

Brendan J Canning

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9190912/publications.pdf>

Version: 2024-02-01

96
papers

5,946
citations

76196

40
h-index

74018

75
g-index

112
all docs

112
docs citations

112
times ranked

3822
citing authors

#	ARTICLE	IF	CITATIONS
1	Cough hypersensitivity and chronic cough. <i>Nature Reviews Disease Primers</i> , 2022, 8, .	18.1	80
2	Antitussive effects of NaV 1.7 blockade in Guinea pigs. <i>European Journal of Pharmacology</i> , 2021, 907, 174192.	1.7	6
3	Evidence for alpha7 nicotinic receptor activation during the cough suppressing effects induced by nicotine and identification of ATA-101 as a potential novel therapy for the treatment of chronic cough. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, , JPET-AR-2021-000641.	1.3	5
4	Tracheal brush cells release acetylcholine in response to bitter tastants for paracrine and autocrine signaling. <i>FASEB Journal</i> , 2020, 34, 316-332.	0.2	41
5	Acute activation of bronchopulmonary vagal nociceptors by type I interferons. <i>Journal of Physiology</i> , 2020, 598, 5541-5554.	1.3	24
6	P2X3-Receptor Antagonists as Potential Antitussives: Summary of Current Clinical Trials in Chronic Cough. <i>Lung</i> , 2020, 198, 609-616.	1.4	34
7	Is There (Will There Be) a Post-COVID-19 Chronic Cough?. <i>Lung</i> , 2020, 198, 863-865.	1.4	22
8	Life-Threatening and Non-Life-Threatening Complications Associated With Coughing. <i>Chest</i> , 2020, 158, 2058-2073.	0.4	22
9	Back to the future: re-establishing guinea pig <i>in vivo</i> asthma models. <i>Clinical Science</i> , 2020, 134, 1219-1242.	1.8	26
10	Nicotinic receptor dependent regulation of cough and other airway defensive reflexes. <i>Pulmonary Pharmacology and Therapeutics</i> , 2019, 58, 101810.	1.1	11
11	Mrgprs on vagal sensory neurons contribute to bronchoconstriction and airway hyper-responsiveness. <i>Nature Neuroscience</i> , 2018, 21, 324-328.	7.1	46
12	Evidence for autocrine and paracrine regulation of allergen-induced mast cell mediator release in the guinea pig airways. <i>European Journal of Pharmacology</i> , 2018, 822, 108-118.	1.7	8
13	Opposing effects of bronchopulmonary C-fiber subtypes on cough in guinea pigs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R489-R498.	0.9	36
14	Control of Neurotransmission by NaV1.7 in Human, Guinea Pig, and Mouse Airway Parasympathetic Nerves. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 172-180.	1.3	23
15	Central inhibition of initiation of swallowing by systemic administration of diazepam and baclofen in anaesthetized rats. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G498-G507.	1.6	15
16	Pharmacology of Bradykinin-Evoked Coughing in Guinea Pigs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 357, 620-628.	1.3	35
17	Treatment of Unexplained Chronic Cough. <i>Chest</i> , 2016, 149, 27-44.	0.4	263
18	Targeting the GABAB Receptors for the Treatment of Gastroesophageal Reflux Disease and Chronic Cough. , 2016, , 309-336.		1

#	ARTICLE	IF	CITATIONS
19	Parainfluenza 3-Induced Cough Hypersensitivity in the Guinea Pig Airways. PLoS ONE, 2016, 11, e0155526.	1.1	35
20	Assessment of Intervention Fidelity and Recommendations for Researchers Conducting Studies on the Diagnosis and Treatment of Chronic Cough in the Adult. Chest, 2015, 148, 32-54.	0.4	46
21	Effect of Memantine on Cough Reflex Sensitivity: Translational Studies in Guinea Pigs and Humans. Journal of Pharmacology and Experimental Therapeutics, 2015, 352, 448-454.	1.3	15
22	Morphologic Characterization of Nerves in Whole-Mount Airway Biopsies. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 30-39.	2.5	67
23	Regulation of cough by neuronal Na ⁺ /K ⁺ ATPases. Current Opinion in Pharmacology, 2015, 22, 140-145.	1.7	3
24	Eight International London Cough Symposium 2014: Cough hypersensitivity syndrome as the basis for chronic cough. Pulmonary Pharmacology and Therapeutics, 2015, 35, 76-80.	1.1	15
25	NMDA receptors and Nitric Oxide Synthase Regulate Encoding of Cough in the nTS. FASEB Journal, 2015, 29, 1012.9.	0.2	0
26	A worldwide survey of chronic cough: a manifestation of enhanced somatosensory response. European Respiratory Journal, 2014, 44, 1149-1155.	3.1	202
27	Anatomy and Neurophysiology of Cough. Chest, 2014, 146, 1633-1648.	0.4	227
28	Methodologies for the Development of the Management of Cough. Chest, 2014, 146, 1395-1402.	0.4	29
29	Overview of the Management of Cough. Chest, 2014, 146, 885-889.	0.4	86
30	Neuronal Control of Airway Function in Allergy. , 2014, , 378-388.		0
31	Autonomic neural control of the airways. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 117, 215-228.	1.0	30
32	Laryngeal and tracheal afferent nerve stimulation evokes swallowing in anaesthetized guinea pigs. Journal of Physiology, 2013, 591, 4667-4679.	1.3	37
33	The Seventh International Symposium on Cough: Hypertussivity and allotussivity. Pulmonary Pharmacology and Therapeutics, 2013, 26, 475.	1.1	3
34	Selective inhibition of vagal afferent nerve pathways regulating cough using Nav 1.7 shRNA silencing in guinea pig nodose ganglia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R1017-R1023.	0.9	43
35	Evidence for swallowing reflexes evoked by acid and mechanical stimulation of the vagal afferent nerves innervating the larynx in anesthetized guinea pigs. FASEB Journal, 2013, 27, 1157.8.	0.2	0
36	Neuronal Modulation of Airway and Vascular Tone and Their Influence on Nonspecific Airways Responsiveness in Asthma. Journal of Allergy, 2012, 2012, 1-7.	0.7	24

#	ARTICLE	IF	CITATIONS
37	Antitussive Effects of Memantine in Guinea Pigs. <i>Chest</i> , 2012, 141, 996-1002.	0.4	31
38	Antitussive effects of the peripherally restricted GABAB receptor agonist lesogaberan in guinea pigs: Comparison to baclofen and other GABAB receptor-selective agonists. <i>Cough</i> , 2012, 8, 7.	2.7	21
39	Cough and dyspneaâ€”taking your breath away!. <i>Current Opinion in Pharmacology</i> , 2011, 11, 193-194.	1.7	2
40	Functional implications of the multiple afferent pathways regulating cough. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011, 24, 295-299.	1.1	44
41	Selective silencing of Na ^v 1.7 decreases excitability and conduction in vagal sensory neurons. <i>Journal of Physiology</i> , 2011, 589, 5663-5676.	1.3	78
42	Cholinergic chemosensory cells in the trachea regulate breathing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9478-9483.	3.3	233
43	Bronchodilator activity of bitter tastants in human tissue. <i>Nature Medicine</i> , 2011, 17, 776-776.	15.2	35
44	Encoding of the cough reflex in anesthetized guinea pigs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 300, R369-R377.	0.9	74
45	Coughing Precipitated by <i>Bordetella pertussis</i> Infection. <i>Lung</i> , 2010, 188, 73-79.	1.4	28
46	MECHANISMS OF BRADYKININ EVOKED COUGH. , 2010, , .		0
47	An essential component to brainstem cough gating identified in anesthetized guinea pigs. <i>FASEB Journal</i> , 2010, 24, 3916-3926.	0.2	63
48	Sympathetic nerve-dependent regulation of mucosal vascular tone modifies airway smooth muscle reactivity. <i>Journal of Applied Physiology</i> , 2010, 109, 1292-1300.	1.2	21
49	Afferent Nerves Regulating the Cough Reflex: Mechanisms and Mediators of Cough in Disease. <i>Otolaryngologic Clinics of North America</i> , 2010, 43, 15-25.	0.5	77
50	Selective Expression of a Sodium Pump Isozyme by Cough Receptors and Evidence for Its Essential Role in Regulating Cough. <i>Journal of Neuroscience</i> , 2009, 29, 13662-13671.	1.7	84
51	Central regulation of the cough reflex: Therapeutic implications. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009, 22, 75-81.	1.1	83
52	The Cough Reflex in Animals: Relevance to Human Cough Research. <i>Lung</i> , 2008, 186, 23-28.	1.4	37
53	Inhibition of FcÎµRI-dependent mediator release and calcium flux from human mast cells by sialic acidâ€”binding immunoglobulin-like lectin 8 engagement. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 499-505.e1.	1.5	144
54	Using guinea pigs in studies relevant to asthma and COPD. <i>Pulmonary Pharmacology and Therapeutics</i> , 2008, 21, 702-720.	1.1	87

#	ARTICLE	IF	CITATIONS
55	Animal models of asthma and chronic obstructive pulmonary disease. <i>Pulmonary Pharmacology and Therapeutics</i> , 2008, 21, 695.	1.1	17
56	Differential effects of airway afferent nerve subtypes on cough and respiration in anesthetized guinea pigs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1572-R1584.	0.9	73
57	Encoding of the cough reflex. <i>Pulmonary Pharmacology and Therapeutics</i> , 2007, 20, 396-401.	1.1	61
58	Vagal afferent nerves regulating the cough reflex. <i>Respiratory Physiology and Neurobiology</i> , 2006, 152, 223-242.	0.7	207
59	Anatomy and Neurophysiology of the Cough Reflex. <i>Chest</i> , 2006, 129, 33S-47S.	0.4	140
60	Correlation of Vasoactive Intestinal Peptide and Nitric Oxide Synthase with Choline Acetyltransferase in the Airway Innervation. <i>Annals of the New York Academy of Sciences</i> , 2006, 805, 717-722.	1.8	47
61	Reflex regulation of airway sympathetic nerves in guinea-pigs. <i>Journal of Physiology</i> , 2006, 573, 549-564.	1.3	57
62	Fluorescent styryl dyes FM1-43 and FM2-10 are muscarinic receptor antagonists: intravital visualization of receptor occupancy. <i>Journal of Physiology</i> , 2006, 575, 23-35.	1.3	15
63	Neurokinin3 receptor regulation of the airways. <i>Vascular Pharmacology</i> , 2006, 45, 227-234.	1.0	16
64	Diagnosis and Management of Cough Executive Summary. <i>Chest</i> , 2006, 129, 1S-23S.	0.4	677
65	Mechanistic studies of acid-evoked coughing in anesthetized guinea pigs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R454-R463.	0.9	82
66	Reflex regulation of airway smooth muscle tone. <i>Journal of Applied Physiology</i> , 2006, 101, 971-985.	1.2	203
67	Synergistic interactions between airway afferent nerve subtypes regulating the cough reflex in guinea-pigs. <i>Journal of Physiology</i> , 2005, 569, 559-573.	1.3	180
68	Gastroesophageal Reflux Disease in Children with Asthma. <i>Paediatric Drugs</i> , 2005, 7, 177-186.	1.3	19
69	Reflexes Initiated by Activation of the Vagal Afferent Nerves Innervating the Airways and Lungs. <i>Frontiers in Neuroscience</i> , 2005, , 403-430.	0.0	4
70	Afferent Pathways Regulating the Cough Reflex. <i>Lung Biology in Health and Disease</i> , 2005, , 25-48.	0.1	0
71	Identification of the tracheal and laryngeal afferent neurones mediating cough in anaesthetized guinea-pigs. <i>Journal of Physiology</i> , 2004, 557, 543-558.	1.3	354
72	Reflex mechanisms in gastroesophageal reflux disease and asthma. <i>American Journal of Medicine</i> , 2003, 115, 45-48.	0.6	79

#	ARTICLE	IF	CITATIONS
73	Modeling asthma and COPD in animals: a pointless exercise?. <i>Current Opinion in Pharmacology</i> , 2003, 3, 244-250.	1.7	53
74	Endogenous neurokinins facilitate synaptic transmission in guinea pig airway parasympathetic ganglia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 283, R320-R330.	0.9	55
75	Evidence for Differential Reflex Regulation of Cholinergic and Noncholinergic Parasympathetic Nerves Innervating the Airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 165, 1076-1083.	2.5	59
76	Nitric Oxide-dependent Modulation of Smooth-Muscle Tone by Airway Parasympathetic Nerves. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 165, 481-488.	2.5	36
77	Interactions between Vagal Afferent Nerve Subtypes Mediating Cough. <i>Pulmonary Pharmacology and Therapeutics</i> , 2002, 15, 187-192.	1.1	46
78	Overview of Animal Models of Asthma. <i>Current Protocols in Pharmacology</i> , 2002, 16, Unit 5.25.	4.0	2
79	Central nervous system control of the airways: pharmacological implications. <i>Current Opinion in Pharmacology</i> , 2002, 2, 220-228.	1.7	68
80	An in vivo guinea pig preparation for studying the autonomic regulation of airway smooth muscle tone. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002, 99, 91-101.	1.4	22
81	Synergistic interactions between airway afferent nerve subtypes mediating reflex bronchospasm in guinea pigs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 283, R86-R98.	0.9	110
82	Neurology of allergic inflammation and rhinitis. <i>Current Allergy and Asthma Reports</i> , 2002, 2, 210-215.	2.4	41
83	Role of nerves in asthmatic inflammation and potential influence of gastroesophageal reflux disease. <i>American Journal of Medicine</i> , 2001, 111, 13-17.	0.6	19
84	Innervation of the airways: introduction. <i>Respiration Physiology</i> , 2001, 125, 1-2.	2.8	11
85	Neural regulation of airway smooth muscle tone. <i>Respiration Physiology</i> , 2001, 125, 113-127.	2.8	170
86	Multiple mechanisms of reflex bronchospasm in guinea pigs. <i>Journal of Applied Physiology</i> , 2001, 91, 2642-2653.	1.2	70
87	Regulation of baseline cholinergic tone in guinea-pig airway smooth muscle. <i>Journal of Physiology</i> , 1999, 518, 843-855.	1.3	72
88	Nicotinic Acetylcholine Receptor Assays. <i>Current Protocols in Pharmacology</i> , 1999, 4, Unit 4.12.	4.0	0
89	Inflammation in Asthma. , 1999, , 19-54.		5
90	Evidence for an esophageal origin of VIP-IR and NO synthase-IR nerves innervating the guinea pig trachealis: A retrograde neuronal tracing and immunohistochemical analysis. , 1998, 394, 326-334.		52

#	ARTICLE	IF	CITATIONS
91	Localization of Heme Oxygenase-2 Immunoreactivity to Parasympathetic Ganglia of Human and Guinea-pig Airways. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1998, 18, 279-285.	1.4	26
92	The Effects of Ozone on Immune Function. <i>Environmental Health Perspectives</i> , 1995, 103, 77.	2.8	22
93	Parasympathetic Innervation of Airways Smooth Muscle. , 1994, , 43-78.		7
94	Selective agents for muscarinic receptors linked to phosphoinositide breakdown. <i>European Journal of Pharmacology</i> , 1988, 154, 161-167.	1.7	15
95	Adenosine receptor-mediated contraction and relaxation of guinea-pig isolated tracheal smooth muscle: effects of adenosine antagonists. <i>British Journal of Pharmacology</i> , 1988, 95, 371-378.	2.7	46
96	Sensory Pathways for the Cough Reflex. , 0, , 159-172.		6