Rosa SErio

List of Publications by Year
in descending order

78 papers	1,654 citations	304368 22 h-index	360668 35 g-index
78 all docs	78 docs citations	78 times ranked	1722 citing authors

#	Article	IF	Citations
1	Ageâ€related differences of Î³â€aminobutyric acid (GABA)ergic transmission in human colonic smooth muscle. Neurogastroenterology and Motility, 2021, , e14248.	1.6	5
2	PD123319, angiotensin II type II receptor antagonist, inhibits oxidative stress and inflammation in 2, 4-dinitrobenzene sulfonic acid-induced colitis in rat and ameliorates colonic contractility. Inflammopharmacology, 2020, 28, 187-199.	1.9	14
3	AphaMaxÂ®, an Aphanizomenon Flos-Aquae Aqueous Extract, Exerts Intestinal Protective Effects in Experimental Colitis in Rats. Nutrients, 2020, 12, 3635.	1.7	3
4	Opposite effects of dopamine on the mechanical activity of circular and longitudinal muscle of human colon. Neurogastroenterology and Motility, 2020, 32, e13811.	1.6	9
5	Preventive effects of guanosine on intestinal inflammation in 2, 4-dinitrobenzene sulfonic acid (DNBS)-induced colitis in rats. Inflammopharmacology, 2019, 27, 349-359.	1.9	16
6	Altered gastrointestinal motility in an animal model of Lesch-Nyhan disease. Autonomic Neuroscience: Basic and Clinical, 2018, 210, 55-64.	1.4	6
7	Therapeutic Potential of the Gabaergic System in Ulcerative Colitis: Current Status and Perspectives. Digestive Diseases and Sciences, 2017, 62, 2780-2780.	1.1	2
8	Dopamine induces inhibitory effects on the circular muscle contractility of mouse distal colon via D1- and D2-like receptors. Journal of Physiology and Biochemistry, 2016, 73, 395-404.	1.3	27
9	Postnatal development of the dopaminergic signaling involved in the modulation of intestinal motility in mice. Pediatric Research, 2016, 80, 440-447.	1.1	16
10	Activation of angiotensin <scp>II</scp> type 1 receptors and contractile activity in human sigmoid colon <i>inÂvitro</i>. Acta Physiologica, 2015, 215, 37-45.	1.8	14
11	GABA and GABA receptors in the gastrointestinal tract: from motility to inflammation. Pharmacological Research, 2015, 93, 11-21.	3.1	171
12	The GABAergic System and the Gastrointestinal Physiopathology. Current Pharmaceutical Design, 2015, 21, 4996-5016.	0.9	21
13	Galactosylated polymeric carriers for liver targeting of sorafenib. International Journal of Pharmaceutics, 2014, 466, 172-180.	2.6	72
14	Involvement of cholinergic nicotinic receptors in the menthol-induced gastric relaxation. European Journal of Pharmacology, 2014, 745, 129-134.	1.7	18
15	Exogenous glucagon-like peptide 1 reduces contractions in human colon circular muscle. Journal of Endocrinology, 2014, 221, 29-37.	1.2	37
16	Opposite role played by GABAA and GABAB receptors in the modulation of peristaltic activity in mouse distal colon. European Journal of Pharmacology, 2014, 731, 93-99.	1.7	16
17	Guanosine negatively modulates the gastric motor function in mouse. Purinergic Signalling, 2013, 9, 655-661.	1.1	7
18	Arginine vasopressin, via activation of post-junctional V1 receptors, induces contractile effects in mouse distal colon. Regulatory Peptides, 2013, 187, 29-34.	1.9	6

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19	Tetrodotoxin-dependent effects of menthol on mouse gastric motor function. European Journal of Pharmacology, 2013, 718, 131-137.	1.7	7
20	Angiotensin <scp>II</scp> contractile effects in mouse colon: role for preâ€•and postâ€junctional <scp>AT</scp>_{1A} receptors. Acta Physiologica, 2013, 207, 337-345.	1.8	17
21	Food intake in lean and obese mice after peripheral administration of glucagon-like peptide 2. Journal of Endocrinology, 2012, 213, 277-284.	1.2	32
22	Pharmacological characterization of uracil nucleotide-preferring P2Y receptors modulating intestinal motility: a study on mouse ileum. Purinergic Signalling, 2012, 8, 275-285.	1.1	12
23	Adenosine negatively regulates duodenal motility in mice: role of A₁ and A_{2A} receptors. British Journal of Pharmacology, 2011, 164, 1580-1589.	2.7	13
24	Can guanine-based purines be considered modulators of intestinal motility in rodents?. European Journal of Pharmacology, 2011, 650, 350-355.	1.7	8
25	Inhibitory effects of indicaxanthin on mouse ileal contractility: Analysis of the mechanism of action. European Journal of Pharmacology, 2011, 658, 200-205.	1.7	10
26	Gastric emptying, small intestinal transit and fecal output in dystrophic (mdx) mice. Journal of Physiological Sciences, 2010, 60, 75-79.	0.9	36
27	Peripheral motor action of glucagon-like peptide-1 through enteric neuronal receptors. Neurogastroenterology and Motility, 2010, 22, 664-e203.	1.6	96
28	Inhibition of the Mechanical Activity of Mouse Ileum by Cactus Pear (<i>Opuntia Ficus Indica</i>, L,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 58, 7565-7571.	2.4	27
29	D1 receptors play a major role in the dopamine modulation of mouse ileum contractility. Pharmacological Research, 2010, 61, 371-378.	3.1	36
30	Functional evidence for different roles of GABAA and GABAB receptors in modulating mouse gastric tone. Neuropharmacology, 2010, 58, 1033-1037.	2.0	14
31	Interaction between cannabinoid CB₁ receptors and endogenous ATP in the control of spontaneous mechanical activity in mouse ileum. British Journal of Pharmacology, 2009, 158, 243-251.	2.7	22
32	A1 receptors mediate adenosine inhibitory effects in mouse ileum via activation of potassium channels. Life Sciences, 2009, 84, 772-778.	2.0	16
33	Gastric relaxation induced by apigenin and quercetin: Analysis of the mechanism of action. Life Sciences, 2009, 85, 85-90.	2.0	21
34	Glucagon-like peptide-2 relaxes mouse stomach through vasoactive intestinal peptide release. American Journal of Physiology - Renal Physiology, 2009, 296, G678-G684.	1.6	46
35	Cannabinoid CB1 receptor activation modulates spontaneous contractile activity in mouse ileal longitudinal muscle. European Journal of Pharmacology, 2008, 582, 132-138.	1.7	23
36	Activation of P2Y receptors by ATP and by its analogue, ADPÎ²S, triggers two calcium signal pathways in the longitudinal muscle of mouse distal colon. European Journal of Pharmacology, 2008, 595, 84-89.	1.7	12

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37	Relaxation induced by N-terminal fragments of chromogranin A in mouse gastric preparations. Regulatory Peptides, 2007, 139, 90-95.	1.9	2
38	Functional evidence for GABA as modulator of the contractility of the longitudinal muscle in mouse duodenum: Role of GABAA and GABAC receptors. Neuropharmacology, 2007, 52, 1685-1690.	2.0	25
39	Inhibitory purinergic transmission in mouse caecum: Role for P2Y1 receptors as prejunctional modulators of ATP release. Neuroscience, 2007, 150, 658-664.	1.1	24
40	Evidence for a modulatory role of cannabinoids on the excitatory NANC neurotransmission in mouse colon. Pharmacological Research, 2007, 56, 132-139.	3.1	20
41	Involvement of CB1 and CB2 receptors in the modulation of cholinergic neurotransmission in mouse gastric preparations. Pharmacological Research, 2007, 56, 185-192.	3.1	44
42	Role for NK1 and NK2 receptors in the motor activity in mouse colon. European Journal of Pharmacology, 2007, 570, 196-202.	1.7	14
43	Role of NK1 and NK2 receptors in mouse gastric mechanical activity. British Journal of Pharmacology, 2006, 147, 430-436.	2.7	10
44	Evidence for a role of inducible nitric oxide synthase in gastric relaxation of mdx mice. Neurogastroenterology and Motility, 2006, 18, 446-454.	1.6	5
45	Altered tachykinergic influence on gastric mechanical activity in mdx mice. Neurogastroenterology and Motility, 2006, 18, 844-852.	1.6	9
46	Inhibitory responses to exogenous adenosine in murine proximal and distal colon. British Journal of Pharmacology, 2006, 148, 956-963.	2.7	26
47	Mechanisms underlying hyperpolarization evoked by P2Y receptor activation in mouse distal colon. European Journal of Pharmacology, 2006, 544, 174-180.	1.7	14
48	Tachykinergic neurotransmission is enhanced in duodenum from dystrophic (mdx) mice. British Journal of Pharmacology, 2005, 145, 334-341.	2.7	9
49	Evidence for the presence of P2y and P2x receptors with different functions in mouse stomach. European Journal of Pharmacology, 2005, 513, 135-140.	1.7	20
50	Mechanisms underlying the inhibitory effects induced by pituitary adenylate cyclase-activating peptide in mouse ileum. European Journal of Pharmacology, 2005, 521, 133-138.	1.7	10
51	Mechanisms underlying the nitric oxide inhibitory effects in mouse ileal longitudinal muscle. Canadian Journal of Physiology and Pharmacology, 2005, 83, 805-810.	0.7	18
52	Inhibitory influence of chromogranin A N-terminal fragment (vasostatin-1) on the spontaneous contractions of rat proximal colon. Regulatory Peptides, 2005, 130, 42-47.	1.9	17
53	Ultrastructural changes in the interstitial cells of Cajal and gastric dysrhythmias in mice lacking full-length dystrophin (mdxmice). Journal of Cellular Physiology, 2004, 199, 293-309.	2.0	20
54	Interplay between PACAP and NO in mouse ileum. Neuropharmacology, 2004, 46, 449-455.	2.0	25

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55	Neurotransmitters involved in the fast inhibitory junction potentials in mouse distal colon. European Journal of Pharmacology, 2003, 460, 183-190.	1.7	51
56	Duodenal contractile activity in dystrophic (mdx) mice: reduction of nitric oxide influence. Neurogastroenterology and Motility, 2003, 15, 559-565.	1.6	15
57	NANC inhibitory neurotransmission in mouse isolated stomach: involvement of nitric oxide, ATP and vasoactive intestinal polypeptide. British Journal of Pharmacology, 2003, 140, 431-437.	2.7	57
58	Nitric oxide induces muscular relaxation via cyclic GMP-dependent and -independent mechanisms in the longitudinal muscle of the mouse duodenum. Nitric Oxide - Biology and Chemistry, 2003, 8, 48-52.	1.2	25
59	Spontaneous mechanical activity and evoked responses in isolated gastric preparations from normal and dystrophic (mdx) mice. Neurogastroenterology and Motility, 2002, 14, 667-675.	1.6	24
60	Increased calcium influx is responsible for the sustained mechanical tone in colon from dystrophic (mdx) mice. Gastroenterology, 2001, 120, 1430-1437.	0.6	19
61	Myogenic NOS and endogenous NO production are defective in colon from dystrophic (<i>mdx</i>) mice. American Journal of Physiology - Renal Physiology, 2001, 281, G1264-G1270.	1.6	28
62	Altered electrical activity in colonic smooth muscle cells from dystrophic (mdx) mice. Neurogastroenterology and Motility, 2001, 13, 169-175.	1.6	27
63	Modulation by nitric oxide of spontaneous mechanical activity in rat proximal colon. Autonomic and Autacoid Pharmacology, 1999, 19, 1-6.	0.7	16
64	Tonic inhibitory action by nitric oxide on spontaneous mechanical activity in rat proximal colon: involvement of cyclic GMP and apamin-sensitive K+ channels. British Journal of Pharmacology, 1999, 127, 514-520.	2.7	26
65	Tachykinins mediate noncholinergic excitatory neural responses in the circular muscle of rat proximal colon. Canadian Journal of Physiology and Pharmacology, 1998, 76, 684-9.	0.7	8
66	Mode and mechanism of neurotensin action in rat proximal colon. European Journal of Pharmacology, 1997, 319, 269-272.	1.7	15
67	Motility pattern of isolated rat proximal colon and excitatory action of neurotensin. European Journal of Pharmacology, 1995, 275, 131-137.	1.7	21
68	Noradrenergic, noncholinergic inhibitory junction potentials in rat proximal colon: role of nitric oxide. Canadian Journal of Physiology and Pharmacology, 1995, 73, 79-84.	0.7	22
69	Neurotensin: dual effect on the motor activity of rat duodenum. European Journal of Pharmacology, 1992, 212, 215-224.	1.7	18
70	Evidence that adenosine is not involved in the non-adrenergic non-cholinergic relaxation in the rat duodenum. Archives Internationales De Physiologie Et De Biochimie, 1990, 98, 149-154.	0.2	3
71	On the purinergic system in rat duodenum : existence of P1and P2receptors on the smooth muscle. Archives Internationales De Physiologie Et De Biochimie, 1990, 98, 53-58.	0.2	5
72	Interstitial cells of cajal and slow wave generation in canine colonic circular muscle. Journal of the Autonomic Nervous System, 1990, 30, S141-S143.	1.9	7

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73	Evidence against purines being neurotransmitters of non-adrenergic, non-cholinergic nerves in rat duodenum. European Journal of Pharmacology, 1990, 182, 487-495.	1.7	22
74	Excitatory effects of opiates on the spontaneous EMG activity in pigeon oesophagus. Journal of the Autonomic Nervous System, 1988, 25, 127-133.	1.9	1
75	Electrical stimulation of glossopharyngeal nerve and oesophageal EMG response in the pigeon. Archives Internationales De Physiologie Et De Biochimie, 1985, 93, 321-329.	0.2	6
76	Evidence for extrinsic control of oesophageal primary peristalsis. Archives Internationales De Physiologie Et De Biochimie, 1985, 93, 199-207.	0.2	4
77	Primary peristalsis in pigeon cervical oesophagus: two EMG patterns. Archives Internationales De Physiologie Et De Biochimie, 1984, 92, 185-194.	0.2	8
78	EMG activity of pigeon oesophagus in vivo. Archives Internationales De Physiologie Et De Biochimie, 1982, 90, 83-94.	0.2	6