

# Rosa S Erio

## List of Publications by Year in descending order

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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	GABA and GABA receptors in the gastrointestinal tract: from motility to inflammation. <i>Pharmacological Research</i> , 2015, 93, 11-21.	3.1	171
2	Peripheral motor action of glucagon-like peptide-1 through enteric neuronal receptors. <i>Neurogastroenterology and Motility</i> , 2010, 22, 664-e203.	1.6	96
3	Galactosylated polymeric carriers for liver targeting of sorafenib. <i>International Journal of Pharmaceutics</i> , 2014, 466, 172-180.	2.6	72
4	NANC inhibitory neurotransmission in mouse isolated stomach: involvement of nitric oxide, ATP and vasoactive intestinal polypeptide. <i>British Journal of Pharmacology</i> , 2003, 140, 431-437.	2.7	57
5	Neurotransmitters involved in the fast inhibitory junction potentials in mouse distal colon. <i>European Journal of Pharmacology</i> , 2003, 460, 183-190.	1.7	51
6	Glucagon-like peptide-2 relaxes mouse stomach through vasoactive intestinal peptide release. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G678-G684.	1.6	46
7	Involvement of CB1 and CB2 receptors in the modulation of cholinergic neurotransmission in mouse gastric preparations. <i>Pharmacological Research</i> , 2007, 56, 185-192.	3.1	44
8	Exogenous glucagon-like peptide 1 reduces contractions in human colon circular muscle. <i>Journal of Endocrinology</i> , 2014, 221, 29-37.	1.2	37
9	Gastric emptying, small intestinal transit and fecal output in dystrophic (mdx) mice. <i>Journal of Physiological Sciences</i> , 2010, 60, 75-79.	0.9	36
10	D1 receptors play a major role in the dopamine modulation of mouse ileum contractility. <i>Pharmacological Research</i> , 2010, 61, 371-378.	3.1	36
11	Food intake in lean and obese mice after peripheral administration of glucagon-like peptide 2. <i>Journal of Endocrinology</i> , 2012, 213, 277-284.	1.2	32
12	Myogenic NOS and endogenous NO production are defective in colon from dystrophic (mdx) mice. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, G1264-G1270.	1.6	28
13	Altered electrical activity in colonic smooth muscle cells from dystrophic (mdx) mice. <i>Neurogastroenterology and Motility</i> , 2001, 13, 169-175.	1.6	27
14	Inhibition of the Mechanical Activity of Mouse Ileum by Cactus Pear ( <i>Opuntia Ficus Indica</i> , L.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> 58, 7565-7571.	2.4	27
15	Dopamine induces inhibitory effects on the circular muscle contractility of mouse distal colon via D1- and D2-like receptors. <i>Journal of Physiology and Biochemistry</i> , 2016, 73, 395-404.	1.3	27
16	Tonic inhibitory action by nitric oxide on spontaneous mechanical activity in rat proximal colon: involvement of cyclic GMP and apamin-sensitive K <sup>+</sup> channels. <i>British Journal of Pharmacology</i> , 1999, 127, 514-520.	2.7	26
17	Inhibitory responses to exogenous adenosine in murine proximal and distal colon. <i>British Journal of Pharmacology</i> , 2006, 148, 956-963.	2.7	26
18	Nitric oxide induces muscular relaxation via cyclic GMP-dependent and -independent mechanisms in the longitudinal muscle of the mouse duodenum. <i>Nitric Oxide - Biology and Chemistry</i> , 2003, 8, 48-52.	1.2	25

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19	Interplay between PACAP and NO in mouse ileum. <i>Neuropharmacology</i> , 2004, 46, 449-455.	2.0	25
20	Functional evidence for GABA as modulator of the contractility of the longitudinal muscle in mouse duodenum: Role of GABAA and GABAC receptors. <i>Neuropharmacology</i> , 2007, 52, 1685-1690.	2.0	25
21	Spontaneous mechanical activity and evoked responses in isolated gastric preparations from normal and dystrophic (mdx) mice. <i>Neurogastroenterology and Motility</i> , 2002, 14, 667-675.	1.6	24
22	Inhibitory purinergic transmission in mouse caecum: Role for P2Y1 receptors as prejunctional modulators of ATP release. <i>Neuroscience</i> , 2007, 150, 658-664.	1.1	24
23	Cannabinoid CB1 receptor activation modulates spontaneous contractile activity in mouse ileal longitudinal muscle. <i>European Journal of Pharmacology</i> , 2008, 582, 132-138.	1.7	23
24	Evidence against purines being neurotransmitters of non-adrenergic, non-cholinergic nerves in rat duodenum. <i>European Journal of Pharmacology</i> , 1990, 182, 487-495.	1.7	22
25	Noradrenergic, noncholinergic inhibitory junction potentials in rat proximal colon: role of nitric oxide. <i>Canadian Journal of Physiology and Pharmacology</i> , 1995, 73, 79-84.	0.7	22
26	Interaction between cannabinoid CB <sub>1</sub> receptors and endogenous ATP in the control of spontaneous mechanical activity in mouse ileum. <i>British Journal of Pharmacology</i> , 2009, 158, 243-251.	2.7	22
27	Motility pattern of isolated rat proximal colon and excitatory action of neurotensin. <i>European Journal of Pharmacology</i> , 1995, 275, 131-137.	1.7	21
28	Gastric relaxation induced by apigenin and quercetin: Analysis of the mechanism of action. <i>Life Sciences</i> , 2009, 85, 85-90.	2.0	21
29	The GABAergic System and the Gastrointestinal Physiopathology. <i>Current Pharmaceutical Design</i> , 2015, 21, 4996-5016.	0.9	21
30	Ultrastructural changes in the interstitial cells of Cajal and gastric dysrhythmias in mice lacking full-length dystrophin (mdxmice). <i>Journal of Cellular Physiology</i> , 2004, 199, 293-309.	2.0	20
31	Evidence for the presence of P2y and P2x receptors with different functions in mouse stomach. <i>European Journal of Pharmacology</i> , 2005, 513, 135-140.	1.7	20
32	Evidence for a modulatory role of cannabinoids on the excitatory NANC neurotransmission in mouse colon. <i>Pharmacological Research</i> , 2007, 56, 132-139.	3.1	20
33	Increased calcium influx is responsible for the sustained mechanical tone in colon from dystrophic (mdx) mice. <i>Gastroenterology</i> , 2001, 120, 1430-1437.	0.6	19
34	Neurotensin: dual effect on the motor activity of rat duodenum. <i>European Journal of Pharmacology</i> , 1992, 212, 215-224.	1.7	18
35	Mechanisms underlying the nitric oxide inhibitory effects in mouse ileal longitudinal muscle. <i>Canadian Journal of Physiology and Pharmacology</i> , 2005, 83, 805-810.	0.7	18
36	Involvement of cholinergic nicotinic receptors in the menthol-induced gastric relaxation. <i>European Journal of Pharmacology</i> , 2014, 745, 129-134.	1.7	18

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37	Inhibitory influence of chromogranin A N-terminal fragment (vasostatin-1) on the spontaneous contractions of rat proximal colon. <i>Regulatory Peptides</i> , 2005, 130, 42-47.	1.9	17
38	Angiotensin <sc>II</sc> contractile effects in mouse colon: role for pre- and post-junctional <sc>AT</sc><sub>1A</sub> receptors. <i>Acta Physiologica</i> , 2013, 207, 337-345.	1.8	17
39	Modulation by nitric oxide of spontaneous mechanical activity in rat proximal colon. <i>Autonomic and Autacoid Pharmacology</i> , 1999, 19, 1-6.	0.7	16
40	A1 receptors mediate adenosine inhibitory effects in mouse ileum via activation of potassium channels. <i>Life Sciences</i> , 2009, 84, 772-778.	2.0	16
41	Opposite role played by GABAA and GABAB receptors in the modulation of peristaltic activity in mouse distal colon. <i>European Journal of Pharmacology</i> , 2014, 731, 93-99.	1.7	16
42	Postnatal development of the dopaminergic signaling involved in the modulation of intestinal motility in mice. <i>Pediatric Research</i> , 2016, 80, 440-447.	1.1	16
43	Preventive effects of guanosine on intestinal inflammation in 2, 4-dinitrobenzene sulfonic acid (DNBS)-induced colitis in rats. <i>Inflammopharmacology</i> , 2019, 27, 349-359.	1.9	16
44	Mode and mechanism of neurotensin action in rat proximal colon. <i>European Journal of Pharmacology</i> , 1997, 319, 269-272.	1.7	15
45	Duodenal contractile activity in dystrophic (mdx) mice: reduction of nitric oxide influence. <i>Neurogastroenterology and Motility</i> , 2003, 15, 559-565.	1.6	15
46	Mechanisms underlying hyperpolarization evoked by P2Y receptor activation in mouse distal colon. <i>European Journal of Pharmacology</i> , 2006, 544, 174-180.	1.7	14
47	Role for NK1 and NK2 receptors in the motor activity in mouse colon. <i>European Journal of Pharmacology</i> , 2007, 570, 196-202.	1.7	14
48	Functional evidence for different roles of GABAA and GABAB receptors in modulating mouse gastric tone. <i>Neuropharmacology</i> , 2010, 58, 1033-1037.	2.0	14
49	Activation of angiotensin <sc>II</sc> type 1 receptors and contractile activity in human sigmoid colon <i>in vitro</i> . <i>Acta Physiologica</i> , 2015, 215, 37-45.	1.8	14
50	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. <i>Inflammopharmacology</i> , 2020, 28, 187-199.	1.9	14
51	Adenosine negatively regulates duodenal motility in mice: role of A<sub>1</sub> and A<sub>2A</sub> receptors. <i>British Journal of Pharmacology</i> , 2011, 164, 1580-1589.	2.7	13
52	Activation of P2Y receptors by ATP and by its analogue, ADP <sup>β</sup> S, triggers two calcium signal pathways in the longitudinal muscle of mouse distal colon. <i>European Journal of Pharmacology</i> , 2008, 595, 84-89.	1.7	12
53	Pharmacological characterization of uracil nucleotide-preferring P2Y receptors modulating intestinal motility: a study on mouse ileum. <i>Purinergic Signalling</i> , 2012, 8, 275-285.	1.1	12
54	Mechanisms underlying the inhibitory effects induced by pituitary adenylate cyclase-activating peptide in mouse ileum. <i>European Journal of Pharmacology</i> , 2005, 521, 133-138.	1.7	10

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55	Role of NK1 and NK2 receptors in mouse gastric mechanical activity. <i>British Journal of Pharmacology</i> , 2006, 147, 430-436.	2.7	10
56	Inhibitory effects of indicaxanthin on mouse ileal contractility: Analysis of the mechanism of action. <i>European Journal of Pharmacology</i> , 2011, 658, 200-205.	1.7	10
57	Tachykinergic neurotransmission is enhanced in duodenum from dystrophic (mdx ) mice. <i>British Journal of Pharmacology</i> , 2005, 145, 334-341.	2.7	9
58	Altered tachykinergic influence on gastric mechanical activity in mdx mice. <i>Neurogastroenterology and Motility</i> , 2006, 18, 844-852.	1.6	9
59	Opposite effects of dopamine on the mechanical activity of circular and longitudinal muscle of human colon. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13811.	1.6	9
60	Primary peristalsis in pigeon cervical oesophagus: two EMG patterns. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1984, 92, 185-194.	0.2	8
61	Can guanine-based purines be considered modulators of intestinal motility in rodents?. <i>European Journal of Pharmacology</i> , 2011, 650, 350-355.	1.7	8
62	Tachykinins mediate noncholinergic excitatory neural responses in the circular muscle of rat proximal colon. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998, 76, 684-9.	0.7	8
63	Interstitial cells of cajal and slow wave generation in canine colonic circular muscle. <i>Journal of the Autonomic Nervous System</i> , 1990, 30, S141-S143.	1.9	7
64	Guanosine negatively modulates the gastric motor function in mouse. <i>Purinergic Signalling</i> , 2013, 9, 655-661.	1.1	7
65	Tetrodotoxin-dependent effects of menthol on mouse gastric motor function. <i>European Journal of Pharmacology</i> , 2013, 718, 131-137.	1.7	7
66	EMG activity of pigeon oesophagus in vivo. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1982, 90, 83-94.	0.2	6
67	Electrical stimulation of glossopharyngeal nerve and oesophageal EMG response in the pigeon. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1985, 93, 321-329.	0.2	6
68	Arginine vasopressin, via activation of post-junctional V1 receptors, induces contractile effects in mouse distal colon. <i>Regulatory Peptides</i> , 2013, 187, 29-34.	1.9	6
69	Altered gastrointestinal motility in an animal model of Lesch-Nyhan disease. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 210, 55-64.	1.4	6
70	On the purinergic system in rat duodenum : existence of P1and P2receptors on the smooth muscle. <i>Archives Internationales De Physiologie Et De Biochimie</i> , 1990, 98, 53-58.	0.2	5
71	Evidence for a role of inducible nitric oxide synthase in gastric relaxation of mdx mice. <i>Neurogastroenterology and Motility</i> , 2006, 18, 446-454.	1.6	5
72	Age-related differences of $\gamma$ -aminobutyric acid (GABA)ergic transmission in human colonic smooth muscle. <i>Neurogastroenterology and Motility</i> , 2021, , e14248.	1.6	5

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73	Evidence for extrinsic control of oesophageal primary peristalsis. Archives Internationales De Physiologie Et De Biochimie, 1985, 93, 199-207.	0.2	4
74	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
75	AphaMax® <sup>®</sup> , an Aphanizomenon Flos-Aquae Aqueous Extract, Exerts Intestinal Protective Effects in Experimental Colitis in Rats. Nutrients, 2020, 12, 3635.	1.7	3
76	Relaxation induced by N-terminal fragments of chromogranin A in mouse gastric preparations. Regulatory Peptides, 2007, 139, 90-95.	1.9	2
77	Therapeutic Potential of the Gabaergic System in Ulcerative Colitis: Current Status and Perspectives. Digestive Diseases and Sciences, 2017, 62, 2780-2780.	1.1	2
78	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