

Cristina Giaroni

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

1,244
citations

19
h-index

34
g-index

56
ext. papers

1,552
ext. citations

5
avg, IF

4.31
L-index

#	Paper	IF	Citations
51	Plasticity in the enteric nervous system. <i>Gastroenterology</i> , 1999 , 117, 1438-58	13.3	144
50	P2 receptors in the murine gastrointestinal tract. <i>Neuropharmacology</i> , 2002 , 43, 1313-23	5.5	97
49	Reactive oxygen species, dietary restriction and neurotrophic factors in age-related loss of myenteric neurons. <i>Aging Cell</i> , 2006 , 5, 247-57	9.9	89
48	Glutamatergic Signaling Along The Microbiota-Gut-Brain Axis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	81
47	Adrenergic mechanisms in the control of gastrointestinal motility: from basic science to clinical applications 1996 , 69, 59-78		66
46	Antibiotic-induced dysbiosis of the microbiota impairs gut neuromuscular function in juvenile mice. <i>British Journal of Pharmacology</i> , 2017 , 174, 3623-3639	8.6	63
45	Role of glutamatergic neurotransmission in the enteric nervous system and brain-gut axis in health and disease. <i>Neuropharmacology</i> , 2016 , 111, 14-33	5.5	49
44	N-methyl-D-aspartate receptors modulate neurotransmitter release and peristalsis in the guinea pig isolated colon. <i>Neuroscience Letters</i> , 1995 , 183, 139-42	3.3	47
43	Tryptophan Metabolites Along the Microbiota-Gut-Brain Axis: An Interkingdom Communication System Influencing the Gut in Health and Disease. <i>International Journal of Tryptophan Research</i> , 2020 , 13, 1178646920928984	5.6	42
42	Evidence for a glutamatergic modulation of the cholinergic function in the human enteric nervous system via NMDA receptors. <i>European Journal of Pharmacology</i> , 2003 , 476, 63-9	5.3	40
41	The Complex Interplay Between Extracellular Matrix and Cells in Tissues. <i>Methods in Molecular Biology</i> , 2019 , 1952, 1-20	1.4	38
40	Antibiotic treatment-induced dysbiosis differently affects BDNF and TrkB expression in the brain and in the gut of juvenile mice. <i>PLoS ONE</i> , 2019 , 14, e0212856	3.7	38
39	Postnatal development of P2 receptors in the murine gastrointestinal tract. <i>Neuropharmacology</i> , 2006 , 50, 690-704	5.5	33
38	Changes in hyaluronan deposition in the rat myenteric plexus after experimentally-induced colitis. <i>Scientific Reports</i> , 2017 , 7, 17644	4.9	32
37	Effect of a new cognition enhancer, alpha-glycerolphosphorylcholine, on scopolamine-induced amnesia and brain acetylcholine. <i>Pharmacology Biochemistry and Behavior</i> , 1991 , 39, 835-40	3.9	30
36	Nitric oxide regulates homeoprotein OTX1 and OTX2 expression in the rat myenteric plexus after intestinal ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 312, G374-G389	5.1	26
35	Role of neuronal and inducible nitric oxide synthases in the guinea pig ileum myenteric plexus during in vitro ischemia and reperfusion. <i>Neurogastroenterology and Motility</i> , 2013 , 25, e114-26	4	22

34	Interaction between NMDA glutamatergic and nitrgergic enteric pathways during in vitro ischemia and reperfusion. <i>European Journal of Pharmacology</i> , 2015 , 750, 123-31	5.3	20
33	Impact of Microbial Metabolites on Microbiota-Gut-Brain Axis in Inflammatory Bowel Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	19
32	Tonic modulation of neurotransmitter release in the guinea-pig myenteric plexus: effect of mu and kappa opioid receptor blockade and of chronic sympathetic denervation. <i>Neuroscience Letters</i> , 1995 , 194, 185-8	3.3	18
31	Purinergic signalling and development of the autonomic nervous system. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015 , 191, 67-77	2.4	17
30	Antagonism of ionotropic glutamate receptors attenuates chemical ischemia-induced injury in rat primary cultured myenteric ganglia. <i>PLoS ONE</i> , 2014 , 9, e113613	3.7	17
29	Protein kinase C modulates NMDA receptors in the myenteric plexus of the guinea pig ileum during in vitro ischemia and reperfusion. <i>Neurogastroenterology and Motility</i> , 2011 , 23, e91-103	4	16
28	Glutamate receptors of the AMPA type modulate neurotransmitter release and peristalsis in the guinea-pig isolated colon. <i>Life Sciences</i> , 2000 , 67, 1747-57	6.8	15
27	Involvement of Enteric Glia in Small Intestine Neuromuscular Dysfunction of Toll-Like Receptor 4-Deficient Mice. <i>Cells</i> , 2020 , 9,	7.9	15
26	Neurochemical characterization of myenteric neurons in the juvenile gilthead sea bream (<i>Sparus aurata</i>) intestine. <i>PLoS ONE</i> , 2018 , 13, e0201760	3.7	13
25	Effects of chronic desipramine treatment on alpha2-adrenoceptors and mu-opioid receptors in the guinea pig cortex and hippocampus. <i>European Journal of Pharmacology</i> , 2008 , 579, 116-25	5.3	12
24	Involvement of glutamate receptors of the NMDA type in the modulation of acetylcholine and glutamate overflow from the guinea pig ileum during in vitro hypoxia and hypoglycaemia. <i>Neurochemistry International</i> , 2006 , 48, 191-200	4.4	12
23	Modulation of enteric cholinergic neurons by hetero- and autoreceptors: cooperation among inhibitory inputs. <i>Life Sciences</i> , 1999 , 65, 813-21	6.8	12
22	The microbiota-gut-brain axis: Focus on the fundamental communication pathways. <i>Progress in Molecular Biology and Translational Science</i> , 2020 , 176, 43-110	4	10
21	Involvement of Ca ²⁺ -dependent PKCs in the adaptive changes of mu-opioid pathways to sympathetic denervation in the guinea pig colon. <i>Biochemical Pharmacology</i> , 2009 , 78, 1233-41	6	10
20	Acetylcholine detection by a modified HPLC-ED method improves the assessment of cholinergic function in the myenteric plexus of the guinea-pig colon. <i>Neuroscience Letters</i> , 1997 , 232, 9-12	3.3	10
19	Modulation of neurotransmitter release by opioid mu- and kappa-receptors from adrenergic terminals in the myenteric plexus of the guinea-pig colon: effect of alpha 2-autoreceptor blockade. <i>Neuroscience Letters</i> , 1997 , 222, 75-8	3.3	10
18	Homeoprotein OTX1 and OTX2 involvement in rat myenteric neuron adaptation after DNBS-induced colitis. <i>PeerJ</i> , 2020 , 8, e8442	3.1	9
17	The ecto-enzymes CD73 and adenosine deaminase modulate 5UAMP-derived adenosine in myofibroblasts of the rat small intestine. <i>Purinergic Signalling</i> , 2018 , 14, 409-421	3.8	9

16	Microbiota medicine: towards clinical revolution.. <i>Journal of Translational Medicine</i> , 2022 , 20, 111	8.5	9
15	Involvement of hyaluronan in the adaptive changes of the rat small intestine neuromuscular function after ischemia/reperfusion injury. <i>Scientific Reports</i> , 2020 , 10, 11521	4.9	7
14	Marine Toxins and Nociception: Potential Therapeutic Use in the Treatment of Visceral Pain Associated with Gastrointestinal Disorders. <i>Toxins</i> , 2019 , 11,	4.9	6
13	Functional interaction between alpha2-adrenoceptors, mu- and kappa-opioid receptors in the guinea pig myenteric plexus: effect of chronic desipramine treatment. <i>European Journal of Pharmacology</i> , 2006 , 553, 269-79	5.3	6
12	Sympathetic denervation-induced changes in G protein expression in enteric neurons of the guinea pig colon. <i>Life Sciences</i> , 2002 , 71, 1961-73	6.8	6
11	Oxidized phospholipids affect small intestine neuromuscular transmission and serotonergic pathways in juvenile mice. <i>Neurogastroenterology and Motility</i> , 2021 , 33, e14036	4	6
10	TRPV4 channels dominant role in the temperature modulation of intrinsic contractility and lymph flow of rat diaphragmatic lymphatics. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H507-H518	5.2	5
9	Muscarinic modulation of endogenous noradrenaline release from adrenergic terminals in the guinea-pig colon. <i>Autonomic and Autacoid Pharmacology</i> , 1997 , 17, 365-72		4
8	Bacterial pigments: A colorful palette reservoir for biotechnological applications. <i>Biotechnology and Applied Biochemistry</i> , 2021 ,	2.8	4
7	Dopamine Transporter Genetic Reduction Induces Morpho-Functional Changes in the Enteric Nervous System. <i>Biomedicines</i> , 2021 , 9,	4.8	3
6	Involvement of protein kinase C in the adaptive changes of cholinergic neurons to sympathetic denervation in the guinea pig myenteric plexus. <i>Life Sciences</i> , 2003 , 73, 2641-54	6.8	2
5	Hyaluronan: A Neuroimmune Modulator in the Microbiota-Gut Axis.. <i>Cells</i> , 2021 , 11,	7.9	2
4	Soy diet induces intestinal inflammation in adult Zebrafish: Role of OTX and P53 family. <i>International Journal of Experimental Pathology</i> , 2021 ,	2.8	1
3	Effect of partial substitution of fishmeal with insect meal (<i>Hermetia illucens</i>) on gut neuromuscular function in Gilthead sea bream (<i>Sparus aurata</i>). <i>Scientific Reports</i> , 2021 , 11, 21788	4.9	0
2	Method for Detecting Hyaluronan in Isolated Myenteric Plexus Ganglia of Adult Rat Small Intestine. <i>Methods in Molecular Biology</i> , 2019 , 1952, 117-125	1.4	
1	Small intestine neuromuscular dysfunction in a mouse model of dextran sulfate sodium-induced ileitis: Involvement of dopaminergic neurotransmission.. <i>Life Sciences</i> , 2022 , 120562	6.8	