Sumei Liu

List of Publications by Year
in descending order

74 papers	1,503 citations	293460 24 h-index	355658 38 g-index
76 all docs	76 docs citations	76 times ranked	1522 citing authors

#	Article	IF	Citations
1	Effects of stressâ€related peptides on chloride secretion in the mouse proximal colon. Neurogastroenterology and Motility, 2021, 33, e14021.	1.6	6
2	Dopamine and Gastrointestinal Motility. , 2021, , 133-202.		3
3	Dopamine in the Pancreas. , 2021, , 203-232.		0
4	Synthesis and Metabolism of Gut Dopamine. , 2021, , 25-51.		0
5	Role of CRF 2 Receptors in Colonic Ion Secretion in Response to Stressâ€related Peptides. FASEB Journal, 2021, 35, .	0.2	0
6	Dopamine Receptors in the Gastrointestinal Tract. , 2021, , 53-85.		1
7	Dopamine and Gastrointestinal Mucosa Function. , 2021, , 87-131.		0
8	Effects of the stressâ€related peptides urocortins on colonic epithelial barrier function. FASEB Journal, 2020, 34, 1-1.	0.2	0
9	Na-K-2Cl symporter contributes to Î³-aminobutyric acid-evoked excitation in rat enteric neurons. Acta Physiologica Sinica, 2020, 72, 263-273.	0.5	0
10	Comparison of Colonic Baseline Ion Secretion and Responses to Stressâ€related Peptides between Male and Female Mice. FASEB Journal, 2019, 33, 585.2.	0.2	0
11	Neurotrophic factors in enteric physiology and pathophysiology. Neurogastroenterology and Motility, 2018, 30, e13446.	1.6	39
12	Effects of Urocortins on Intestinal Ion Secretion in the Mouse Colon. FASEB Journal, 2018, 32, 756.1.	0.2	0
13	Earlyâ€life adversity, epigenetics, and visceral hypersensitivity. Neurogastroenterology and Motility, 2017, 29, e13170.	1.6	34
14	Endogenous <scp>CRF</scp> in rat large intestine mediates motor and secretory responses to stress. Neurogastroenterology and Motility, 2016, 28, 281-291.	1.6	25
15	Î²-Nicotinamide adenine dinucleotide acts at prejunctional adenosine A₁ receptors to suppress inhibitory musculomotor neurotransmission in guinea pig colon and human jejunum. American Journal of Physiology - Renal Physiology, 2015, 308, G955-G963.	1.6	11
16	Innervation of enteric mast cells by primary spinal afferents in guinea pig and human small intestine. American Journal of Physiology - Renal Physiology, 2014, 307, G719-G731.	1.6	44
17	Effects of hibernation on gut motility in thirteenâ€lined ground squirrels (1110.4). FASEB Journal, 2014, 28, 1110.4.	0.2	0
18	Neurogenic mucosal bicarbonate secretion in guinea pig duodenum. British Journal of Pharmacology, 2013, 168, 880-890.	2.7	12

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19	Mast cell expression of the serotonin_{1A} receptor in guinea pig and human intestine. American Journal of Physiology - Renal Physiology, 2013, 304, G855-G863.	1.6	27
20	Role of Naâ€Kâ€2Cl symporter in GABAâ€evoked excitation in rat enteric neurons. FASEB Journal, 2013, 27, 1160.5.	0.2	3
21	Enteric Neurobiology of Stress. , 2012, , 2001-2018.		1
22	Neurobiology of Corticotropin-Releasing Factor in the Enteric Nervous System during Stress. Frontiers of Gastrointestinal Research, 2012, , 115-123.	0.1	2
23	Anti-Enteric Neuronal Antibodies and the Irritable Bowel Syndrome. Journal of Neurogastroenterology and Motility, 2012, 18, 78-85.	0.8	39
24	Cellular distribution of NKCC2 in the gastric mucosa and its response to short-term osmotic shock. Cell and Tissue Research, 2012, 348, 155-165.	1.5	14
25	Emodin induces chloride secretion in rat distal colon through activation of mast cells and enteric neurons. British Journal of Pharmacology, 2012, 165, 197-207.	2.7	23
26	Lubiprostone Reverses the Inhibitory Action of Morphine on Mucosal Secretion in Human Small Intestine. Digestive Diseases and Sciences, 2011, 56, 330-338.	1.1	29
27	Differential actions of urocortins on neurons of the myenteric division of the enteric nervous system in guinea pig distal colon. British Journal of Pharmacology, 2010, 159, 222-236.	2.7	32
28	Activation of submucosal 5â€HT₃ receptors elicits a somatostatinâ€dependent inhibition of ion secretion in rat colon. British Journal of Pharmacology, 2010, 159, 1623-1625.	2.7	12
29	Expression and activation of Î²-adrenoceptors in the colorectal mucosa of rat and human. Neurogastroenterology and Motility, 2010, 22, e325-e334.	1.6	20
30	Lubiprostone Reverses the Inhibitory Action of Morphine on Intestinal Secretion in Guinea Pig and Mouse. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 333-340.	1.3	41
31	Cortistatin Inhibits Intestinal Secretion in the Guineaâ€pig Ileum In Vitro. FASEB Journal, 2010, 24, lb651.	0.2	0
32	Glucagon-like peptide-2 modulates neurally evoked mucosal chloride secretion in guinea pig small intestine in vitro. American Journal of Physiology - Renal Physiology, 2009, 297, G800-G805.	1.6	41
33	Stimulation of mucosal secretion by lubiprostone (SPI-0211) in guinea pig small intestine and colon. American Journal of Physiology - Renal Physiology, 2009, 296, G823-G832.	1.6	30
34	Expression of NKCC2 in the rat gastrointestinal tract. Neurogastroenterology and Motility, 2009, 21, 1068.	1.6	30
35	107 Stimulation of Spinal Afferents Evokes Slowly-Activating Excitatory Responses in Enteric Neurons in Parallel with Release of Mast Cell Proteases in Guinea Pig Ileum and Colon. Gastroenterology, 2009, 136, A-19.	0.6	2
36	257 Activation of the Glucagon-Like Peptide-2 Receptor Inhibits Neurally-Evoked Mucosal Chloride Secretion in the Guinea Pig Ileum In Vitro. Gastroenterology, 2009, 136, A-50.	0.6	0

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37	T1667 Canonical Transient Receptor Potential Channels (TRPC Channels) in Regulation of Mucosal Chloride Secretion in Guinea Pig Ileum. Gastroenterology, 2009, 136, A-554.	0.6	0
38	S1620 Trafficking of Corticotropin-Releasing Factor Receptors in Epithelial Cells in Response to Urocortin 1. Gastroenterology, 2009, 136, A-236.	0.6	0
39	T1668 Mast Cell Proteases Stimulate Neurogenic and Non-Neurogenic Mucosal Chloride Secretion in Guinea Pig Distal Ileum. Gastroenterology, 2009, 136, A-554.	0.6	0
40	Differential expression of canonical (classical) transient receptor potential channels in guinea pig enteric nervous system. Journal of Comparative Neurology, 2008, 511, 847-862.	0.9	22
41	372 Silencing of Gene Expression for Corticotropin-Releasing Factor (CRF) in the Colon Attenuates Stress-Induced Acceleration of Colonic Transit in Rats. Gastroenterology, 2008, 134, A-49.	0.6	0
42	844 Lubiprostone Reverses the Inhibitory Action of Morphine On Mucosal Secretion in the Human Jejunum. Gastroenterology, 2008, 134, A-122.	0.6	1
43	W1374 Excitation of Neurons in the Enteric Nervous System (ENS), Degranulation of Enteric Mast Cells and Direct Action On Enterocytes Underlie Stimulatory Action of Bradykinin (Bk) On Mucosal Secretion in Guinea-Pig Small Intestine. Gastroenterology, 2008, 134, A-691.	0.6	0
44	M1237 Dopamine D1 and D2 Receptor Subtypes Are Involved in Enteric Neural Control of Chloride and Bicarbonate Secretion in Guinea Pig Duodenum. Gastroenterology, 2008, 134, A-367.	0.6	0
45	W1355 Enteric Neurophysiological Mechanisms of Action for Bradykinin-Evoked Mucosal Chloride Secretion in Guinea Pig Small Intestine. Gastroenterology, 2008, 134, A-687.	0.6	1
46	Melanin-concentrating hormone as a mediator of intestinal inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10613-10618.	3.3	59
47	Deficiency of smooth muscle myosin heavy chain isoform 2 increases muscle contractility and causes premature postnatal death in mice. FASEB Journal, 2008, 22, 145-145.	0.2	0
48	Inhibitory neuromuscular transmission mediated by the P2Y1 purinergic receptor in guinea pig small intestine. American Journal of Physiology - Renal Physiology, 2007, 292, G1483-G1489.	1.6	55
49	Stimulation of adenosine A1 and A2A receptors by AMP in the submucosal plexus of guinea pig small intestine. American Journal of Physiology - Renal Physiology, 2007, 292, G492-G500.	1.6	25
50	Neurogastroenterology of tegaserod (HTF 919) in the submucosal division of the guinea-pig and human enteric nervous system. Neurogastroenterology and Motility, 2007, 20, 070831061428001-???.	1.6	17
51	Neurogenic secretion mediated by the purinergic P2Y1 receptor in guinea-pig small intestine. European Journal of Pharmacology, 2006, 536, 113-122.	1.7	36
52	Distribution and chemical coding of corticotropin-releasing factor-immunoreactive neurons in the guinea pig enteric nervous system. Journal of Comparative Neurology, 2006, 494, 63-74.	0.9	49
53	Platelet-activating factor in the enteric nervous system of the guinea pig small intestine. American Journal of Physiology - Renal Physiology, 2006, 291, G928-G937.	1.6	4
54	Expression of type 1 corticotropin-releasing factor receptor in the guinea pig enteric nervous system. Journal of Comparative Neurology, 2005, 481, 284-298.	0.9	65

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55	Angiotensin receptors and actions in guinea pig enteric nervous system. American Journal of Physiology - Renal Physiology, 2005, 289, G614-G626.	1.6	24
56	Action of Bradykinin in the Submucosal Plexus of Guinea Pig Small Intestine. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 320-327.	1.3	21
57	Metabotropic Signal Transduction for Bradykinin in Submucosal Neurons of Guinea Pig Small Intestine. Journal of Pharmacology and Experimental Therapeutics, 2004, 309, 310-319.	1.3	21
58	Actions of cysteinyl leukotrienes in the enteric nervous system of guinea-pig stomach and small intestine. European Journal of Pharmacology, 2003, 459, 27-39.	1.7	28
59	Actions of galanin on neurotransmission in the submucous plexus of guinea pig small intestine. European Journal of Pharmacology, 2003, 471, 49-58.	1.7	11
60	Actions of bradykinin on electrical and synaptic behavior of neurones in the myenteric plexus of guinea-pig small intestine. British Journal of Pharmacology, 2003, 138, 1221-1232.	2.7	23
61	Expression of receptors for corticotropin releasing factor in guinea pig enteric nervous system. Gastroenterology, 2003, 124, A23.	0.6	1
62	Neuroimmune interactions in guinea pig stomach and small intestine. American Journal of Physiology - Renal Physiology, 2003, 284, G154-G164.	1.6	69
63	Serine proteases excite myenteric neurons through protease-activated receptors in guinea pig small intestine. Gastroenterology, 2002, 123, 1554-1564.	0.6	109
64	Chemical coding and electrophysiology of enteric neurons expressing neurofilament 145 in guinea pig gastrointestinal tract. Journal of Comparative Neurology, 2002, 442, 189-203.	0.9	17
65	Chemical coding and electrophysiology of enteric neurons expressing neurofilament 145 in guinea pig gastrointestinal tract. Journal of Comparative Neurology, 2002, 442, 189-203.	0.9	6
66	Effects of stimulating protease-activated receptors on myenteric newrons in guinea-pig small intestine. Gastroenterology, 2001, 120, A114.	0.6	1
67	Characterization of leukotriene actions on enteric neurons in the guinea-pig small intestine in vitro. Gastroenterology, 2001, 120, A535.	0.6	0
68	Pre- and postsynaptic inhibition by nociceptin in guinea pig small intestinal myenteric plexus in vitro. American Journal of Physiology - Renal Physiology, 2001, 281, G237-G246.	1.6	15
69	P2X7 receptors in the enteric nervous system of guinea-pig small intestine. Journal of Comparative Neurology, 2001, 440, 299-310.	0.9	90
70	Histamine H3 receptor-mediated suppression of inhibitory synaptic transmission in the submucous plexus of guinea-pig small intestine. European Journal of Pharmacology, 2000, 397, 49-54.	1.7	48
71	Nociceptin hyperpolarizes neurons and suppresses synaptic transmission in the myenteric plexus of guinea-pig duodenum. Gastroenterology, 2000, 118, A431.	0.6	2
72	Functional group I metabotropic glutamate receptors in submucous plexus of guinea-pig ileum. British Journal of Pharmacology, 1999, 128, 1631-1635.	2.7	25

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73	Glutamate modulates neurotransmission in the submucosal plexus of guinea-pig small intestine. NeuroReport, 1999, 10, 3045-3048.	0.6	17
74	IL-1Î² and IL-6 excite neurons and suppress nicotinic and noradrenergic neurotransmission in guinea pig enteric nervous system. Journal of Clinical Investigation, 1999, 103, 1309-1316.	3.9	116