Brian A Perrino

List of Publications by Year
in descending order

30	533	567281 15	677142 22
papers	citations	h-index	g-index

36	36	36	612
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of detrusor PDGFRÎ±+ cells in mouse model of cyclophosphamide-induced detrusor overactivity. Scientific Reports, 2022, 12, 5071.	3.3	1
2	Propulsive colonic contractions are mediated by inhibition-driven poststimulus responses that originate in interstitial cells of Cajal. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2123020119.	7.1	11
3	Mfge8 attenuates human gastric antrum smooth muscle contractions. Journal of Muscle Research and Cell Motility, 2021, 42, 219-231.	2.0	2
4	Molecular and functional characterization of detrusor PDGFRÎ± positive cells in spinal cord injury-induced detrusor overactivity. Scientific Reports, 2021, 11, 16268.	3.3	2
5	Analyzing the Integrin Adhesome by In Situ Proximity Ligation Assay. Methods in Molecular Biology, 2021, 2217, 71-81.	0.9	1
6	LINGO1 is a regulatory subunit of large conductance, Ca ²⁺ -activated potassium channels. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2194-2200.	7.1	34
7	Na+/Ca2 + Exchange and Pacemaker Activity of Interstitial Cells of Cajal. Frontiers in Physiology, 2020, 11, 230.	2.8	18
8	Quantitative in situ proximity ligation assays examining protein interactions and phosphorylation during smooth muscle contractions. Analytical Biochemistry, 2019, 577, 1-13.	2.4	7
9	A role for focal adhesion kinase in facilitating the contractile responses of murine gastric fundus smooth muscles. Journal of Physiology, 2018, 596, 2131-2146.	2.9	14
10	Live imaging analysis of human gastric epithelial spheroids reveals spontaneous rupture, rotation and fusion events. Cell and Tissue Research, 2018, 371, 293-307.	2.9	22
11	The functional role of protease-activated receptors on contractile responses by activation of Ca²⁺sensitization pathways in simian colonic muscles. American Journal of Physiology - Renal Physiology, 2018, 315, G921-G931.	3.4	3
12	Contractile Protein Expression and Phosphorylation and Contractility of Gastric Smooth Muscles from Obese Patients and Patients with Obesity and Diabetes. Journal of Diabetes Research, 2018, 2018, 1-14.	2.3	20
13	Excitatory Neuronal Responses of Ca²⁺Transients in Interstitial Cells of Cajal in the Small Intestine. ENeuro, 2018, 5, ENEURO.0080-18.2018.	1.9	27
14	Differential regulation of CD103 (Î±E integrin) expression in human dendritic cells by retinoic acid and Toll-like receptor ligands. Journal of Leukocyte Biology, 2017, 101, 1169-1180.	3.3	37
15	Premature contractions of the bladder are suppressed by interactions between TRPV4 and SK3 channels in murine detrusor PDGFRÎ±+ cells. Scientific Reports, 2017, 7, 12245.	3.3	27
16	Calcium Sensitization Mechanisms in Gastrointestinal Smooth Muscles. Journal of Neurogastroenterology and Motility, 2016, 22, 213-225.	2.4	38
17	Role of Telokin in Regulating Murine Gastric Fundus Smooth Muscle Tension. PLoS ONE, 2015, 10, e0134876.	2.5	6
18	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. FASEB Journal, 2015, 29, 1002.4.	0.5	0

#	Article	IF	Citations
19	Responses to Enteric Motor Neurons in the Gastric Fundus of Mice With Reduced Intramuscular Interstitial Cells of Cajal. Journal of Neurogastroenterology and Motility, 2014, 20, 171-184.	2.4	25
20	Impaired contractile responses and altered expression and phosphorylation of Ca2+ sensitization proteins in gastric antrum smooth muscles from ob/ob mice. Journal of Muscle Research and Cell Motility, 2013, 34, 137-149.	2.0	28
21	Ca²⁺ sensitization pathways accessed by cholinergic neurotransmission in the murine gastric fundus. Journal of Physiology, 2013, 591, 2971-2986.	2.9	52
22	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. FASEB Journal, 2012, 26, 1163.5.	0.5	0
23	Decreased expression and phosphorylation of ROK1, ROK2, MLCpS19, MYPT1pT696/pT853, and CPIâ€17pT38 in gastric antrum smooth muscles of Lep ob/ob mice. FASEB Journal, 2012, 26, 1163.3.	0.5	0
24	Regulation of gastrointestinal motility by Ca2+/calmodulin-stimulated protein kinase II. Archives of Biochemistry and Biophysics, 2011, 510, 174-181.	3.0	14
25	Changes in contractile and signaling proteins in gastric antrum smooth muscle from lepob/ob mice. FASEB Journal, 2011, 25, 1115.29.	0.5	0
26	CaM kinase II and phospholamban contribute to caffeine-induced relaxation of murine gastric fundus smooth muscle. American Journal of Physiology - Cell Physiology, 2005, 288, C1202-C1210.	4.6	18
27	Substrate selectivity and sensitivity to inhibition by FK506 and cyclosporin A of calcineurin heterodimers composed of the Î± or Î² catalytic subunit. FEBS Journal, 2002, 269, 3540-3548.	0.2	44
28	Regulation of ATP-sensitive K⁺channels by protein kinase C in murine colonic myocytes. American Journal of Physiology - Cell Physiology, 2001, 281, C857-C864.	4.6	31
29	Novel regulation of the A-type K+current in murine proximal colon by calcium-calmodulin-dependent protein kinase II. Journal of Physiology, 1999, 517, 75-84.	2.9	44
30	Mechanosensitive Hydrolysis of ATP and ADP in Lamina Propria of the Murine Bladder by Membrane-Bound and Soluble Nucleotidases. Frontiers in Physiology, 0, 13, .	2.8	7