

Jane Bourke

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,289
citations

279798

23
h-index

377865

34
g-index

50
all docs

50
docs citations

50
times ranked

1876
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-molecule-biased formyl peptide receptor agonist compound 17b protects against myocardial ischaemia-reperfusion injury in mice. <i>Nature Communications</i> , 2017, 8, 14232.	12.8	104
2	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. <i>Journal of Pathology</i> , 2017, 243, 510-523.	4.5	81
3	Relationships between adult asthma and oxidative stress markers and pH in exhaled breath condensate: a systematic review. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 741-757.	5.7	71
4	Effects of PPAR γ ligands on TGF- β 1-induced epithelial-mesenchymal transition in alveolar epithelial cells. <i>Respiratory Research</i> , 2010, 11, 21.	3.6	63
5	PPAR α ligands, 15 α -deoxy Δ^2 -prostaglandin J ₂ and rosiglitazone regulate human cultured airway smooth muscle proliferation through different mechanisms. <i>British Journal of Pharmacology</i> , 2004, 141, 517-525.	5.4	59
6	Proliferation is not increased in airway myofibroblasts isolated from asthmatics. <i>European Respiratory Journal</i> , 2008, 32, 362-371.	6.7	52
7	The PPAR γ ligand, rosiglitazone, reduces airways hyperresponsiveness in a murine model of allergen-induced inflammation. <i>Pulmonary Pharmacology and Therapeutics</i> , 2006, 19, 39-46.	2.6	43
8	Collagen remodelling by airway smooth muscle is resistant to steroids and β -agonists. <i>European Respiratory Journal</i> , 2011, 37, 173-182.	6.7	43
9	Lipid metabolites as regulators of airway smooth muscle function. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009, 22, 426-435.	2.6	42
10	Acute and Chronic Inhibition of Nitric Oxide Synthase in Conscious Rabbits. <i>Journal of Cardiovascular Pharmacology</i> , 1993, 21, 804-814.	1.9	41
11	Tissue and matrix influences on airway smooth muscle function. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009, 22, 379-387.	2.6	40
12	Airway Remodeling and Hyperreactivity in a Model of Bronchopulmonary Dysplasia and Their Modulation by IL-1 Receptor Antagonist. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 858-868.	2.9	40
13	Peroxisome Proliferator Activated Receptor Ligands as Regulators of Airway Inflammation and Remodelling in Chronic Lung Disease. <i>PPAR Research</i> , 2007, 2007, 1-12.	2.4	39
14	Interleukin-1 Receptor Antagonist Protects Newborn Mice Against Pulmonary Hypertension. <i>Frontiers in Immunology</i> , 2019, 10, 1480.	4.8	35
15	Direct and Continuous Detection of ATP Secretion from Primary Monolayer Cultures of Bovine Adrenal Chromaffin Cells. <i>Journal of Neurochemistry</i> , 1987, 49, 1266-1273.	3.9	34
16	Differential Effects of Allergen Challenge on Large and Small Airway Reactivity in Mice. <i>PLoS ONE</i> , 2013, 8, e74101.	2.5	34
17	Emerging mediators of airway smooth muscle dysfunction in asthma. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013, 26, 105-111.	2.6	33
18	Reactivity of canine isolated epicardial collateral coronary arteries. Relation to vessel structure.. <i>Circulation Research</i> , 1991, 69, 1340-1352.	4.5	31

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19	Novel Small Airway Bronchodilator Responses to Rosiglitazone in Mouse Lung Slices. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 748-756.	2.9	31
20	Regulation of Airway Smooth Muscle Contraction in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1124, 381-422.	1.6	30
21	Cardioprotective Actions of the Annexin-A1 N-Terminal Peptide, Ac2-26, Against Myocardial Infarction. <i>Frontiers in Pharmacology</i> , 2019, 10, 269.	3.5	30
22	Targeting the IL-33/IL-13 Axis for Respiratory Viral Infections. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 252-261.	8.7	29
23	Rosiglitazone elicits in vitro relaxation in airways and precision cut lung slices from a mouse model of chronic allergic airways disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L1219-L1228.	2.9	28
24	Serelaxin as a novel therapeutic opposing fibrosis and contraction in lung diseases. , 2018, 187, 61-70.		25
25	THE INFLUENCE OF THE MANAGER ON FIRM INNOVATION IN EMERGING ECONOMIES. <i>International Journal of Innovation Management</i> , 2018, 22, 1850028.	1.2	23
26	Influenza A virus infection and cigarette smoke impair bronchodilator responsiveness to β_2 -adrenoceptor agonists in mouse lung. <i>Clinical Science</i> , 2016, 130, 829-837.	4.3	22
27	Serelaxin Elicits Bronchodilation and Enhances β_2 -Adrenoceptor-Mediated Airway Relaxation. <i>Frontiers in Pharmacology</i> , 2016, 7, 406.	3.5	21
28	PPAR α Ligands Regulate Noncontractile and Contractile Functions of Airway Smooth Muscle: Implications for Asthma Therapy. <i>PPAR Research</i> , 2012, 2012, 1-13.	2.4	16
29	Alteration of Airway Reactivity and Reduction of Ryanodine Receptor Expression by Cigarette Smoke in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 471-478.	2.9	15
30	Pulmonary myeloid cell uptake of biodegradable nanoparticles conjugated with an anti-fibrotic agent provides a novel strategy for treating chronic allergic airways disease. <i>Biomaterials</i> , 2021, 273, 120796.	11.4	15
31	Measurement and Impact of Remodeling in the Lung: Airway Neovascularization in Asthma. <i>Proceedings of the American Thoracic Society</i> , 2009, 6, 673-677.	3.5	14
32	RAGE and TLR4 differentially regulate airway hyperresponsiveness: Implications for COPD. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1123-1135.	5.7	14
33	Therapeutic Opportunities of Targeting Allosteric Binding Sites on the Calcium-Sensing Receptor. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 666-679.	4.9	11
34	The effects of neosurugatoxin on evoked catecholamine secretion from bovine adrenal chromaffin cells. <i>British Journal of Pharmacology</i> , 1988, 93, 275-280.	5.4	10
35	Rosiglitazone is a superior bronchodilator compared to chloroquine and β_2 -adrenoceptor agonists in mouse lung slices. <i>Respiratory Research</i> , 2014, 15, 29.	3.6	10
36	Lipopolysaccharide Does Not Alter Small Airway Reactivity in Mouse Lung Slices. <i>PLoS ONE</i> , 2015, 10, e0122069.	2.5	10

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37	<scp>NO</scp> _x in exhaled breath condensate is related to allergic sensitization in young and middle-aged adults. <i>Clinical and Experimental Allergy</i> , 2019, 49, 171-179.	2.9	10
38	A New Pathway to Airway Relaxation: Targeting the <i>Other</i> -Cyclase in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 3-4.	2.9	10
39	Bimodal fibrosis in a novel mouse model of bleomycin-induced usual interstitial pneumonia. <i>Life Science Alliance</i> , 2022, 5, e202101059.	2.8	9
40	Solving the Riddle: Targeting the Imbalance of Sphingolipids in Asthma to Oppose Airway Hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 555-557.	2.9	6
41	Collateral Development and Angiogenesis After Major Artery Ligation Does Not Alter Hindquarter Vascular Reactivity in Conscious Rabbits. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 26, 96-106.	1.9	5
42	Effect of estradiol and progesterone on phosphatidylinositol metabolism in the uterine epithelium of the mouse. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1991, 39, 337-342.	2.5	4
43	Neonatal pneumococcal colonisation caused by Influenza A infection alters lung function in adult mice. <i>Scientific Reports</i> , 2016, 6, 22751.	3.3	4
44	Small airway hyperresponsiveness is associated with impaired alveolar development in a mouse model of bronchopulmonary dysplasia. , 2015, , .		1
45	Rosiglitazone Inhibits Small Airway Contraction And Calcium Signalling In Mouse Lung Slices. , 2011, , .		0
46	OS 31-01 BLOOD PRESSURE, INITIAL ORTHOSTATIC HYPOTENSION, GLYCERYL TRINITRATE AND THE GLU504LYS POLYMORPHISM OF ALDEHYDE DEHYDROGENASE-2. <i>Journal of Hypertension</i> , 2016, 34, e388.	0.5	0
47	Lung health in a changing world. <i>Medical Journal of Australia</i> , 2017, 207, 426-428.	1.7	0