Rodger A Liddle

List of Publications by Year
in descending order

47 papers	2,785 citations	257450 24 h-index	254184 43 g-index
48 all docs	48 docs citations	48 times ranked	2820 citing authors

#	Article	IF	Citations
1	Bioassay of plasma cholecystokinin in rats: Effects of food, trypsin inhibitor, and alcohol. Gastroenterology, 1984, 87, 542-549.	1.3	444
2	Neuroepithelial circuit formed by innervation of sensory enteroendocrine cells. Journal of Clinical Investigation, 2015, 125, 782-786.	8.2	333
3	An Enteroendocrine Cell â€“ Enteric Glia Connection Revealed by 3D Electron Microscopy. PLoS ONE, 2014, 9, e89881.	2.5	179
4	Î±-Synuclein in gut endocrine cells and its implications for Parkinsonâ€™s disease. JCI Insight, 2017, 2, .	5.0	164
5	Amino acids stimulate cholecystokinin release through the Ca²⁺-sensing receptor. American Journal of Physiology - Renal Physiology, 2011, 300, G528-G537.	3.4	158
6	Parkinsonâ€™s disease from the gut. Brain Research, 2018, 1693, 201-206.	2.2	145
7	Piezo1 is a mechanically activated ion channel and mediates pressure induced pancreatitis. Nature Communications, 2018, 9, 1715.	12.8	144
8	TRPV4 channel opening mediates pressure-induced pancreatitis initiated by Piezo1 activation. Journal of Clinical Investigation, 2020, 130, 2527-2541.	8.2	119
9	Piezo1 acts upstream of TRPV4 to induce pathological changes in endothelial cells due to shear stress. Journal of Biological Chemistry, 2021, 296, 100171.	3.4	86
10	Transgenic expression of pancreatic secretory trypsin inhibitor-I ameliorates secretagogue-induced pancreatitis in mice. Gastroenterology, 2005, 128, 717-727.	1.3	80
11	Neurogenic inflammation and pancreatitis. Pancreatology, 2004, 4, 551-560.	1.1	77
12	Mechanism, assessment and management of pain in chronic pancreatitis: Recommendations of a multidisciplinary study group. Pancreatology, 2016, 16, 83-94.	1.1	74
13	Characterization of basal pseudopod-like processes in ileal and colonic PYY cells. Journal of Molecular Histology, 2011, 42, 3-13.	2.2	71
14	ILDR1 null mice, a model of human deafness DFNB42, show structural aberrations of tricellular tight junctions and degeneration of auditory hair cells. Human Molecular Genetics, 2015, 24, 609-624.	2.9	58
15	Small molecule dual-inhibitors of TRPV4 and TRPA1 for attenuation of inflammation and pain. Scientific Reports, 2016, 6, 26894.	3.3	58
16	The role of Transient Receptor Potential Vanilloid 1 (TRPV1) channels in pancreatitis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2007, 1772, 869-878.	3.8	56
17	Inhibition of gastric emptying in response to intestinal lipid is dependent on chylomicron formation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 274, R1834-R1838.	1.8	51
18	Immunoglobulin-like domain containing receptor 1 mediates fat-stimulated cholecystokinin secretion. Journal of Clinical Investigation, 2013, 123, 3343-3352.	8.2	43

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19	Regulation of biliary secretion through apical purinergic receptors in cultured rat cholangiocytes. American Journal of Physiology - Renal Physiology, 1997, 273, G1108-G1117.	3.4	41
20	Neuropods. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 739-747.	4.5	41
21	Pseudopod-like basal cell processes in intestinal cholecystokinin cells. Cell and Tissue Research, 2010, 341, 289-297.	2.9	38
22	Calcineurin mediates pancreatic growth in protease inhibitor-treated mice. American Journal of Physiology - Renal Physiology, 2004, 286, G784-G790.	3.4	35
23	Axonâ€Like Basal Processes in Enteroendocrine Cells: Characteristics and Potential Targets. Clinical and Translational Science, 2011, 4, 387-391.	3.1	32
24	Pharmacologic Disruption of TRPV1-Expressing Primary Sensory Neurons But Not Genetic Deletion of TRPV1 Protects Mice Against Pancreatitis. Pancreas, 2008, 36, 394-401.	1.1	27
25	Piezo1-mediated stellate cell activation causes pressure-induced pancreatic fibrosis in mice. JCI Insight, 2022, 7, .	5.0	26
26	Protection Against Chronic Pancreatitis and Pancreatic Fibrosis in Mice Overexpressing Pancreatic Secretory Trypsin Inhibitor. Pancreas, 2010, 39, e24-e30.	1.1	23
27	Ethanol contributes to neurogenic pancreatitis by activation of TRPV1. FASEB Journal, 2014, 28, 891-896.	0.5	23
28	Heterogeneity in Î±-synuclein fibril activity correlates to disease phenotypes in Lewy body dementia. Acta Neuropathologica, 2021, 141, 547-564.	7.7	23
29	Distribution and Localization of a Novel Cholecystokinin-Releasing Factor in the Rat Gastrointestinal Tract*. Endocrinology, 1997, 138, 5550-5554.	2.8	19
30	The Role of Phosphate in Alcohol-Induced Experimental Pancreatitis. Gastroenterology, 2021, 161, 982-995.e2.	1.3	17
31	The Challenging Task of Treating Painful Chronic Pancreatitis. Gastroenterology, 2012, 143, 533-535.	1.3	16
32	Interactions of Gut Endocrine Cells withÂEpitheliumÂand Neurons. , 2018, 8, 1019-1030.		13
33	Acinar Cell Production of Leukotriene B4 Contributes to Development of Neurogenic Pancreatitis in Mice. Cellular and Molecular Gastroenterology and Hepatology, 2015, 1, 75-86.	4.5	12
34	Pancreatic secretory trypsin inhibitor I reduces the severity of chronic pancreatitis in mice overexpressing interleukin-1Î² in the pancreas. American Journal of Physiology - Renal Physiology, 2012, 302, G535-G541.	3.4	11
35	Distribution and Localization of a Novel Cholecystokinin-Releasing Factor in the Rat Gastrointestinal Tract. Endocrinology, 1997, 138, 5550-5554.	2.8	11
36	On the Measurement of Cholecystokinin. Clinical Chemistry, 1998, 44, 903-904.	3.2	8

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37	Endogenous elevation of plasma cholecystokinin does not prevent gallstones. European Journal of Clinical Investigation, 2015, 45, 237-246.	3.4	8
38	Susceptibility to pancreatitis related to PSTI/SPINK1 expression. Gastroenterology Clinics of North America, 2004, 33, 807-816.	2.2	5
39	Correlative Confocal and 3D Electron Microscopy of a Specific Sensory Cell. Journal of Visualized Experiments, 2015, , e52918.	0.3	5
40	Lack of Trophic Pancreatic Effects in Humans With Long-term Administration of Ximelagatran. Pancreas, 2006, 32, 205-210.	1.1	4
41	Chemical pancreatectomy: an unconventional approach to preventing autodigestion in pancreatitis. Journal of Clinical Investigation, 2021, 131, .	8.2	2
42	Initiation and severity of experimental pancreatitis are modified by phosphate. American Journal of Physiology - Renal Physiology, 2022, 322, G561-G570.	3.4	2
43	Location, Location, Location . . . It Is Important in Pancreatitis, Too. Cellular and Molecular Gastroenterology and Hepatology, 2017, 3, 6-7.	4.5	1
44	Calcium in Pancreatitis â€¦ Immune Cells, Too?. Function, 2020, 2, zqaa030.	2.3	1
45	Ildr1 gene deletion protects against diet-induced obesity and hyperglycemia. PLoS ONE, 2022, 17, e0270329.	2.5	1
46	The enteroendocrine PYY cell interacts with neurites of the enteric nervous system through axonâ€like basal process. FASEB Journal, 2011, 25, 1070.1.	0.5	0
47	Pressureâ€sensing Piezo1: the eyes have it. Journal of Physiology, 2021, 599, 365-366.	2.9	0