Jane Bourke

List of Publications by Year
in descending order

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	Bimodal fibrosis in a novel mouse model of bleomycin-induced usual interstitial pneumonia. Life Science Alliance, 2022, 5, e202101059.	2.8	9
2	RAGE and TLR4 differentially regulate airway hyperresponsiveness: Implications for COPD. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1123-1135.	5.7	14
3	Therapeutic Opportunities of Targeting Allosteric Binding Sites on the Calcium-Sensing Receptor. ACS Pharmacology and Translational Science, 2021, 4, 666-679.	4.9	11
4	Pulmonary myeloid cell uptake of biodegradable nanoparticles conjugated with an anti-fibrotic agent provides a novel strategy for treating chronic allergic airways disease. Biomaterials, 2021, 273, 120796.	11.4	15
5	A New Pathway to Airway Relaxation: Targeting the â€œOtherâ€• Cyclase in Asthma. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 3-4.	2.9	10
6	Solving the Riddle: Targeting the Imbalance of Sphingolipids in Asthma to Oppose Airway Hyperresponsiveness. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 555-557.	2.9	6
7	<scp>NO</scp>_x in exhaled breath condensate is related to allergic sensitization in young and middleâ€aged adults. Clinical and Experimental Allergy, 2019, 49, 171-179.	2.9	10
8	Interleukin-1 Receptor Antagonist Protects Newborn Mice Against Pulmonary Hypertension. Frontiers in Immunology, 2019, 10, 1480.	4.8	35
9	Regulation of Airway Smooth Muscle Contraction in Health and Disease. Advances in Experimental Medicine and Biology, 2019, 1124, 381-422.	1.6	30
10	Cardioprotective Actions of the Annexin-A1 N-Terminal Peptide, Ac2-26, Against Myocardial Infarction. Frontiers in Pharmacology, 2019, 10, 269.	3.5	30
11	Serelaxin as a novel therapeutic opposing fibrosis and contraction in lung diseases. , 2018, 187, 61-70.		25
12	THE INFLUENCE OF THE MANAGER ON FIRM INNOVATION IN EMERGING ECONOMIES. International Journal of Innovation Management, 2018, 22, 1850028.	1.2	23
13	Small-molecule-biased formyl peptide receptor agonist compound 17b protects against myocardial ischaemia-reperfusion injury in mice. Nature Communications, 2017, 8, 14232.	12.8	104
14	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. Journal of Pathology, 2017, 243, 510-523.	4.5	81
15	Lung health in a changing world. Medical Journal of Australia, 2017, 207, 426-428.	1.7	0
16	Serelaxin Elicits Bronchodilation and Enhances Î²-Adrenoceptor-Mediated Airway Relaxation. Frontiers in Pharmacology, 2016, 7, 406.	3.5	21
17	OS 31-01 BLOOD PRESSURE, INITIAL ORTHOSTATIC HYPOTENSION, GLYCERYL TRINITRATE AND THE GLU504LYS POLYMORPHISM OF ALDEHYDE DEHYROGENASE-2. Journal of Hypertension, 2016, 34, e388.	0.5	0
18	Influenza A virus infection and cigarette smoke impair bronchodilator responsiveness to Î²-adrenoceptor agonists in mouse lung. Clinical Science, 2016, 130, 829-837.	4.3	22

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19	Airway Remodeling and Hyperreactivity in a Model of Bronchopulmonary Dysplasia and Their Modulation by IL-1 Receptor Antagonist. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 858-868.	2.9	40
20	Neonatal pneumococcal colonisation caused by Influenza A infection alters lung function in adult mice. Scientific Reports, 2016, 6, 22751.	3.3	4
21	Relationships between adult asthma and oxidative stress markers and pH in exhaled breath condensate: a systematic review. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 741-757.	5.7	71
22	Targeting the IL-33/IL-13 Axis for Respiratory Viral Infections. Trends in Pharmacological Sciences, 2016, 37, 252-261.	8.7	29
23	Lipopolysaccharide Does Not Alter Small Airway Reactivity in Mouse Lung Slices. PLoS ONE, 2015, 10, e0122069.	2.5	10
24	Rosiglitazone elicits in vitro relaxation in airways and precision cut lung slices from a mouse model of chronic allergic airways disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1219-L1228.	2.9	28
25	Alteration of Airway Reactivity and Reduction of Ryanodine Receptor Expression by Cigarette Smoke in Mice. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 471-478.	2.9	15
26	Small airway hyperresponsiveness is associated with impaired alveolar development in a mouse model of bronchopulmonary dysplasia. , 2015, , .		1
27	Novel Small Airway Bronchodilator Responses to Rosiglitazone in Mouse Lung Slices. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 748-756.	2.9	31
28	Rosiglitazone is a superior bronchodilator compared to chloroquine and Î²-adrenoceptor agonists in mouse lung slices. Respiratory Research, 2014, 15, 29.	3.6	10
29	Emerging mediators of airway smooth muscle dysfunction in asthma. Pulmonary Pharmacology and Therapeutics, 2013, 26, 105-111.	2.6	33
30	Differential Effects of Allergen Challenge on Large and Small Airway Reactivity in Mice. PLoS ONE, 2013, 8, e74101.	2.5	34
31	PPAR<i>Î³</i>Ligands Regulate Noncontractile and Contractile Functions of Airway Smooth Muscle: Implications for Asthma Therapy. PPAR Research, 2012, 2012, 1-13.	2.4	16
32	Rosiglitazone Inhibits Small Airway Contraction And Calcium Signalling In Mouse Lung Slices. , 2011, , .		0
33	Collagen remodelling by airway smooth muscle is resistant to steroids and Â2-agonists. European Respiratory Journal, 2011, 37, 173-182.	6.7	43
34	Effects of PPARÎ³ ligands on TGF-Î²1-induced epithelial-mesenchymal transition in alveolar epithelial cells. Respiratory Research, 2010, 11, 21.	3.6	63
35	Measurement and Impact of Remodeling in the Lung: Airway Neovascularization in Asthma. Proceedings of the American Thoracic Society, 2009, 6, 673-677.	3.5	14
36	Lipid metabolites as regulators of airway smooth muscle function. Pulmonary Pharmacology and Therapeutics, 2009, 22, 426-435.	2.6	42

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37	Tissue and matrix influences on airway smooth muscle function. Pulmonary Pharmacology and Therapeutics, 2009, 22, 379-387.	2.6	40
38	Proliferation is not increased in airway myofibroblasts isolated from asthmatics. European Respiratory Journal, 2008, 32, 362-371.	6.7	52
39	Peroxisome Proliferator Activated Receptor Ligands as Regulators of Airway Inflammation and Remodelling in Chronic Lung Disease. PPAR Research, 2007, 2007, 1-12.	2.4	39
40	The PPARÎ³ ligand, rosiglitazone, reduces airways hyperresponsiveness in a murine model of allergen-induced inflammation. Pulmonary Pharmacology and Therapeutics, 2006, 19, 39-46.	2.6	43
41	PPAR<i>Î³</i> ligands, 15â€deoxyâ€Î”^{12,14}â€prostaglandin J₂ and rosiglitazone regulate human cultured airway smooth muscle proliferation through different mechanisms. British Journal of Pharmacology, 2004, 141, 517-525.	5.4	59
42	Collateral Development and Angiogenesis After Major Artery Ligation Does Not Alter Hindquarter Vascular Reactivity in Conscious Rabbits. Journal of Cardiovascular Pharmacology, 1995, 26, 96-106.	1.9	5
43	Acute and Chronic Inhibition of Nitric Oxide Synthase in Conscious Rabbits. Journal of Cardiovascular Pharmacology, 1993, 21, 804-814.	1.9	41
44	Effect of estradiol and progesterone on phosphatidylinositol metabolism in the uterine epithelium of the mouse. Journal of Steroid Biochemistry and Molecular Biology, 1991, 39, 337-342.	2.5	4
45	Reactivity of canine isolated epicardial collateral coronary arteries. Relation to vessel structure.. Circulation Research, 1991, 69, 1340-1352.	4.5	31
46	The effects of neosurugatoxin on evoked catecholamine secretion from bovine adrenal chromaffin cells. British Journal of Pharmacology, 1988, 93, 275-280.	5.4	10
47	Direct and Continuous Detection of ATP Secretion from Primary Monolayer Cultures of Bovine Adrenal Chromaffin Cells. Journal of Neurochemistry, 1987, 49, 1266-1273.	3.9	34