

Fulvia Bongianni

List of Publications by Year in descending order

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57
papers

1,289
citations

331259

21
h-index

414034

32
g-index

57
all docs

57
docs citations

57
times ranked

612
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of the cough reflex by antitussive agents within the caudal aspect of the nucleus tractus solitarii in the rabbit. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R243-R251.	0.9	65
2	The role of excitatory amino acids and substance P in the mediation of the cough reflex within the nucleus tractus solitarii of the rabbit. <i>Brain Research Bulletin</i> , 2007, 74, 284-293.	1.4	63
3	Central Nervous Mechanisms of Cough. <i>Pulmonary Pharmacology and Therapeutics</i> , 2002, 15, 227-233.	1.1	59
4	Respiratory responses induced by blockades of GABA and glycine receptors within the Bötzinger complex and the pre-Bötzinger complex of the rabbit. <i>Brain Research</i> , 2010, 1344, 134-147.	1.1	54
5	Anatomical and physiological study of brainstem nuclei relaying dorsal column inputs in lampreys. <i>Journal of Comparative Neurology</i> , 1993, 327, 260-270.	0.9	51
6	Dorsal root and dorsal column mediated synaptic inputs to reticulospinal neurons in lampreys: Involvement of glutamatergic, glycinergic, and GABAergic transmission. <i>Journal of Comparative Neurology</i> , 1993, 327, 251-259.	0.9	50
7	Trigeminal inputs to reticulospinal neurones in lampreys are mediated by excitatory and inhibitory amino acids. <i>Brain Research</i> , 1995, 695, 76-80.	1.1	43
8	Neuronal Mechanisms of Respiratory Pattern Generation Are Evolutionary Conserved. <i>Journal of Neuroscience</i> , 2013, 33, 9104-9112.	1.7	42
9	Respiratory responses evoked by blockades of ionotropic glutamate receptors within the Bötzinger complex and the pre-Bötzinger complex of the rabbit. <i>European Journal of Neuroscience</i> , 2005, 21, 122-134.	1.2	41
10	Effects of electrical and chemical stimulation of the Bötzinger complex on respiratory activity in the cat. <i>Brain Research</i> , 1988, 445, 254-261.	1.1	37
11	Discharge patterns of Bötzinger complex neurons during cough in the cat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R1015-R1024.	0.9	36
12	Putative GABAergic input to axons of spinal interneurons and primary sensory neurons in the lamprey spinal cord as shown by intracellular Lucifer yellow and GABA immunohistochemistry. <i>Brain Research</i> , 1991, 538, 313-318.	1.1	35
13	Ionotropic glutamate receptors mediate excitatory drive to caudal medullary expiratory neurons in the rabbit. <i>Brain Research</i> , 2005, 1056, 145-157.	1.1	33
14	Depression of cough reflex by microinjections of antitussive agents into caudal ventral respiratory group of the rabbit. <i>Journal of Applied Physiology</i> , 2010, 109, 1002-1010.	1.2	30
15	Respiratory changes induced by kainic acid lesions in rostral ventral respiratory group of rabbits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 283, R227-R242.	0.9	29
16	Role of glutamate receptor subtypes in the lamprey respiratory network. <i>Brain Research</i> , 1999, 826, 298-302.	1.1	28
17	GABAergic and glycinergic inhibitory mechanisms in the lamprey respiratory control. <i>Brain Research</i> , 2006, 1090, 134-145.	1.1	28
18	Role of excitatory amino acids in the mediation of tracheobronchial cough induced by citric acid inhalation in the rabbit. <i>Brain Research Bulletin</i> , 2009, 80, 22-29.	1.4	27

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19	Area postrema glutamate receptors mediate respiratory and gastric responses in the rabbit. <i>NeuroReport</i> , 1998, 9, 2057-2062.	0.6	23
20	Identification of a Cholinergic Modulatory and Rhythmogenic Mechanism within the Lamprey Respiratory Network. <i>Journal of Neuroscience</i> , 2011, 31, 13323-13332.	1.7	23
21	Neural mechanisms underlying respiratory rhythm generation in the lamprey. <i>Respiratory Physiology and Neurobiology</i> , 2016, 224, 17-26.	0.7	23
22	Expiration-related neurons in the caudal ventral respiratory group of the cat: influences of the activation of Bötzinger complex neurons. <i>Brain Research</i> , 1990, 526, 299-302.	1.1	22
23	Depressant effects on inspiratory and expiratory activity produced by chemical activation of Bötzinger complex neurons in the rabbit. <i>Brain Research</i> , 1997, 749, 1-9.	1.1	22
24	Respiratory responses to chemical stimulation of the parabrachial nuclear complex in the rabbit. <i>Brain Research</i> , 1998, 807, 182-186.	1.1	22
25	GABAergic and glycinergic inputs modulate rhythmogenic mechanisms in the lamprey respiratory network. <i>Journal of Physiology</i> , 2014, 592, 1823-1838.	1.3	22
26	Group I and II metabotropic glutamate receptors modulate respiratory activity in the lamprey. <i>European Journal of Neuroscience</i> , 2002, 16, 454-460.	1.2	21
27	Neuropeptide Y-immunoreactive spinal neurons make close appositions on axons of primary sensory afferents. <i>Brain Research</i> , 1990, 523, 337-341.	1.1	20
28	Suppression of the cough reflex by α_2 -adrenergic receptor agonists in the rabbit. <i>Physiological Reports</i> , 2013, 1, e00122.	0.7	20
29	Respiratory responses to ionotropic glutamate receptor antagonists in the ventral respiratory group of the rabbit. <i>Pflügers Archiv European Journal of Physiology</i> , 2002, 444, 602-609.	1.3	19
30	Neurokinin receptor modulation of respiratory activity in the rabbit. <i>European Journal of Neuroscience</i> , 2008, 27, 3233-3243.	1.2	19
31	Downregulation of the cough reflex by acclidinium and tiotropium in awake and anesthetized rabbits. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016, 38, 1-9.	1.1	18
32	Spinal inputs from lateral columns to reticulospinal neurons in lampreys. <i>Brain Research</i> , 1998, 808, 279-293.	1.1	17
33	Modulation of the cough reflex by GABA receptors in the caudal ventral respiratory group of the rabbit. <i>Frontiers in Physiology</i> , 2012, 3, 403.	1.3	17
34	Inhibitory control of the cough reflex by galanin receptors in the caudal nucleus tractus solitarii of the rabbit. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R1358-R1367.	0.9	17
35	GABA _A - and glycine-mediated inhibitory modulation of the cough reflex in the caudal nucleus tractus solitarii of the rabbit. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L570-L580.	1.3	16
36	Breathing stimulation mediated by 5-HT _{1A} and 5-HT ₃ receptors within the preBötzinger complex of the adult rabbit. <i>Brain Research</i> , 2019, 1704, 26-39.	1.1	16

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37	Respiratory responses to somatostatin microinjections into the BÄrtzinger complex and the pre-BÄrtzinger complex of the rabbit. <i>Neuroscience Letters</i> , 2011, 498, 26-30.	1.0	15
38	Respiratory neuronal activity during apnea and poststimulatory effects of laryngeal origin in the cat. <i>Journal of Applied Physiology</i> , 2000, 89, 917-925.	1.2	14
39	Cough reflex responses during pulmonary C-fibre receptor activation in anesthetized rabbits. <i>Neuroscience Letters</i> , 2008, 448, 200-203.	1.0	14
40	Activation of μ -opioid receptors differentially affects the preBÄrtzinger Complex and neighbouring regions of the respiratory network in the adult rabbit. <i>Respiratory Physiology and Neurobiology</i> , 2020, 280, 103482.	0.7	14
41	Handgrip-induced airway dilation in asthmatic patients with bronchoconstriction induced by MCh inhalation. <i>Journal of Applied Physiology</i> , 2002, 93, 1723-1730.	1.2	13
42	Reciprocal connections between rostral ventrolateral medulla and inspiration-related medullary areas in the cat. <i>Brain Research</i> , 1991, 565, 171-174.	1.1	12
43	Effects of Zofenopril and Ramipril on Cough Reflex Responses in Anesthetized and Awake Rabbits. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2010, 15, 384-392.	1.0	12
44	Suppression of the cough reflex by inhibition of ERK1/2 activation in the caudal nucleus tractus solitarii of the rabbit. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R976-R983.	0.9	12
45	The cough reflex is upregulated by lisinopril microinjected into the caudal nucleus tractus solitarii of the rabbit. <i>Respiratory Physiology and Neurobiology</i> , 2015, 219, 9-17.	0.7	12
46	Effects of lignocaine blockades and kainic acid lesions in the BÄrtzinger complex on spontaneous expiratory activity and cough reflex responses in the rabbit. <i>Neuroscience Letters</i> , 2002, 332, 175-179.	1.0	11
47	Respiratory responses to thyrotropin-releasing hormone microinjected into the rabbit medulla oblongata. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 277, R1331-R1338.	0.9	10
48	Inhibitory control of ascending glutamatergic projections to the lamprey respiratory rhythm generator. <i>Neuroscience</i> , 2016, 326, 126-140.	1.1	9
49	Inhibitory modulation of the cough reflex by acetylcholine in the caudal nucleus tractus solitarii of the rabbit. <i>Respiratory Physiology and Neurobiology</i> , 2018, 257, 93-99.	0.7	8
50	Gastric relaxation in response to chemical stimulation of the area postrema in the rabbit. <i>Brain Research</i> , 1994, 646, 307-311.	1.1	7
51	Key role of 5-HT_{1A} receptors in the modulation of the neuronal network underlying the respiratory rhythm generation in lampreys. <i>European Journal of Neuroscience</i> , 2020, 52, 3903-3917.	1.2	7
52	Effects of central chemical drive on poststimulatory respiratory depression of laryngeal origin in the adult cat. <i>Brain Research Bulletin</i> , 1996, 39, 267-273.	1.4	6
53	The lamprey respiratory network: Some evolutionary aspects. <i>Respiratory Physiology and Neurobiology</i> , 2021, 294, 103766.	0.7	2
54	Respiratory Role of Ionotropic Glutamate Receptors in the Rostral Ventral Respiratory Group of the Rabbit. <i>Advances in Experimental Medicine and Biology</i> , 2004, 551, 177-182.	0.8	1

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55	Neural mechanisms underlying respiratory regulation within the preBötzing complex of the rabbit. <i>Respiratory Physiology and Neurobiology</i> , 2021, 293, 103736.	0.7	1
56	Physiology of the Cough Reflex: Sensory and Mechanical Features. , 2020, , 3-21.		1
57	Brainstem Structures Involved in the Generation of Reflex Cough. , 2020, , 45-72.		0