Catia Sternini

List of Publications by Year
in descending order

59 papers	2,845 citations	159585 30 h-index	168389 53 g-index
60 all docs	60 docs citations	60 times ranked	2594 citing authors

#	Article	IF	Citations
1	Enteroendocrine cells: a site of â€˜tasteâ€™ in gastrointestinal chemosensing. Current Opinion in Endocrinology, Diabetes and Obesity, 2008, 15, 73-78.	2.3	310
2	Colocalization of the Î±-subunit of gustducin with PYY and GLP-1 in L cells of human colon. American Journal of Physiology - Renal Physiology, 2006, 291, G792-G802.	3.4	233
3	Taste receptor signaling in the mammalian gut. Current Opinion in Pharmacology, 2007, 7, 557-562.	3.5	176
4	Cellular sites of expression of the neurokinin-1 receptor in the rat gastrointestinal tract. Journal of Comparative Neurology, 1995, 358, 531-540.	1.6	150
5	Expression of 5-HT3 receptors in the rat gastrointestinal tract. Gastroenterology, 2002, 123, 217-226.	1.3	144
6	Expression of 5-HT₃ receptors by extrinsic duodenal afferents contribute to intestinal inhibition of gastric emptying. American Journal of Physiology - Renal Physiology, 2003, 284, G367-G372.	3.4	138
7	Taste Receptors in the Gastrointestinal Tract. IV. Functional implications of bitter taste receptors in gastrointestinal chemosensing. American Journal of Physiology - Renal Physiology, 2007, 292, G457-G461.	3.4	103
8	Somatostatin 2A receptor is expressed by enteric neurons, and by interstitial cells of Cajal and enterochromaffin-like cells of the gastrointestinal tract. Journal of Comparative Neurology, 1997, 386, 396-408.	1.6	93
9	Enteric and Visceral Afferent CGRP Neurons.. Annals of the New York Academy of Sciences, 1992, 657, 170-186.	3.8	88
10	Expression of cholecystokinin a receptors in neurons innervating the rat stomach and intestine. Gastroenterology, 1999, 117, 1136-1146.	1.3	80
11	Calcitonin Gene-Related Peptide-Containing Neurons Supplying the Rat Digestive System: Differential Distribution and Expression Pattern. Somatosensory & Motor Research, 1992, 9, 45-59.	0.9	78
12	Insights into the Role of Opioid Receptors in the GI Tract: Experimental Evidence and Therapeutic Relevance. Handbook of Experimental Pharmacology, 2016, 239, 363-378.	1.8	74
13	Role of CCK₁ and Y₂ receptors in activation of hindbrain neurons induced by intragastric administration of bitter taste receptor ligands. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R33-R38.	1.8	73
14	5-HT7 Receptors Modulate Peristalsis and Accommodation in the Guinea Pig Ileum. Gastroenterology, 2005, 129, 1557-1566.	1.3	66
15	Diet-Induced Regulation of Bitter Taste Receptor Subtypes in the Mouse Gastrointestinal Tract. PLoS ONE, 2014, 9, e107732.	2.5	53
16	Calcitonin Gene?Related Peptide in Inflammatory Bowel Disease and Experimentally Induced Colitis. Annals of the New York Academy of Sciences, 1992, 657, 319-327.	3.8	52
17	Expression of the Bitter Taste Receptor, T2R38, in Enteroendocrine Cells of the Colonic Mucosa of Overweight/Obese vs. Lean Subjects. PLoS ONE, 2016, 11, e0147468.	2.5	52
18	Distribution of galanin receptor 1 immunoreactivity in the rat stomach and small intestine. Journal of Comparative Neurology, 2002, 450, 292-302.	1.6	51

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19	Protective Effect of Proteinase-Activated Receptor 2 Activation on Motility Impairment and Tissue Damage Induced by Intestinal Ischemia/Reperfusion in Rodents. American Journal of Pathology, 2006, 169, 177-188.	3.8	48
20	Expression and cellular localization of substance P/neurokinin A and neurokinin B mRNAs in the rat retina. Visual Neuroscience, 1989, 3, 527-535.	1.0	46
21	Central Fos expression and conditioned flavor avoidance in rats following intragastric administration of bitter taste receptor ligands. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R528-R536.	1.8	45
22	Galanin receptors in the rat gastrointestinal tract. Neuropeptides, 2005, 39, 349-352.	2.2	44
23	III. Î¼-Opioid receptors in the enteric nervous system. American Journal of Physiology - Renal Physiology, 2001, 281, G8-G15.	3.4	42
24	Peptide immunoreactivities in the ganglionated plexuses and nerve fibers innervating the human gallbladder. Journal of the Autonomic Nervous System, 1995, 51, 37-47.	1.9	37
25	Morphine Induces Î¼ Opioid Receptor Endocytosis in Guinea Pig Enteric Neurons Following Prolonged Receptor Activation. Gastroenterology, 2011, 140, 618-626.	1.3	37
26	Neurochemically distinct classes of myenteric neurons express the ?-opioid receptor in the guinea pig ileum. Journal of Comparative Neurology, 2003, 458, 404-411.	1.6	34
27	Release of Transgenic Human Insulin from Gastric G Cells: A Novel Approach for the Amelioration of Diabetes. Endocrinology, 2005, 146, 2610-2619.	2.8	34
28	Prucalopride exerts neuroprotection in human enteric neurons. American Journal of Physiology - Renal Physiology, 2016, 310, G768-G775.	3.4	34
29	Neuropeptide Y immunoreactivity in the mammalian liver: pattern of innervation and coexistence with tyrosine hydroxylase immunoreactivity. Cell and Tissue Research, 1991, 265, 287-295.	2.9	31
30	Vesicular monoamine transporter 2 expression in enteric neurons and enterochromaffin-like cells of the rat. Neuroscience Letters, 1996, 217, 77-80.	2.1	30
31	Amino acid sensing by enteroendocrine STC-1 cells: role of the Na+-coupled neutral amino acid transporter 2. American Journal of Physiology - Cell Physiology, 2010, 298, C1401-C1413.	4.6	30
32	N-Methyl-d-Aspartate Receptors Mediate Endogenous Opioid Release in Enteric Neurons After Abdominal Surgery. Gastroenterology, 2005, 128, 2009-2019.	1.3	28
33	Neurokinin 1 receptor expression in the rat retina. Journal of Comparative Neurology, 1997, 389, 496-507.	1.6	27
34	Protective role of Î¼ opioid receptor activation in intestinal inflammation induced by mesenteric ischemia/reperfusion in mice. Journal of Neuroscience Research, 2012, 90, 2146-2153.	2.9	26
35	Âµâ€opioid receptor, Î²â€endorphin, and cannabinoid receptorâ€2 are increased in the colonic mucosa of irritable bowel syndrome patients. Neurogastroenterology and Motility, 2019, 31, e13688.	3.0	25
36	Opioid-Induced Mitogen-Activated Protein Kinase Signaling in Rat Enteric Neurons following Chronic Morphine Treatment. PLoS ONE, 2014, 9, e110230.	2.5	25

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37	Expression of galanin receptor messenger RNAs in different regions of the rat gastrointestinal tract. Peptides, 2005, 26, 815-819.	2.4	22
38	Neurotrophin-3 and neurotrophin receptor immunoreactivity in peptidergic enteric neurons. Peptides, 2000, 21, 1421-1426.	2.4	20
39	Expression and regulation of Î±â€transducin in the pig gastrointestinal tract. Journal of Cellular and Molecular Medicine, 2013, 17, 466-474.	3.6	19
40	NIH Workshop Report: sensory nutrition and disease. American Journal of Clinical Nutrition, 2021, 113, 232-245.	4.7	19
41	Galanin inhibition of voltageâ€dependent Ca²⁺ influx in rat cultured myenteric neurons is mediated by galanin receptor 1. Journal of Neuroscience Research, 2009, 87, 1107-1114.	2.9	15
42	Enteric neuron density correlates with clinical features of severe gut dysmotility. American Journal of Physiology - Renal Physiology, 2019, 317, G793-G801.	3.4	15
43	Enteroendocrine profile of Î±-transducin immunoreactive cells in the gastrointestinal tract of the European sea bass (Dicentrarchus labrax). Fish Physiology and Biochemistry, 2013, 39, 1555-1565.	2.3	13
44	Ligandâ€induced Î¼ opioid receptor internalization in enteric neurons following chronic treatment with the opiate fentanyl. Journal of Neuroscience Research, 2013, 91, 854-860.	2.9	11
45	Quantitative analysis of enteric neurons containing choline acetyltransferase and nitric oxide synthase immunoreactivities in the submucosal and myenteric plexuses of the porcine colon. Cell and Tissue Research, 2021, 383, 645-654.	2.9	11
46	Expression of the human insulin gene in the gastric G cells of transgenic mice. Transgenic Research, 2001, 10, 329-341.	2.4	10
47	Regulation of Î±-Transducin and Î±-Gustducin Expression by a High Protein Diet in the Pig Gastrointestinal Tract. PLoS ONE, 2016, 11, e0148954.	2.5	9
48	Evidence of enteric angiopathy and neuromuscular hypoxia in patients with mitochondrial neurogastrointestinal encephalomyopathy. American Journal of Physiology - Renal Physiology, 2021, 320, G768-G779.	3.4	9
49	Somatostatin 2A receptor is expressed by enteric neurons, and by interstitial cells of Cajal and enterochromaffinâ€like cells of the gastrointestinal tract. Journal of Comparative Neurology, 1997, 386, 396-408.	1.6	8
50	Gut epithelial and vascular barrier abnormalities in patients with chronic intestinal pseudoâ€obstruction. Neurogastroenterology and Motility, 2019, 31, e13652.	3.0	6
51	Effects of methylnaltrexone on guinea pig gastrointestinal motility. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 279-286.	3.0	5
52	In Search of a Role for Carbonation: Is This a Good or Bad Taste?. Gastroenterology, 2013, 145, 500-503.	1.3	5
53	Novel understanding on genetic mechanisms of enteric neuropathies leading to severe gut dysmotility. European Journal of Histochemistry, 2021, 65, .	1.5	5
54	Preparation of a Monoclonal Antibody to Rat ?-CGRP for in Vivo Immunoneutralization of Peptides. Annals of the New York Academy of Sciences, 1992, 657, 525-527.	3.8	3

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55	Pharmacological characterization of naloxegol: In vitro and in vivo studies. European Journal of Pharmacology, 2021, 903, 174132.	3.5	2
56	Galanin in the Gastrointestinal Tract: Distribution and Function. , 2006, , 1037-1042.		0
57	Gastrointestinal (GI) infusion of bitter tastants supports conditioned flavor avoidance (CFA) and activates central neural Fos expression. FASEB Journal, 2008, 22, 1185.5.	0.5	0
58	â€œSPARCâ€•Neurochemical Profile of Enteric Neurons in the Inner and Outer Submucosal Plexus of The Ascending and Descending Colon of Adult Pigs. FASEB Journal, 2020, 34, 1-1.	0.5	0
59	Neurochemical Profile of Enteric Neurons in the Submucosal Plexuses of Pig vs. Human Colon. FASEB Journal, 2022, 36, .	0.5	0