Stuart B Mazzone

List of Publications by Year
in descending order

140 papers	7,094 citations	53660 45 h-index	66788 78 g-index
143 all docs	143 docs citations	143 times ranked	4489 citing authors

#	Article	IF	Citations
1	Cough hypersensitivity and chronic cough. Nature Reviews Disease Primers, 2022, 8, .	18.1	80
2	Mechanisms and Rationale for Targeted Therapies in Refractory and Unexplained Chronic Cough. Clinical Pharmacology and Therapeutics, 2021, 109, 619-636.	2.3	56
3	Behavioral and Regional Brain Responses to Inhalation of Capsaicin Modified by Painful Conditioning in Humans. Chest, 2021, 159, 1136-1146.	0.4	11
4	Forebrain projection neurons target functionally diverse respiratory control areas in the midbrain, pons, and medulla oblongata. Journal of Comparative Neurology, 2021, 529, 2243-2264.	0.9	18
5	Global Physiology and Pathophysiology of Cough. Chest, 2021, 159, 282-293.	0.4	30
6	Mini Review: Central Organization of Airway Afferent Nerve Circuits. Neuroscience Letters, 2021, 744, 135604.	1.0	10
7	The impact of influenza pulmonary infection and inflammation on vagal bronchopulmonary sensory neurons. FASEB Journal, 2021, 35, e21320.	0.2	14
8	Global Physiology and Pathophysiology ofÂCough. Chest, 2021, 160, 1413-1423.	0.4	5
9	Reciprocal connectivity of the periaqueductal gray with the ponto-medullary respiratory network in rat. Brain Research, 2021, 1757, 147255.	1.1	8
10	Confronting COVID-19-associated cough and the post-COVID syndrome: role of viral neurotropism, neuroinflammation, and neuroimmune responses. Lancet Respiratory Medicine,the, 2021, 9, 533-544.	5.2	190
11	Jugular vagal ganglia neurons and airway nociception: A target for treating chronic cough. International Journal of Biochemistry and Cell Biology, 2021, 135, 105981.	1.2	5
12	Piezo2 Knockdown Inhibits Noxious Mechanical Stimulation and NGF-Induced Sensitization in A-Delta Bone Afferent Neurons. Frontiers in Physiology, 2021, 12, 644929.	1.3	23
13	Modulation of Vagal Sensory Neurons via High Mobility Group Box-1 and Receptor for Advanced Glycation End Products: Implications for Respiratory Viral Infections. Frontiers in Physiology, 2021, 12, 744812.	1.3	5
14	Transcriptional Profiling of Individual Airway Projecting Vagal Sensory Neurons. Molecular Neurobiology, 2020, 57, 949-963.	1.9	51
15	Evidence for multiple bulbar and higher brain circuits processing sensory inputs from the respiratory system in humans. Journal of Physiology, 2020, 598, 5771-5787.	1.3	18
16	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscleÂremodelling. PLoS Pathogens, 2020, 16, e1008651.	2.1	31
17	Peripheral and central mechanisms of cough hypersensitivity. Journal of Thoracic Disease, 2020, 12, 5179-5193.	0.6	20
18	Descending Modulation of Laryngeal Vagal Sensory Processing in the Brainstem Orchestrated by the Submedius Thalamic Nucleus. Journal of Neuroscience, 2020, 40, 9426-9439.	1.7	6

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19	Perspectives on neuroinflammation contributing to chronic cough. European Respiratory Journal, 2020, 56, 2000758.	3.1	4
20	Local D2- to D1-neuron transmodulation updates goal-directed learning in the striatum. Science, 2020, 367, 549-555.	6.0	59
21	A role for neurokinin 1 receptor expressing neurons in the paratrigeminal nucleus in bradykininâ€evoked cough in guineaâ€pigs. Journal of Physiology, 2020, 598, 2257-2275.	1.3	18
22	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling. , 2020, 16, e1008651.		0
23	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling. , 2020, 16, e1008651.		0
24	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling. , 2020, 16, e1008651.		0
25	HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling. , 2020, 16, e1008651.		0
26	Altered neural activity in brain cough suppression networks in cigarette smokers. European Respiratory Journal, 2019, 54, 1900362.	3.1	16
27	Progress in cough hypersensitivity at the Tenth London International Cough Symposium 2018 (10th) Tj ETQq1 1 0.784314 rgBT /Ove	1.1	1
28	Are neural pathways processing airway inputs sensitized in patients with cough hypersensitivity?. Pulmonary Pharmacology and Therapeutics, 2019, 57, 101806.	1.1	11
29	Chronic cough: a disorder of response inhibition?. European Respiratory Journal, 2019, 53, 1900254.	3.1	7
30	Heterogeneity of cough neurobiology: Clinical implications. Pulmonary Pharmacology and Therapeutics, 2019, 55, 62-66.	1.1	30
31	An arterially perfused brainstem preparation of guinea pig to study central mechanisms of airway defense. Journal of Neuroscience Methods, 2019, 317, 49-60.	1.3	3
32	Regional brain stem activations during capsaicin inhalation using functional magnetic resonance imaging in humans. Journal of Neurophysiology, 2019, 121, 1171-1182.	0.9	14
33	Clinically Diagnosing Pertussis-associated Cough in Adults and Children. Chest, 2019, 155, 147-154.	0.4	27
34	Adult Outpatients With Acute Cough Due to Suspected Pneumonia or Influenza. Chest, 2019, 155, 155-167.	0.4	23
35	Modelling ischemia-reperfusion injury (IRI) in vitro using metabolically matured induced pluripotent stem cell-derived cardiomyocytes. APL Bioengineering, 2018, 2, 026102.	3.3	31
36	Plasmacytoid dendritic cells protect from viral bronchiolitis and asthma through semaphorin 4aâ€“mediated T reg expansion. Journal of Experimental Medicine, 2018, 215, 537-557.	4.2	65

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37	Chronic Cough Related to Acute Viral Bronchiolitis in Children. Chest, 2018, 154, 378-382.	0.4	7
38	Hippocampal modulation of cardiorespiratory function. Respiratory Physiology and Neurobiology, 2018, 252-253, 18-27.	0.7	13
39	Treating Cough Due to Non-CF and CF Bronchiectasis With Nonpharmacological Airway Clearance. Chest, 2018, 153, 986-993.	0.4	16
40	Cough Due to TB and Other Chronic Infections. Chest, 2018, 153, 467-497.	0.4	36
41	Cholinergic basal forebrain neurons regulate fear extinction consolidation through p75 neurotrophin receptor signaling. Translational Psychiatry, 2018, 8, 199.	2.4	15
42	Translational review: Neuroimmune mechanisms in cough and emerging therapeutic targets. Journal of Allergy and Clinical Immunology, 2018, 142, 1392-1402.	1.5	38
43	Treatment of Interstitial Lung Disease Associated Cough. Chest, 2018, 154, 904-917.	0.4	50
44	Reflex regulation of breathing by the paratrigeminal nucleus via multiple bulbar circuits. Brain Structure and Function, 2018, 223, 4005-4022.	1.2	18
45	The heterogeneity of chronic cough: a case for endotypes of cough hypersensitivity. Lancet Respiratory Medicine,the, 2018, 6, 636-646.	5.2	64
46	Classification of Cough as a Symptom in Adults and Management Algorithms. Chest, 2018, 153, 196-209.	0.4	281
47	Symptomatic Treatment of Cough Among Adult Patients With Lung Cancer. Chest, 2017, 151, 861-874.	0.4	50
48	Central mechanisms of airway sensation and cough hypersensitivity. Pulmonary Pharmacology and Therapeutics, 2017, 47, 9-15.	1.1	53
49	Etiologies of Chronic Cough in Pediatric Cohorts. Chest, 2017, 152, 607-617.	0.4	63
50	Translating Cough Mechanisms Into Better Cough Suppressants. Chest, 2017, 152, 833-841.	0.4	41
51	Cough in Ambulatory Immunocompromised Adults. Chest, 2017, 152, 1038-1042.	0.4	5
52	Pharmacologic and Nonpharmacologic Treatment for Acute Cough Associated With the Common Cold. Chest, 2017, 152, 1021-1037.	0.4	59
53	Old drug, new tricks: reducing cough in IPF. Lancet Respiratory Medicine,the, 2017, 5, 766-767.	5.2	1
54	A neuroanatomical framework for the central modulation of respiratory sensory processing and cough by the periaqueductal grey. Journal of Thoracic Disease, 2017, 9, 4098-4107.	0.6	17

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55	RAGE deficiency predisposes mice to virus-induced paucigranulocytic asthma. ELife, 2017, 6, .	2.8	24
56	Neural correlates of cough hypersensitivity in humans: evidence for central sensitisation and dysfunctional inhibitory control. Thorax, 2016, 71, 323-329.	2.7	140
57	Pharmacology of Bradykinin-Evoked Coughing in Guinea Pigs. Journal of Pharmacology and Experimental Therapeutics, 2016, 357, 620-628.	1.3	35
58	Chronic Cough Due to Gastroesophageal Reflux in Adults. Chest, 2016, 150, 1341-1360.	0.4	158
59	Occupational and Environmental Contributions to Chronic Cough in Adults. Chest, 2016, 150, 894-907.	0.4	26
60	Chronic cough and cough hypersensitivity syndrome. Lancet Respiratory Medicine,the, 2016, 4, 934-935.	5.2	31
61	Vagal Afferent Innervation of the Airways in Health and Disease. Physiological Reviews, 2016, 96, 975-1024.	13.1	365
62	Aeroallergen-induced IL-33 predisposes to respiratory virusâ€“induced asthma by dampening antiviral immunity. Journal of Allergy and Clinical Immunology, 2016, 138, 1326-1337.	1.5	87
63	A Cough Is a Cough, Is It Not? Neurophenotypes Define Patients with Chronic Cough. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1324-1326.	2.5	2
64	Treatment of Unexplained Chronic Cough. Chest, 2016, 149, 27-44.	0.4	263
65	Multiple neural circuits mediating airway sensations: Recent advances in the neurobiology of the urge-to-cough. Respiratory Physiology and Neurobiology, 2016, 226, 115-120.	0.7	46
66	The Role of the Paratrigeminal Nucleus in Vagal Afferent Evoked Respiratory Reflexes: A Neuroanatomical and Functional Study in Guinea Pigs. Frontiers in Physiology, 2015, 6, 378.	1.3	43
67	Distinct Brainstem and Forebrain Circuits Receiving Tracheal Sensory Neuron Inputs Revealed Using a Novel Conditional Anterograde Transsynaptic Viral Tracing System. Journal of Neuroscience, 2015, 35, 7041-7055.	1.7	94
68	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
69	Endogenous central suppressive mechanisms regulating cough as potential targets for novel antitussive therapies. Current Opinion in Pharmacology, 2015, 22, 1-8.	1.7	17
70	Evidence for multiple sensory circuits in the brain arising from the respiratory system: an anterograde viral tract tracing study in rodents. Brain Structure and Function, 2015, 220, 3683-3699.	1.2	66
71	Neural dysfunction following respiratory viral infection as a cause of chronic cough hypersensitivity. Pulmonary Pharmacology and Therapeutics, 2015, 33, 52-56.	1.1	33
72	Regulatory T Cells Prevent Inducible BALT Formation by Dampening Neutrophilic Inflammation. Journal of Immunology, 2015, 194, 4567-4576.	0.4	38

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73	Isolation of Contractile Cardiomyocytes from Human Pluripotent Stem-Cell-Derived Cardiomyogenic Cultures Using a HumanNCX1-EGFPReporter. Stem Cells and Development, 2015, 24, 11-20.	1.1	16
74	Guinea Pig Models of Asthma. Current Protocols in Pharmacology, 2014, 67, Unit 5.26.1-38.	4.0	1
75	Dynamics of male pelvic floor muscle contraction observed with transperineal ultrasound imaging differ between voluntary and evoked coughs. Journal of Applied Physiology, 2014, 116, 953-960.	1.2	18
76	Neural regulation of inflammation in the airways and lungs. Autonomic Neuroscience: Basic and Clinical, 2014, 182, 95-101.	1.4	40
77	A worldwide survey of chronic cough: a manifestation of enhanced somatosensory response. European Respiratory Journal, 2014, 44, 1149-1155.	3.1	202
78	Sensations and regional brain responses evoked by tussive stimulation of the airways. Respiratory Physiology and Neurobiology, 2014, 204, 58-63.	0.7	12
79	Cough-related neural processing in the brain: A roadmap for cough dysfunction?. Neuroscience and Biobehavioral Reviews, 2014, 47, 457-468.	2.9	34
80	The effect of hyperpolarizationâ€activated cyclic nucleotideâ€gated ion channel inhibitors on the vagal control of guinea pig airway smooth muscle tone. British Journal of Pharmacology, 2014, 171, 3633-3650.	2.7	8
81	Functionally connected brain regions in the network activated during capsaicin inhalation. Human Brain Mapping, 2014, 35, 5341-5355.	1.9	20
82	Anatomy and Neurophysiology of Cough. Chest, 2014, 146, 1633-1648.	0.4	227
83	The plasmacytoid dendritic cell: at the cross-roads in asthma. European Respiratory Journal, 2014, 43, 264-275.	3.1	54
84	Afferent neural pathways mediating cough in animals and humans. Journal of Thoracic Disease, 2014, 6, S712-9.	0.6	15
85	Sensorimotor circuitry involved in the higher brain control of coughing. Cough, 2013, 9, 7.	2.7	62
86	Absence of Tollâ€“IL-1 Receptor 8/Single Immunoglobulin IL-1 Receptorâ€“Related Molecule Reduces House Dust Miteâ€“Induced Allergic Airway Inflammation in Mice. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 481-490.	1.4	23
87	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
88	Chronic cough as a neuropathic disorder. Lancet Respiratory Medicine,the, 2013, 1, 414-422.	5.2	189
89	Brain Activity Associated with Placebo Suppression of the Urge-to-Cough in Humans. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1069-1075.	2.5	64
90	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

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91	The Effect of Placebo Conditioning on Capsaicin-Evoked Urge to Cough. Chest, 2012, 142, 951-957.	0.4	41
92	Transneuronal tracing of airways-related sensory circuitry using herpes simplex virus 1, strain H129. Neuroscience, 2012, 207, 148-166.	1.1	77
93	Neural correlates coding stimulus level and perception of capsaicin-evoked urge-to-cough in humans. NeuroImage, 2012, 61, 1324-1335.	2.1	68
94	Anterograde neuronal circuit tracing using a genetically modified herpes simplex virus expressing EGFP. Journal of Neuroscience Methods, 2012, 209, 158-167.	1.3	62
95	Central nervous system control of cough: pharmacological implications. Current Opinion in Pharmacology, 2011, 11, 265-271.	1.7	16
96	Investigation of the Neural Control of Cough and Cough Suppression in Humans Using Functional Brain Imaging. Journal of Neuroscience, 2011, 31, 2948-2958.	1.7	154
97	Effects of Systemic Capsaicin Treatment on TRPV1 and Tachykinin NK₁ Receptor Distribution and Function in the Nucleus of the Solitary Tract of the Adult Rat. Pharmacology, 2011, 87, 214-223.	0.9	8
98	Transneuronal tracing of airways related sensory circuitry using Herpes Simplex Virus 1, strain H129. FASEB Journal, 2011, 25, 1077.13.	0.2	1
99	Characterization of the Vagal Motor Neurons Projecting to the Guinea Pig Airways and Esophagus. Frontiers in Neurology, 2010, 1, 153.	1.1	32
100	CICADA: Cough in Children and Adults: Diagnosis and Assessment. Australian Cough Guidelines summary statement. Medical Journal of Australia, 2010, 192, 265-271.	0.8	136
101	Innervation of tracheal parasympathetic ganglia by esophageal cholinergic neurons: evidence from anatomic and functional studies in guinea pigs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L404-L416.	1.3	20
102	Sympathetic nerve-dependent regulation of mucosal vascular tone modifies airway smooth muscle reactivity. Journal of Applied Physiology, 2010, 109, 1292-1300.	1.2	21
103	Selective Expression of a Sodium Pump Isozyme by Cough Receptors and Evidence for Its Essential Role in Regulating Cough. Journal of Neuroscience, 2009, 29, 13662-13671.	1.7	84
104	Mapping supramedullary pathways involved in cough using functional brain imaging: Comparison with pain. Pulmonary Pharmacology and Therapeutics, 2009, 22, 90-96.	1.1	46
105	Cough Sensors. V. Pharmacological Modulation of Cough Sensors. Handbook of Experimental Pharmacology, 2009, , 99-127.	0.9	39
106	Immunohistochemical characterization of nodose cough receptor neurons projecting to the trachea of guinea pigs. Cough, 2008, 4, 9.	2.7	43
107	Representation of Capsaicin-evoked Urge-to-Cough in the Human Brain Using Functional Magnetic Resonance Imaging. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 327-332.	2.5	166
108	SENSORY NEURAL TARGETS FOR THE TREATMENT OF COUGH. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 955-962.	0.9	14

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109	Vagal afferent nerves regulating the cough reflex. Respiratory Physiology and Neurobiology, 2006, 152, 223-242.	0.7	207
110	Na+-K+-2Clâ^' cotransporters and Clâ^' channels regulate citric acid cough in guinea pigs. Journal of Applied Physiology, 2006, 101, 635-643.	1.2	49
111	Reflex regulation of airway sympathetic nerves in guinea-pigs. Journal of Physiology, 2006, 573, 549-564.	1.3	57
112	Fluorescent styryl dyes FM1-43 and FM2-10 are muscarinic receptor antagonists: intravital visualization of receptor occupancy. Journal of Physiology, 2006, 575, 23-35.	1.3	15
113	Synergistic interactions between airway afferent nerve subtypes regulating the cough reflex in guinea-pigs. Journal of Physiology, 2005, 569, 559-573.	1.3	180
114	An overview of the sensory receptors regulating cough. , 2005, 1, 2.		120
115	Reflexes Initiated by Activation of the Vagal Afferent Nerves Innervating the Airways and Lungs. Frontiers in Neuroscience, 2005, , 403-430.	0.0	4
116	Afferent Pathways Regulating the Cough Reflex. Lung Biology in Health and Disease, 2005, , 25-48.	0.1	0
117	Identification of the tracheal and laryngeal afferent neurones mediating cough in anaesthetized guinea-pigs. Journal of Physiology, 2004, 557, 543-558.	1.3	354
118	Targeting Tachykinins for the Treatment of Obstructive Airways Disease. Treatments in Respiratory Medicine, 2004, 3, 201-216.	1.4	15
119	Sensory regulation of the cough reflex. Pulmonary Pharmacology and Therapeutics, 2004, 17, 361-368.	1.1	75
120	Tachykinin NK3 Receptor Antagonists. Handbook of Experimental Pharmacology, 2004, , 245-271.	0.9	3
121	Tachykinin receptor (NK1, NK2, NK3) binding sites in the rat caudal brainstem following neonatal capsaicin administration. Brain Research, 2003, 979, 230-234.	1.1	7
122	Reflex mechanisms in gastroesophageal reflux disease and asthma. American Journal of Medicine, 2003, 115, 45-48.	0.6	79
123	Evidence for Differential Reflex Regulation of Cholinergic and Noncholinergic Parasympathetic Nerves Innervating the Airways. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 1076-1083.	2.5	59
124	Nitric Oxideâ€"dependent Modulation of Smooth-Muscle Tone by Airway Parasympathetic Nerves. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 481-488.	2.5	36
125	Guinea Pig Models of Asthma. Current Protocols in Pharmacology, 2002, 16, Unit 5.26.	4.0	0
126	Central nervous system control of the airways: pharmacological implications. Current Opinion in Pharmacology, 2002, 2, 220-228.	1.7	68

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127	An in vivo guinea pig preparation for studying the autonomic regulation of airway smooth muscle tone. Autonomic Neuroscience: Basic and Clinical, 2002, 99, 91-101.	1.4	22
128	Synergistic interactions between airway afferent nerve subtypes mediating reflex bronchospasm in guinea pigs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 283, R86-R98.	0.9	110
129	Respiratory actions of vanilloid receptor agonists in the nucleus of the solitary tract: comparison of resiniferatoxin with non-pungent agents and anandamide. British Journal of Pharmacology, 2002, 137, 919-927.	2.7	19
130	Multiple mechanisms of reflex bronchospasm in guinea pigs. Journal of Applied Physiology, 2001, 91, 2642-2653.	1.2	70
131	Characterization And Regulation Of Tachykinin Receptors In The Nucleus Tractus Solitarius. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 939-942.	0.9	18
132	Respiratory actions of tachykinins in the nucleus of the solitary tract: characterization of receptors using selective agonists and antagonists. British Journal of Pharmacology, 2000, 129, 1121-1131.	2.7	56
133	Respiratory actions of tachykinins in the nucleus of the solitary tract: effect of neonatal capsaicin pretreatment. British Journal of Pharmacology, 2000, 129, 1132-1139.	2.7	18
134	Altered respiratory response to substance P and reduced NK1 receptor binding in the nucleus of the solitary tract of aged rats. Brain Research, 1999, 826, 139-142.	1.1	16
135	Respiratory action of capsaicin microinjected into the nucleus of the solitary tract: involvement of vanilloid and tachykinin receptors. British Journal of Pharmacology, 1999, 127, 473-481.	2.7	59
136	Autoradiographic localisation of substance P (NK1) receptors in human primary visual cortex. Brain Research, 1998, 794, 309-312.	1.1	9
137	Hypoxia attenuates the respiratory response to injection of substance P into the nucleus of the solitary tract of the rat. Neuroscience Letters, 1998, 256, 9-12.	1.0	20
138	Substance P receptors in brain stem respiratory centers of the rat: regulation of NK1 receptors by hypoxia. Journal of Pharmacology and Experimental Therapeutics, 1997, 282, 1547-56.	1.3	39
139	Sensory Pathways for the Cough Reflex. , 0, , 159-172.		6
140	Editorial: Neural and Mechanical Mechanisms in Pulmonary Defense: What Does the Future Hold?. Frontiers in Physiology, 0, 13, .	1.3	1