

Maria G Belvisi

List of Publications by Year in Descending Order

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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.

125
papers

6,036
citations

50
h-index

73
g-index

128
ext. papers

6,845
ext. citations

8.2
avg, IF

5.65
L-index

#	Paper	IF	Citations
125	Effect of traffic-related air pollution on cough in adults with polymorphisms in several cough-related genes.. <i>Respiratory Research</i> , 2022 , 23, 113	7.3	1
124	Identification of a missense variant in SPDL1 associated with idiopathic pulmonary fibrosis. <i>Communications Biology</i> , 2021 , 4, 392	6.7	4
123	Aprepitant for Cough in Lung Cancer. A Randomized Placebo-controlled Trial and Mechanistic Insights. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 737-745	10.2	5
122	Characterisation of pharmacokinetics, safety and tolerability in a first-in-human study for AZD8154, a novel inhaled selective PI3K α inhibitor targeting airway inflammatory disease. <i>British Journal of Clinical Pharmacology</i> , 2021 ,	3.8	3
121	Rare variant contribution to human disease in 281,104 UK Biobank exomes. <i>Nature</i> , 2021 , 597, 527-532	50.4	17
120	The novel bronchodilator navafenterol: a phase 2a, multi-centre, randomised, double-blind, placebo-controlled crossover trial in COPD. <i>European Respiratory Journal</i> , 2021 ,	13.6	4
119	Advances in TRP channel drug discovery: from target validation to clinical studies. <i>Nature Reviews Drug Discovery</i> , 2021 ,	64.1	23
118	Targeting Alveolar Repair in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 65, 347-365	5.7	2
117	"Truth is ever to be found in simplicity, and not in the multiplicity and confusion of things" - Sir Isaac Newton. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	
116	Back to the future: re-establishing guinea pig in vivo asthma models. <i>Clinical Science</i> , 2020 , 134, 1219-1242	6.5	12
115	Novel airway smooth muscle-mast cell interactions and a role for the TRPV4-ATP axis in non-atopic asthma. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	17
114	Protein Phosphatase 2A Reduces Cigarette Smoke-induced Cathepsin S and Loss of Lung Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 51-62	10.2	24
113	Mechanistic link between diesel exhaust particles and respiratory reflexes. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1074-1084.e9	11.5	55
112	Modelling the asthma phenotype: impact of cigarette smoke exposure. <i>Respiratory Research</i> , 2018 , 19, 89	7.3	9
111	Modulation of the TRPV4 ion channel as a therapeutic target for disease. <i>Pharmacology & Therapeutics</i> , 2017 , 177, 9-22	13.9	50
110	Addressing unmet needs in understanding asthma mechanisms: From the European Asthma Research and Innovation Partnership (EARIP) Work Package (WP)2 collaborators. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	31
109	Characterisation of a murine model of the late asthmatic response. <i>Respiratory Research</i> , 2017 , 18, 55	7.3	4

108	Targeting fatty acid amide hydrolase as a therapeutic strategy for antitussive therapy. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	12
107	The emerging role of transient receptor potential channels in chronic lung disease. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	34
106	ATP and cough reflex hypersensitivity: a confusion of goals?. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	3
105	XEN-D0501, a Novel Transient Receptor Potential Vanilloid 1 Antagonist, Does Not Reduce Cough in Patients with Refractory Cough. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1255-1263	10.2	82
104	Cough and airway disease: The role of ion channels. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017 , 47, 21-28	3.5	58
103	CD4+ and CD8+ T cells play a central role in a HDM driven model of allergic asthma. <i>Respiratory Research</i> , 2016 , 17, 45	7.3	26
102	Transient receptor potential cation channel, subfamily V, member 4 and airway sensory afferent activation: Role of adenosine triphosphate. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 249-261.e12	11.5	75
101	Neurophenotypes in Airway Diseases. Insights from Translational Cough Studies. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 1364-72	10.2	73
100	Role of the ion channel, transient receptor potential cation channel subfamily V member 1 (TRPV1), in allergic asthma. <i>Respiratory Research</i> , 2016 , 17, 67	7.3	23
99	Role of EP2 and EP4 receptors in airway microvascular leak induced by prostaglandin E2. <i>British Journal of Pharmacology</i> , 2016 , 173, 992-1004	8.6	15
98	In vivo bioimaging with tissue-specific transcription factor activated luciferase reporters. <i>Scientific Reports</i> , 2015 , 5, 11842	4.9	36
97	JAK-STAT pathway activation in COPD. <i>European Respiratory Journal</i> , 2015 , 46, 843-5	13.6	37
96	Cough hypersensitivity syndrome: clinical measurement is the key to progress. <i>European Respiratory Journal</i> , 2015 , 45, 1509-10	13.6	22
95	Anti-inflammatory effects of PGE2 in the lung: role of the EP4 receptor subtype. <i>Thorax</i> , 2015 , 70, 740-7	7.3	70
94	Prostaglandin D2 and the role of the DP1, DP2 and TP receptors in the control of airway reflex events. <i>European Respiratory Journal</i> , 2015 , 45, 1108-18	13.6	41
93	The role of adenylyl cyclase isoform 6 in β 2-adrenoceptor signalling in murine airways. <i>British Journal of Pharmacology</i> , 2015 , 172, 131-41	8.6	4
92	The role of CRAC channel in asthma. <i>Pulmonary Pharmacology and Therapeutics</i> , 2015 , 35, 67-74	3.5	5
91	Therapeutic advances for treatment-resistant cough. <i>Lancet, The</i> , 2015 , 385, 1160-2	40	2

90	Hyperpolarized 83Kr magnetic resonance imaging of alveolar degradation in a rat model of emphysema. <i>Journal of the Royal Society Interface</i> , 2015 , 12,	4.1	5
89	DNA damage response at telomeres contributes to lung aging and chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 309, L1124-37	5.8	93
88	Human tissue models for a human disease: what are the barriers?. <i>Thorax</i> , 2015 , 70, 695-7	7.3	11
87	Targeting TRP channels for chronic cough: from bench to bedside. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015 , 388, 401-20	3.4	44
86	Expert opinion on the cough hypersensitivity syndrome in respiratory medicine. <i>European Respiratory Journal</i> , 2014 , 44, 1132-48	13.6	189
85	Role of transient receptor potential and pannexin channels in cigarette smoke-triggered ATP release in the lung. <i>Thorax</i> , 2014 , 69, 1080-9	7.3	59
84	TLR4 activation induces IL-1 β release via an IPAF dependent but caspase 1/11/8 independent pathway in the lung. <i>Respiratory Research</i> , 2014 , 15, 87	7.3	14
83	Tiotropium modulates transient receptor potential V1 (TRPV1) in airway sensory nerves: A beneficial off-target effect?. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 679-87.e9	11.5	60
82	Respiratory infections cause the release of extracellular vesicles: implications in exacerbation of asthma/COPD. <i>PLoS ONE</i> , 2014 , 9, e101087	3.7	25
81	Role of the inflammasome-caspase1/11-IL-1/18 axis in cigarette smoke driven airway inflammation: an insight into the pathogenesis of COPD. <i>PLoS ONE</i> , 2014 , 9, e112829	3.7	54
80	Theophylline inhibits the cough reflex through a novel mechanism of action. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1588-98	11.5	24
79	Pre-clinical studies in cough research: role of Transient Receptor Potential (TRP) channels. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013 , 26, 498-507	3.5	44
78	Selectivity profiling of the novel EP2 receptor antagonist, PF-04418948, in functional bioassay systems: atypical affinity at the guinea pig EP2 receptor. <i>British Journal of Pharmacology</i> , 2013 , 168, 129-38	8.6	21
77	Harvesting, isolation, and functional assessment of primary vagal ganglia cells. <i>Current Protocols in Pharmacology</i> , 2013 , 62, 12.15.1-12.15.27	4.1	6
76	Cigarette smoke induced airway inflammation is independent of NF- κ B signalling. <i>PLoS ONE</i> , 2013 , 8, e54128	3.7	29
75	TRP channel antagonists as potential antitussives. <i>Lung</i> , 2012 , 190, 11-5	2.9	17
74	Transient receptor potential channels mediate the tussive response to prostaglandin E2 and bradykinin. <i>Thorax</i> , 2012 , 67, 891-900	7.3	109
73	A role for sensory nerves in the late asthmatic response. <i>Thorax</i> , 2012 , 67, 19-25	7.3	92

72	G-protein coupled receptors regulating cough. <i>Current Opinion in Pharmacology</i> , 2011 , 11, 248-53	5.1	39
71	TRPA1 receptors in cough. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011 , 24, 286-8	3.5	53
70	Transient receptor potential A1 channels: insights into cough and airway inflammatory disease. <i>Chest</i> , 2011 , 140, 1040-1047	5.3	54
69	EP4 receptor as a new target for bronchodilator therapy. <i>Thorax</i> , 2011 , 66, 1029-35	7.3	79
68	P2X7 receptor and caspase 1 activation are central to airway inflammation observed after exposure to tobacco smoke. <i>PLoS ONE</i> , 2011 , 6, e24097	3.7	99
67	Prostanoids and the cough reflex. <i>Lung</i> , 2010 , 188 Suppl 1, S9-12	2.9	19
66	Prostaglandin E2 mediates cough via the EP3 receptor: implications for future disease therapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 923-8	10.2	96
65	TRPA1 agonists evoke coughing in guinea pig and human volunteers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 1042-7	10.2	218
64	Modulation of sensory nerve function and the cough reflex: understanding disease pathogenesis. <i>Pharmacology & Therapeutics</i> , 2009 , 124, 354-75	13.9	52
63	Targeting PPAR receptors in the airway for the treatment of inflammatory lung disease. <i>British Journal of Pharmacology</i> , 2009 , 158, 994-1003	8.6	82
62	MMP/TIMP expression profiles in distinct lung disease models: implications for possible future therapies. <i>Respiratory Research</i> , 2009 , 10, 72	7.3	11
61	Preclinical animal models of asthma and chronic obstructive pulmonary disease. <i>Expert Review of Respiratory Medicine</i> , 2008 , 2, 631-43	3.8	19
60	Liver X receptor agonists increase airway reactivity in a model of asthma via increasing airway smooth muscle growth. <i>Journal of Immunology</i> , 2008 , 181, 4265-71	5.3	22
59	Peroxisome Proliferator-Activated Receptors as Novel Targets in Lung Disease*. <i>Chest</i> , 2008 , 134, 152-157	5.3	2
58	Peroxisome proliferator-activated receptors as novel targets in lung disease. <i>Chest</i> , 2008 , 134, 152-7	5.3	58
57	Preclinical assessment of novel therapeutics on the cough reflex: cannabinoid agonists as potential antitussives. <i>Lung</i> , 2008 , 186 Suppl 1, S66-9	2.9	5
56	Impact of tobacco-smoke on key signaling pathways in the innate immune response in lung macrophages. <i>Journal of Cellular Physiology</i> , 2008 , 214, 27-37	7	95
55	Novel role for the liver X nuclear receptor in the suppression of lung inflammatory responses. <i>Journal of Biological Chemistry</i> , 2007 , 282, 31882-90	5.4	49

54	Peroxisome proliferator-activated receptor gamma agonists as therapy for chronic airway inflammation. <i>European Journal of Pharmacology</i> , 2006 , 533, 101-9	5.3	98
53	IkappaB kinase-2-independent and -dependent inflammation in airway disease models: relevance of IKK-2 inhibition to the clinic. <i>Molecular Pharmacology</i> , 2006 , 69, 1791-800	4.3	52
52	Second-generation inhibitors demonstrate the involvement of p38 mitogen-activated protein kinase in post-transcriptional modulation of inflammatory mediator production in human and rodent airways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 1318-27	4.7	18
51	Cough: Citric acid and nerves. <i>Drug Discovery Today: Disease Models</i> , 2006 , 3, 237-241	1.3	0
50	E-ring 8-isoprostanes are agonists at EP2- and EP4-prostanoid receptors on human airway smooth muscle cells and regulate the release of colony-stimulating factors by activating cAMP-dependent protein kinase. <i>Molecular Pharmacology</i> , 2005 , 67, 383-93	4.3	23
49	Ikappa-B kinase-2 inhibitor blocks inflammation in human airway smooth muscle and a rat model of asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 962-71	10.2	113
48	Theobromine inhibits sensory nerve activation and cough. <i>FASEB Journal</i> , 2005 , 19, 231-3	0.9	76
47	Preclinical profile of ciclesonide, a novel corticosteroid for the treatment of asthma. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 314, 568-74	4.7	42
46	Resveratrol, an extract of red wine, inhibits lipopolysaccharide induced airway neutrophilia and inflammatory mediators through an NF-kappaB-independent mechanism. <i>FASEB Journal</i> , 2005 , 19, 840-1	0.9	136
45	TRPV1 in the airways 2005 , 167-187		1
44	New anti-inflammatory therapies and targets for asthma and chronic obstructive pulmonary disease. <i>Expert Opinion on Therapeutic Targets</i> , 2004 , 8, 265-85	6.4	25
43	Regulation of inflammatory cell function by corticosteroids. <i>Proceedings of the American Thoracic Society</i> , 2004 , 1, 207-14		62
42	Nitric oxide as a noninvasive biomarker of lipopolysaccharide-induced airway inflammation: possible role in lung neutrophilia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 311, 625-33	4.7	31
41	E-ring 8-isoprostanes inhibit ACh release from parasympathetic nerves innervating guinea-pig trachea through agonism of prostanoid receptors of the EP3-subtype. <i>British Journal of Pharmacology</i> , 2004 , 141, 600-9	8.6	31
40	Identification in human airways smooth muscle cells of the prostanoid receptor and signalling pathway through which PGE2 inhibits the release of GM-CSF. <i>British Journal of Pharmacology</i> , 2004 , 141, 1141-50	8.6	40
39	New advances and potential therapies for the treatment of asthma. <i>BioDrugs</i> , 2004 , 18, 211-23	7.9	18
38	Ciclesonide. <i>Drugs</i> , 2004 , 64, 520-521	12.1	1
37	Activation of peroxisome proliferator-activated receptors in human airway smooth muscle cells has a superior anti-inflammatory profile to corticosteroids: relevance for chronic obstructive pulmonary disease therapy. <i>Journal of Immunology</i> , 2003 , 170, 2663-9	5.3	116

36	Inhibition of guinea-pig and human sensory nerve activity and the cough reflex in guinea-pigs by cannabinoid (CB2) receptor activation. <i>British Journal of Pharmacology</i> , 2003 , 140, 261-8	8.6	74
35	Sensory nerves and airway inflammation: role of A delta and C-fibres. <i>Pulmonary Pharmacology and Therapeutics</i> , 2003 , 16, 1-7	3.5	66
34	Soft steroids: a new approach to the treatment of inflammatory airways diseases. <i>Pulmonary Pharmacology and Therapeutics</i> , 2003 , 16, 321-5	3.5	64
33	Airway sensory innervation as a target for novel therapies: an outdated concept?. <i>Current Opinion in Pharmacology</i> , 2003 , 3, 239-43	5.1	19
32	Novel therapies for the treatment of inflammatory airway disease. <i>Expert Opinion on Investigational Drugs</i> , 2003 , 12, 5-18	5.9	13
31	Effect of dopamine receptor agonists on sensory nerve activity: possible therapeutic targets for the treatment of asthma and COPD. <i>British Journal of Pharmacology</i> , 2002 , 136, 620-8	8.6	28
30	Functional characterization and biomarker identification in the Brown Norway model of allergic airway inflammation. <i>British Journal of Pharmacology</i> , 2002 , 137, 263-75	8.6	27
29	Differential effects of ebselen on neutrophil recruitment, chemokine, and inflammatory mediator expression in a rat model of lipopolysaccharide-induced pulmonary inflammation. <i>Journal of Immunology</i> , 2002 , 169, 974-82	5.3	64
28	Critical role for T cells in Sephadex-induced airway inflammation: pharmacological and immunological characterization and molecular biomarker identification. <i>Journal of Immunology</i> , 2002 , 168, 3004-16	5.3	28
27	Summary: animal models for cough. <i>Pulmonary Pharmacology and Therapeutics</i> , 2002 , 15, 249-50	3.5	42
26	Overview of the innervation of the lung. <i>Current Opinion in Pharmacology</i> , 2002 , 2, 211-5	5.1	75
25	Mediator involvement in antigen-induced bronchospasm and microvascular leakage in the airways of ovalbumin sensitized Brown Norway rats. <i>British Journal of Pharmacology</i> , 2001 , 132, 481-8	8.6	31
24	Chronic systemic administration of salmeterol to rats promotes pulmonary beta(2)-adrenoceptor desensitization and down-regulation of G(s alpha). <i>British Journal of Pharmacology</i> , 2001 , 132, 1261-70	8.6	28
23	Role of p38 MAP kinase in LPS-induced airway inflammation in the rat. <i>British Journal of Pharmacology</i> , 2001 , 132, 1715-24	8.6	75
22	Evidence that the anti-spasmogenic effect of the beta-adrenoceptor agonist, isoprenaline, on guinea-pig trachealis is not mediated by cyclic AMP-dependent protein kinase. <i>British Journal of Pharmacology</i> , 2001 , 133, 1201-12	8.6	36
21	Effect of 8-iso-prostaglandin F(2 alpha) on acetylcholine release from parasympathetic nerves in guinea pig airways. <i>European Journal of Pharmacology</i> , 2001 , 416, 231-4	5.3	19
20	Release of nerve growth factor by human pulmonary epithelial cells: role in airway inflammatory diseases. <i>European Journal of Pharmacology</i> , 2001 , 424, 159-62	5.3	70
19	Therapeutic benefit of a dissociated glucocorticoid and the relevance of in vitro separation of transrepression from transactivation activity. <i>Journal of Immunology</i> , 2001 , 166, 1975-82	5.3	162

18	New Glucocorticosteroids with an improved therapeutic ratio?. <i>Pulmonary Pharmacology and Therapeutics</i> , 2001 , 14, 221-7	3.5	62
17	Effect of endothelin antagonists, including the novel ET(A) receptor antagonist LBL 031, on endothelin-1 and lipopolysaccharide-induced microvascular leakage in rat airways. <i>British Journal of Pharmacology</i> , 2000 , 131, 1129-34	8.6	10
16	Constitutive expressions of type I NOS in human airway smooth muscle cells: evidence for an antiproliferative role. <i>FASEB Journal</i> , 1999 , 13, 1810-6	0.9	61
15	Pharmacological characterization of the muscarinic receptor antagonist, glycopyrrolate, in human and guinea-pig airways. <i>British Journal of Pharmacology</i> , 1999 , 127, 413-20	8.6	65
14	Induction of eotaxin expression and release from human airway smooth muscle cells by IL-1beta and TNFalpha: effects of IL-10 and corticosteroids. <i>British Journal of Pharmacology</i> , 1999 , 127, 1145-50	8.6	74
13	Anti-spasmogenic activity of isoenzyme-selective phosphodiesterase inhibitors in guinea-pig trachealis. <i>British Journal of Pharmacology</i> , 1999 , 128, 327-36	8.6	16
12	Neuroregulation by vasoactive intestinal peptide (VIP) of mucus secretion in ferret trachea: activation of BK(Ca) channels and inhibition of neurotransmitter release. <i>British Journal of Pharmacology</i> , 1999 , 126, 147-58	8.6	15
11	Prostaglandin E2 suppression of acetylcholine release from parasympathetic nerves innervating guinea-pig trachea by interacting with prostanoid receptors of the EP3-subtype. <i>British Journal of Pharmacology</i> , 1998 , 123, 1246-52	8.6	32
10	Expression of cyclo-oxygenase-2 in human airway smooth muscle is associated with profound reductions in cell growth. <i>British Journal of Pharmacology</i> , 1998 , 125, 1102-8	8.6	71
9	Paradoxical facilitation of acetylcholine release from parasympathetic nerves innervating guinea-pig trachea by isoprenaline. <i>British Journal of Pharmacology</i> , 1996 , 117, 1413-20	8.6	37
8	Bradykinin-evoked sensitization of airway sensory nerves: a mechanism for ACE-inhibitor cough. <i>Nature Medicine</i> , 1996 , 2, 814-7	50.5	234
7	Tiotropium bromide (Ba 679 BR), a novel long-acting muscarinic antagonist for the treatment of obstructive airways disease. <i>Life Sciences</i> , 1995 , 56, 853-9	6.8	93
6	Inhibition of excitatory non-adrenergic non-cholinergic bronchoconstriction in guinea-pig airways in vitro by activation of an atypical 5-HT receptor. <i>British Journal of Pharmacology</i> , 1994 , 111, 1095-102	8.6	15
5	Induction of cyclo-oxygenase-2 by cytokines in human pulmonary epithelial cells: regulation by dexamethasone. <i>British Journal of Pharmacology</i> , 1994 , 113, 1008-14	8.6	240
4	Capsazepine as a selective antagonist of capsaicin-induced activation of C-fibres in guinea-pig bronchi. <i>European Journal of Pharmacology</i> , 1992 , 215, 341-4	5.3	41
3	Modulation of neurogenic inflammation: novel approaches to inflammatory disease. <i>Trends in Pharmacological Sciences</i> , 1990 , 11, 185-9	13.2	164
2	Effects and interactions of sensory neuropeptides on airway microvascular leakage in guinea-pigs. <i>British Journal of Pharmacology</i> , 1988 , 95, 1109-16	8.6	105
1	Prostanoids271-283		

