2.4	38
5	Differential regulation of CD103 ($\hat{\iota}$ E integrin) expression in human dendritic cells by retinoic acid and Toll-like receptor ligands. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1169-1180.	3.3	37
6	LINGO1 is a regulatory subunit of large conductance, Ca ²⁺ -activated potassium channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2194-2200.	7.1	34
7	Regulation of ATP-sensitive K ⁺ channels by protein kinase C in murine colonic myocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C857-C864.	4.6	31
8	Impaired contractile responses and altered expression and phosphorylation of Ca ²⁺ sensitization proteins in gastric antrum smooth muscles from ob/ob mice. <i>Journal of Muscle Research and Cell Motility</i> , 2013, 34, 137-149.	2.0	28
9	Premature contractions of the bladder are suppressed by interactions between TRPV4 and SK3 channels in murine detrusor PDGFR $\hat{\iota}$ ⁺ cells. <i>Scientific Reports</i> , 2017, 7, 12245.	3.3	27
10	Excitatory Neuronal Responses of Ca ²⁺ Transients in Interstitial Cells of Cajal in the Small Intestine. <i>ENeuro</i> , 2018, 5, ENEURO.0080-18.2018.	1.9	27
11	Responses to Enteric Motor Neurons in the Gastric Fundus of Mice With Reduced Intramuscular Interstitial Cells of Cajal. <i>Journal of Neurogastroenterology and Motility</i> , 2014, 20, 171-184.	2.4	25
12	Live imaging analysis of human gastric epithelial spheroids reveals spontaneous rupture, rotation and fusion events. <i>Cell and Tissue Research</i> , 2018, 371, 293-307.	2.9	22
13	Contractile Protein Expression and Phosphorylation and Contractility of Gastric Smooth Muscles from Obese Patients and Patients with Obesity and Diabetes. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-14.	2.3	20
14	CaM kinase II and phospholamban contribute to caffeine-induced relaxation of murine gastric fundus smooth muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 288, C1202-C1210.	4.6	18
15	Na ⁺ /Ca ²⁺ Exchange and Pacemaker Activity of Interstitial Cells of Cajal. <i>Frontiers in Physiology</i> , 2020, 11, 230.	2.8	18
16	Regulation of gastrointestinal motility by Ca ²⁺ /calmodulin-stimulated protein kinase II. <i>Archives of Biochemistry and Biophysics</i> , 2011, 510, 174-181.	3.0	14
17	A role for focal adhesion kinase in facilitating the contractile responses of murine gastric fundus smooth muscles. <i>Journal of Physiology</i> , 2018, 596, 2131-2146.	2.9	14
18	Propulsive colonic contractions are mediated by inhibition-driven poststimulus responses that originate in interstitial cells of Cajal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2123020119.	7.1	11

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19	Quantitative in situ proximity ligation assays examining protein interactions and phosphorylation during smooth muscle contractions. <i>Analytical Biochemistry</i> , 2019, 577, 1-13.	2.4	7
20	Mechanosensitive Hydrolysis of ATP and ADP in Lamina Propria of the Murine Bladder by Membrane-Bound and Soluble Nucleotidases. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	7
21	Role of Telokin in Regulating Murine Gastric Fundus Smooth Muscle Tension. <i>PLoS ONE</i> , 2015, 10, e0134876.	2.5	6
22	The functional role of protease-activated receptors on contractile responses by activation of Ca ²⁺ sensitization pathways in simian colonic muscles. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G921-G931.	3.4	3
23	Mfge8 attenuates human gastric antrum smooth muscle contractions. <i>Journal of Muscle Research and Cell Motility</i> , 2021, 42, 219-231.	2.0	2
24	Molecular and functional characterization of detrusor PDGFR [±] positive cells in spinal cord injury-induced detrusor overactivity. <i>Scientific Reports</i> , 2021, 11, 16268.	3.3	2
25	Analyzing the Integrin Adhesome by In Situ Proximity Ligation Assay. <i>Methods in Molecular Biology</i> , 2021, 2217, 71-81.	0.9	1
26	Role of detrusor PDGFR [±] cells in mouse model of cyclophosphamide-induced detrusor overactivity. <i>Scientific Reports</i> , 2022, 12, 5071.	3.3	1
27	Changes in contractile and signaling proteins in gastric antrum smooth muscle from lepob/ob mice. <i>FASEB Journal</i> , 2011, 25, 1115.29.	0.5	0
28	Excitatory nerve stimulation and agonist stimulation induce gastric fundus smooth muscle contraction via stimulus dependent Ca ²⁺ sensitization pathwaysâ€”not via myosin light chain phosphorylation. <i>FASEB Journal</i> , 2012, 26, 1163.5.	0.5	0
29	Decreased expression and phosphorylation of ROK1, ROK2, MLCpS19, MYPT1pT696/pT853, and CPIâ€”17pT38 in gastric antrum smooth muscles of Lep ob/ob mice. <i>FASEB Journal</i> , 2012, 26, 1163.3.	0.5	0
30	Proximity Ligation Assay of Interactions between Î²â€”1 Integrin and Ca ²⁺ Sensitization Proteins During the Contractile Response of Gastric Fundus Smooth Muscles to Cholinergic Stimuli. <i>FASEB Journal</i> , 2015, 29, 1002.4.	0.5	0