Cristina Giaroni

List of Publications by Year in Descending Order

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	Microbiota medicine: towards clinical revolution.. *Journal of Translational Medicine*, **2022**, 20, 111	8.5	9
50	Small intestine neuromuscular dysfunction in a mouse model of dextran sulfate sodium-induced ileitis: Involvement of dopaminergic neurotransmission.. *Life Sciences*, **2022**, 120562	6.8	
49	Effect of partial substitution of fishmeal with insect meal (Hermetia illucens) on gut neuromuscular function in Gilthead sea bream (Sparus aurata). *Scientific Reports*, **2021**, 11, 21788	4.9	0
48	Soy diet induces intestinal inflammation in adult Zebrafish: Role of OTX and P53 family. *International Journal of Experimental Pathology*, **2021**,	2.8	1
47	Dopamine Transporter Genetic Reduction Induces Morpho-Functional Changes in the Enteric Nervous System. *Biomedicines*, **2021**, 9,	4.8	3
46	Bacterial pigments: A colorful palette reservoir for biotechnological applications. *Biotechnology and Applied Biochemistry*, **2021**,	2.8	4
45	Oxidized phospholipids affect small intestine neuromuscular transmission and serotonergic pathways in juvenile mice. *Neurogastroenterology and Motility*, **2021**, 33, e14036	4	6
44	Impact of Microbial Metabolites on Microbiota-Gut-Brain Axis in Inflammatory Bowel Disease. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	19
43	Hyaluronan: A Neuroimmune Modulator in the Microbiota-Gut Axis.. *Cells*, **2021**, 11,	7.9	2
42	The microbiota-gut-brain axis: Focus on the fundamental communication pathways. *Progress in Molecular Biology and Translational Science*, **2020**, 176, 43-110	4	10
41	Tryptophan Metabolites Along the Microbiota-Gut-Brain Axis: An Interkingdom Communication System Influencing the Gut in Health and Disease. *International Journal of Tryptophan Research*, **2020**, 13, 1178646920928984	5.6	42
40	Homeoprotein OTX1 and OTX2 involvement in rat myenteric neuron adaptation after DNBS-induced colitis. *PeerJ*, **2020**, 8, e8442	3.1	9
39	TRPV4 channelsUdominant role in the temperature modulation of intrinsic contractility and lymph flow of rat diaphragmatic lymphatics. *American Journal of Physiology - Heart and Circulatory Physiology*, **2020**, 319, H507-H518	5.2	5
38	Involvement of hyaluronan in the adaptive changes of the rat small intestine neuromuscular function after ischemia/reperfusion injury. *Scientific Reports*, **2020**, 10, 11521	4.9	7
37	Involvement of Enteric Glia in Small Intestine Neuromuscular Dysfunction of Toll-Like Receptor 4-Deficient Mice. *Cells*, **2020**, 9,	7.9	15
36	The Complex Interplay Between Extracellular Matrix and Cells in Tissues. *Methods in Molecular Biology*, **2019**, 1952, 1-20	1.4	38
35	Method for Detecting Hyaluronan in Isolated Myenteric Plexus Ganglia of Adult Rat Small Intestine. *Methods in Molecular Biology*, **2019**, 1952, 117-125	1.4	

34	Glutamatergic Signaling Along The Microbiota-Gut-Brain Axis. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	81
33	Antibiotic treatment-induced dysbiosis differently affects BDNF and TrkB expression in the brain and in the gut of juvenile mice. *PLoS ONE*, **2019**, 14, e0212856	3.7	38
32	Marine Toxins and Nociception: Potential Therapeutic Use in the Treatment of Visceral Pain Associated with Gastrointestinal Disorders. *Toxins*, **2019**, 11,	4.9	6
31	Neurochemical characterization of myenteric neurons in the juvenile gilthead sea bream (Sparus aurata) intestine. *PLoS ONE*, **2018**, 13, e0201760	3.7	13
30	The ecto-enzymes CD73 and adenosine deaminase modulate 5UAMP-derived adenosine in myofibroblasts of the rat small intestine. *Purinergic Signalling*, **2018**, 14, 409-421	3.8	9
29	Nitric oxide regulates homeoprotein OTX1 and OTX2 expression in the rat myenteric plexus after intestinal ischemia-reperfusion injury. *American Journal of Physiology - Renal Physiology*, **2017**, 312, G374-G389	5.1	26
28	Antibiotic-induced dysbiosis of the microbiota impairs gut neuromuscular function in juvenile mice. *British Journal of Pharmacology*, **2017**, 174, 3623-3639	8.6	63
27	Changes in hyaluronan deposition in the rat myenteric plexus after experimentally-induced colitis. *Scientific Reports*, **2017**, 7, 17644	4.9	32
26	Role of glutamatergic neurotransmission in the enteric nervous system and brain-gut axis in health and disease. *Neuropharmacology*, **2016**, 111, 14-33	5.5	49
25	Purinergic signalling and development of the autonomic nervous system. *Autonomic Neuroscience: Basic and Clinical*, **2015**, 191, 67-77	2.4	17
24	Interaction between NMDA glutamatergic and nitrergic enteric pathways during in vitro ischemia and reperfusion. *European Journal of Pharmacology*, **2015**, 750, 123-31	5.3	20
23	Antagonism of ionotropic glutamate receptors attenuates chemical ischemia-induced injury in rat primary cultured myenteric ganglia. *PLoS ONE*, **2014**, 9, e113613	3.7	17
22	Role of neuronal and inducible nitric oxide synthases in the guinea pig ileum myenteric plexus during in vitro ischemia and reperfusion. *Neurogastroenterology and Motility*, **2013**, 25, e114-26	4	22
21	Protein kinase C modulates NMDA receptors in the myenteric plexus of the guinea pig ileum during in vitro ischemia and reperfusion. *Neurogastroenterology and Motility*, **2011**, 23, e91-103	4	16
20	Involvement of Ca2+-dependent PKCs in the adaptive changes of mu-opioid pathways to sympathetic denervation in the guinea pig colon. *Biochemical Pharmacology*, **2009**, 78, 1233-41	6	10
19	Effects of chronic desipramine treatment on alpha2-adrenoceptors and mu-opioid receptors in the guinea pig cortex and hippocampus. *European Journal of Pharmacology*, **2008**, 579, 116-25	5.3	12
18	Functional interaction between alpha2-adrenoceptors, mu- and kappa-opioid receptors in the guinea pig myenteric plexus: effect of chronic desipramine treatment. *European Journal of Pharmacology*, **2006**, 553, 269-79	5.3	6
17	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. *Neurochemistry International*, **2006**, 48, 191-200	4.4	12

16	Postnatal development of P2 receptors in the murine gastrointestinal tract. *Neuropharmacology*, **2006**, 50, 690-704	5.5	33
15	Reactive oxygen species, dietary restriction and neurotrophic factors in age-related loss of myenteric neurons. *Aging Cell*, **2006**, 5, 247-57	9.9	89
14	Evidence for a glutamatergic modulation of the cholinergic function in the human enteric nervous system via NMDA receptors. *European Journal of Pharmacology*, **2003**, 476, 63-9	5.3	40
13	Involvement of protein kinase C in the adaptive changes of cholinergic neurons to sympathetic denervation in the guinea pig myenteric plexus. *Life Sciences*, **2003**, 73, 2641-54	6.8	2
12	Sympathetic denervation-induced changes in G protein expression in enteric neurons of the guinea pig colon. *Life Sciences*, **2002**, 71, 1961-73	6.8	6
11	P2 receptors in the murine gastrointestinal tract. *Neuropharmacology*, **2002**, 43, 1313-23	5.5	97
10	Glutamate receptors of the AMPA type modulate neurotransmitter release and peristalsis in the guinea-pig isolated colon. *Life Sciences*, **2000**, 67, 1747-57	6.8	15
9	Modulation of enteric cholinergic neurons by hetero- and autoreceptors: cooperation among inhibitory inputs. *Life Sciences*, **1999**, 65, 813-21	6.8	12
8	Plasticity in the enteric nervous system. *Gastroenterology*, **1999**, 117, 1438-58	13.3	144
7	Acetylcholine detection by a modified HPLC-ED method improves the assessment of cholinergic function in the myenteric plexus of the guinea-pig colon. *Neuroscience Letters*, **1997**, 232, 9-12	3.3	10
6	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. *Neuroscience Letters*, **1997**, 222, 75-8	3.3	10
5	Muscarinic modulation of endogenous noradrenaline release from adrenergic terminals in the guinea-pig colon. *Autonomic and Autacoid Pharmacology*, **1997**, 17, 365-72		4
4	Adrenergic mechanisms in the control of gastrointestinal motility: from basic science to clinical applications **1996**, 69, 59-78		66
3	Tonic modulation of neurotransmitter release in the guinea-pig myenteric plexus: effect of mu and kappa opioid receptor blockade and of chronic sympathetic denervation. *Neuroscience Letters*, **1995** , 194, 185-8	3.3	18
2	N-methyl-D-aspartate receptors modulate neurotransmitter release and peristalsis in the guinea pig isolated colon. *Neuroscience Letters*, **1995**, 183, 139-42	3.3	47
1	Effect of a new cognition enhancer, alpha-glycerylphosphorylcholine, on scopolamine-induced amnesia and brain acetylcholine. *Pharmacology Biochemistry and Behavior*, **1991**, 39, 835-40	3.9	30