Alastair G Stewart

List of Publications by Year
in descending order

192	7,320	50276	71685
papers	citations	46 h-index	76 g-index

195	195	195	6781
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Continuous plasmafiltration in sepsis syndrome. Critical Care Medicine, 1999, 27, 2096-2104.	0.9	484
2	Endothelial Dysfunction in Atherosclerotic Cardiovascular Diseases and Beyond: From Mechanism to Pharmacotherapies. Pharmacological Reviews, 2021, 73, 924-967.	16.0	359
3	Airway smooth muscle dynamics: a common pathway of airway obstruction in asthma. European Respiratory Journal, 2007, 29, 834-860.	6.7	344
4	Proliferative aspects of airway smooth muscle. Journal of Allergy and Clinical Immunology, 2004, 114, S2-S17.	2.9	198
5	A Randomized Phase II Trial of Granulocyte-Macrophage Colony-Stimulating Factor Therapy in Severe Sepsis with Respiratory Dysfunction. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 138-143.	5.6	192
6	Refractive index measurement in viable cells using quantitative phase-amplitude microscopy and confocal microscopy. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2005, 65A, 88-92.	1.5	177
7	Glucocorticoids Inhibit Proliferation, Cyclin D1 Expression, and Retinoblastoma Protein Phosphorylation, but Not Activity of the Extracellular-Regulated Kinases in Human Cultured Airway Smooth Muscle. American Journal of Respiratory Cell and Molecular Biology, 1999, 21, 77-88.	2.9	137
8	Platelet-activating factor may act as a second messenger in the release of icosanoids and superoxide anions from leukocytes and endothelial cells.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 3215-3219.	7.1	117
9	Basic mechanisms of development of airway structural changes in asthma. European Respiratory Journal, 2006, 29, 379-389.	6.7	115
10	Non-Alcoholic Steatohepatitis: A Review of Its Mechanism, Models and Medical Treatments. Frontiers in Pharmacology, 2020, 11, 603926.	3.5	115
11	Inhibition by salbutamol of the proliferation of human airway smooth muscle cells grown in culture. British Journal of Pharmacology, 1994, 111, 641-647.	5.4	105
12	TGFâ€Î²: Master regulator of inflammation and fibrosis. Respirology, 2018, 23, 1096-1097.	2.3	105
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	The effect of glucocorticoids on proliferation of human cultured airway smooth muscle. British Journal of Pharmacology, 1995, 116, 3219-3226.	5.4	101
15	Salbutamol inhibits the proliferation of human airway smooth muscle cells grown in culture: Relationship to elevated cAMP levels. Biochemical Pharmacology, 1995, 49, 1809-1819.	4.4	101
16	Coal mine dust lung disease in the modern era. Respirology, 2017, 22, 662-670.	2.3	98
17	Coronary vasoconstriction in the rat, isolated perfused heart induced by plateletâ€activating factor is mediated by leukotriene C₄. British Journal of Pharmacology, 1986, 88, 595-605.	5.4	95
18	Annexinâ€1 signals mitogenâ€stimulated breast tumor cell proliferation by activation of the formyl peptide receptors (FPRs) 1 and 2. FASEB Journal, 2011, 25, 483-496.	0.5	95

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19	2-Methoxyestradiol â€“ a unique blend of activities generating a new class of anti-tumour/anti-inflammatory agents. Drug Discovery Today, 2007, 12, 577-584.	6.4	92
20	Airway wall remodelling in asthma: a novel target for the development of anti-asthma drugs. Trends in Pharmacological Sciences, 1993, 14, 275-279.	8.7	91
21	An Official American Thoracic Society Research Statement: Current Challenges Facing Research and Therapeutic Advances in Airway Remodeling. American Journal of Respiratory and Critical Care Medicine, 2017, 195, e4-e19.	5.6	83
22	Airway remodelling in asthma: Current understanding and implications for future therapies. , 2006, 112, 474-488.		82
23	On the terminology for describing the length-force relationship and its changes in airway smooth muscle. Journal of Applied Physiology, 2004, 97, 2029-2034.	2.5	81
24	Tumor necrosis factor alpha modulates mitogenic responses of human cultured airway smooth muscle.. American Journal of Respiratory Cell and Molecular Biology, 1995, 12, 110-119.	2.9	75
25	The importance of ERK activity in the regulation of cyclin D1 levels and DNA synthesis in human cultured airway smooth muscle. British Journal of Pharmacology, 2000, 131, 17-28.	5.4	69
26	KCa3.1 Ca2+Activated K+Channels Regulate Human Airway Smooth Muscle Proliferation. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 525-531.	2.9	69
27	Invited Review: Do inflammatory mediators influence the contribution of airway smooth muscle contraction to airway hyperresponsiveness in asthma?. Journal of Applied Physiology, 2003, 95, 844-853.	2.5	68
28	Î²2-Adrenergic Receptor Agonists and cAMP Arrest Human Cultured Airway Smooth Muscle Cells in the G1 Phase of the Cell Cycle: Role of Proteasome Degradation of Cyclin D1. Molecular Pharmacology, 1999, 56, 1079-1086.	2.3	67
29	Extracellular Matrix, Integrins, and Mesenchymal Cell Function in the Airways. Current Drug Targets, 2006, 7, 567-577.	2.1	66
30	Characterization of receptors for plateletâ€activating factor on platelets, polymorphonuclear leukocytes and macrophages. British Journal of Pharmacology, 1988, 94, 1225-1233.	5.4	63
31	Non-steroidal anti-inflammatory drugs, tumour immunity and immunotherapy. Pharmacological Research, 2012, 66, 7-18.	7.1	61
32	A concise review on cancer treatment methods and delivery systems. Journal of Drug Delivery Science and Technology, 2019, 54, 101350.	3.0	60
33	2-Methoxyestradiol and Analogs as Novel Antiproliferative Agents: Analysis of Three-Dimensional Quantitative Structure-Activity Relationships for DNA Synthesis Inhibition and Estrogen Receptor Binding. Molecular Pharmacology, 2002, 61, 1053-1069.	2.3	59
34	PPARÎ³ 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
35	Cardioprotective potential of annexin-A1 mimetics in myocardial infarction. , 2015, 148, 47-65.		59
36	MITOGENIC ACTIONS OF ENDOTHELIN-1 AND EPIDERMAL GROWTH FACTOR IN CULTURED AIRWAY SMOOTH MUSCLE. Clinical and Experimental Pharmacology and Physiology, 1994, 21, 277-285.	1.9	58

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37	Inducible nitric oxide synthase (iNOS) activity promotes ischaemic skin flap survival. British Journal of Pharmacology, 2001, 132, 1631-1638.	5.4	57
38	Nitric oxide synthase inhibitors improve skin flap survival in the rat. Microsurgery, 1994, 15, 708-711.	1.3	53
39	Collagen-induced resistance to glucocorticoid anti-mitogenic actions: a potential explanation of smooth muscle hyperplasia in the asthmatic remodelled airway. British Journal of Pharmacology, 2003, 138, 1203-1206.	5.4	52
40	Proliferation is not increased in airway myofibroblasts isolated from asthmatics. European Respiratory Journal, 2008, 32, 362-371.	6.7	52
41	Protease-activated receptor (PAR)-independent growth and pro-inflammatory actions of thrombin on human cultured airway smooth muscle. British Journal of Pharmacology, 2003, 138, 865-875.	5.4	50
42	Regulation of lung fibroblast activation by annexin A1. Journal of Cellular Physiology, 2013, 228, 476-484.	4.1	50
43	Cellular Biomechanics in Drug Screening and Evaluation: Mechanopharmacology. Trends in Pharmacological Sciences, 2016, 37, 87-100.	8.7	50
44	Î²₂â€Adrenoceptor agonistâ€mediated inhibition of human airway smooth muscle cell proliferation: importance of the duration of Î²₂â€adrenoceptor stimulation. British Journal of Pharmacology, 1997, 121, 361-368.	5.4	49
45	Antagonism of vasoconstriction induced by plateletâ€activating factor in guineaâ€pig perfused hearts by selective plateletâ€activating factor receptor antagonists. British Journal of Pharmacology, 1987, 90, 771-783.	5.4	48
46	Intracellular plateletâ€activating factor regulates eicosanoid generation in guineaâ€pig resident peritoneal macrophages. British Journal of Pharmacology, 1989, 98, 141-148.	5.4	48
47	Interleukin-1Î± and tumour necrosis factor-Î± modulate airway smooth muscle DNA synthesis by induction of cyclo-oxygenase-2: inhibition by dexamethasone and fluticasone propionate. British Journal of Pharmacology, 1999, 126, 1315-1324.	5.4	48
48	Localization of Inducible Nitric Oxide Synthase to Mast Cells During Ischemia/Reperfusion Injury of Skeletal Muscle. Laboratory Investigation, 2000, 80, 423-431.	3.7	47
49	2-Methoxyestradiol Is an Estrogen Receptor Agonist That Supports Tumor Growth in Murine Xenograft Models of Breast Cancer. Clinical Cancer Research, 2005, 11, 1722-1732.	7.0	47
50	Glucocorticoid-resistant asthma and novel anti-inflammatory drugs. Drug Discovery Today, 2012, 17, 1031-1038.	6.4	47
51	Prior heat stress improves survival of ischemic-reperfused skeletal muscle in vivo. Muscle and Nerve, 2000, 23, 1847-1855.	2.2	46
52	Airway Wall Remodelling and Hyperresponsiveness: Modelling Remodelling in Vitro and in Vivo. Pulmonary Pharmacology and Therapeutics, 2001, 14, 255-265.	2.6	46
53	Transforming Growth Factorâ€“Î²â€“Induced Differentiation of Airway Smooth Muscle Cells Is Inhibited by Fibroblast Growth Factorâ€“2. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 346-353.	2.9	45
54	Pro-inflammatory mediators increase levels of the noncoding RNA GAS5 in airway smooth muscle and epithelial cells. Canadian Journal of Physiology and Pharmacology, 2015, 93, 203-206.	1.4	44

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55	Physiological and pathophysiological roles of nitric oxide. Microsurgery, 1994, 15, 693-702.	1.3	43
56	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
57	Collagen impairs glucocorticoid actions in airway smooth muscle through integrin signalling. British Journal of Pharmacology, 2006, 149, 365-373.	5.4	43
58	Collagen remodelling by airway smooth muscle is resistant to steroids and Â2-agonists. European Respiratory Journal, 2011, 37, 173-182.	6.7	43
59	The plasminogen activation system: new targets in lung inflammation and remodeling. Current Opinion in Pharmacology, 2013, 13, 386-393.	3.5	41
60	Influence of Hypoxia and Glucose Deprivation on Tumour Necrosis Factor-Alpha and Granulocyte-Macrophage Colony-Stimulating Factor Expression in Human Cultured Monocytes. Cellular Physiology and Biochemistry, 1998, 8, 75-88.	1.6	40
61	Targeted disruption of the nitric oxide synthase 2 gene protects against ischaemia/reperfusion injury to skeletal muscle. Journal of Pathology, 2001, 194, 109-115.	4.5	40
62	Contribution of the p38MAPK signalling pathway to proliferation in human cultured airway smooth muscle cells is mitogen-specific. British Journal of Pharmacology, 2004, 142, 1182-1190.	5.4	40
63	Transforming growth factorâ€Î² impairs glucocorticoid activity in the A549 lung adenocarcinoma cell line. British Journal of Pharmacology, 2012, 166, 2036-2048.	5.4	38
64	Albumin inhibits plateletâ€activating factor (PAF)â€induced responses in platelets and macrophages: implications for the biologically active form of PAF. British Journal of Pharmacology, 1992, 107, 73-77.	5.4	37
65	Ischaemia-reperfusion injury in mouse skeletal muscle is reduced by NÏ‰-nitro-l-arginine methyl ester and dexamethasone. European Journal of Pharmacology, 1997, 332, 273-278.	3.5	37
66	Impact of extracellular matrix and strain on proliferation of bovine airway smooth muscle. Clinical and Experimental Pharmacology and Physiology, 2003, 30, 324-328.	1.9	36
67	Nitric oxide synthase inhibitor, nitro-iminoethyl-L-ornithine, reduces ischemia-reperfusion injury in rabbit skeletal muscle. Microsurgery, 1994, 15, 703-707.	1.3	35
68	Safer approaches to therapeutic modulation of TGF-Î² signaling for respiratory disease. , 2018, 187, 98-113.		35
69	Timing of Administration of Dexamethasone or the Nitric Oxide Synthase Inhibitor, Nitro-<scp>l</scp>-Arginine Methyl Ester, is Critical for Effective Treatment of Ischaemia-Reperfusion Injury to Rat Skeletal Muscle. Clinical Science, 1997, 93, 167-174.	4.3	33
70	In Vitro and In Vivo Evidence for Anti-Inflammatory Properties of 2-Methoxyestradiol. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 962-972.	2.5	33
71	Quantitative phase microscopy: a new tool for measurement of cell culture growth and confluency in situ. Pflugers Archiv European Journal of Physiology, 2004, 448, 462-8.	2.8	32
72	ENDOTHELIUM-DERIVED RELAXING FACTOR RELEASED FROM CULTURED CELLS: DIFFERENTIATION FROM NITRIC OXIDE. Clinical and Experimental Pharmacology and Physiology, 1988, 15, 83-92.	1.9	31

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73	Stimulusâ€dependent glucocorticoidâ€resistance of GMâ€CSF production in human cultured airway smooth muscle. British Journal of Pharmacology, 2005, 145, 123-131.	5.4	31
74	Airway smooth muscle remodels pericellular collagen fibrils: implications for proliferation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L584-L592.	2.9	31
75	Involvement of capsaicin-sensitive afferent neurones in a vagal-dependent interaction between leukotriene D4 and histamine on bronchomotor tone. Agents and Actions, 1984, 15, 500-508.	0.7	30
76	Annexin A2 contributes to lung injury and fibrosis by augmenting factor Xa fibrogenic activity. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L772-L782.	2.9	30
77	Activation of the L-arginine nitric oxide pathway in severe sepsis. Archives of Disease in Childhood, 1997, 76, 203-209.	1.9	29
78	Antigen-induced airway inflammation in the Brown Norway rat results in airway smooth muscle hyperplasia. Journal of Applied Physiology, 2002, 93, 1833-1840.	2.5	29
79	Heterogeneity in mechanisms influencing glucocorticoid sensitivity: The need for a systems biology approach to treatment of glucocorticoid-resistant inflammation. , 2015, 150, 81-93.		29
80	Evidence for an intracellular action of plateletâ€activating factor in bovine cultured aortic endothelial cells. British Journal of Pharmacology, 1989, 96, 503-505.	5.4	28
81	Inflammation: maladies, models, mechanisms and molecules. British Journal of Pharmacology, 2016, 173, 631-634.	5.4	28
82	Casein Kinase 1Î´/Îµ Inhibitor, PF670462 Attenuates the Fibrogenic Effects of Transforming Growth Factor-Î² in Pulmonary Fibrosis. Frontiers in Pharmacology, 2018, 9, 738.	3.5	28
83	Fibrillar Collagen Clamps Lung Mesenchymal Cells in a Nonproliferative and Noncontractile Phenotype. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 731-741.	2.9	27
84	Functional Expression of IgG-Fc Receptors in Human Airway Smooth Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 665-672.	2.9	27
85	The influence of nitric oxide synthase 2 on cutaneous wound angiogenesis. British Journal of Dermatology, 2011, 165, 1223-1235.	1.5	26
86	The fibrogenic actions of lung fibroblast-derived urokinase: a potential drug target in IPF. Scientific Reports, 2017, 7, 41770.	3.3	26
87	Nitric Oxide Synthase-Independent Generation of Nitric Oxide in Rat Skeletal Muscle Ischemia-Reperfusion Injury. Nitric Oxide - Biology and Chemistry, 1999, 3, 75-84.	2.7	25
88	Bronchial epithelial cells are rendered insensitive to glucocorticoid transactivation by transforming growth factor-Î²1. Respiratory Research, 2014, 15, 55.	3.6	25
89	Annexin A1 influences in breast cancer: Controversies on contributions to tumour, host and immunoediting processes. Pharmacological Research, 2017, 119, 278-288.	7.1	25
90	Cellular Microenvironment Stiffness Regulates Eicosanoid Production and Signaling Pathways. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 819-830.	2.9	25

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91	Resistance of fibrogenic responses to glucocorticoid and 2-methoxyestradiol in bleomycin-induced lung fibrosis in miceThis article is one of a selection of papers published in the Special Issue on Recent Advances in Asthma Research.. Canadian Journal of Physiology and Pharmacology, 2007, 85, 727-738.	1.4	24
92	Fractionation of graphene oxide single nano-sheets in water-glycerol solutions using gradient centrifugation. Carbon, 2016, 103, 363-371.	10.3	24
93	Glucocorticoid Insensitivity in Virally Infected Airway Epithelial Cells Is Dependent on Transforming Growth Factor-Î² Activity. PLoS Pathogens, 2017, 13, e1006138.	4.7	24
94	Emigration and immigration of mesenchymal cells: a multicultural airway wall. European Respiratory Journal, 2004, 24, 515-517.	6.7	23
95	The Antimalarial Drug Artesunate Inhibits Primary Human Cultured Airway Smooth Muscle Cell Proliferation. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 451-458.	2.9	23
96	Functional and genomic characterization of a xenograft model system for the study of metastasis in triple-negative breast cancer. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	23
97	Muscle cells become necrotic rather than apoptotic during reperfusion of ischaemic skeletal muscle. International Journal of Experimental Pathology, 2001, 80, 169-175.	1.3	22
98	Effects of the endothelin receptor antagonist Bosentan on ischaemia/reperfusion injury in rat skeletal muscle. European Journal of Pharmacology, 2001, 424, 59-67.	3.5	22
99	Differential inhibition of thrombin- and EGF-stimulated human cultured airway smooth muscle proliferation by glucocorticoids. Pulmonary Pharmacology and Therapeutics, 2003, 16, 171-180.	2.6	22
100	Regulation of human airway mesenchymal cell proliferation by glucocorticoids and Î²2-adrenoceptor agonists. Pulmonary Pharmacology and Therapeutics, 2006, 19, 32-38.	2.6	22
101	Vasodilator actions of acetylcholine, A23187 and bradykinin in the guineaâ€pig isolated perfused heart are independent of prostacyclin. British Journal of Pharmacology, 1988, 95, 379-384.	5.4	21
102	Cool perfusion solutions for skin flaps: a new mixture of pharmacological agents which improves skin flap viability. Journal of Plastic, Reconstructive and Aesthetic Surgery, 1995, 48, 132-144.	1.1	20
103	Effects of low dose intra-arterial monoclonal antibodies to ICAM-1 and CD11/CD18 on local and systemic consequences of ischaemia-reperfusion injury in skeletal muscle. Journal of Plastic, Reconstructive and Aesthetic Surgery, 1996, 49, 202-209.	1.1	20
104	Plasminogen-Stimulated Inflammatory Cytokine Production by Airway Smooth Muscle Cells Is Regulated by Annexin A2. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 751-758.	2.9	20
105	Plasminogenâ€stimulated airway smooth muscle cell proliferation is mediated by urokinase and annexin <scp>A</scp>2, involving plasminâ€activated cell signalling. British Journal of Pharmacology, 2013, 170, 1421-1435.	5.4	20
106	1â€Oâ€hexadecylâ€2â€acetylâ€snâ€glyceroâ€3â€phospho (N,N,N trimethyl) hexanolamine: an analogue of plateletâ€activating factor with partial agonist activity. British Journal of Pharmacology, 1991, 104, 171-177.	5.4	19
107	Altered activation of the L-arginine nitric oxide pathway during and after cardiopulmonary bypass. Perfusion (United Kingdom), 1997, 12, 405-410.	1.0	19
108	More Muscle in Asthma, but Where Did It Come From?. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1035-1037.	5.6	19

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109	Biased signalling from the glucocorticoid receptor: Renewed opportunity for tailoring glucocorticoid activity. Biochemical Pharmacology, 2016, 112, 6-12.	4.4	19
110	Platelet-Activating Factor Biosynthesis in Rat Vascular Smooth Muscle Cells. Journal of Vascular Research, 1994, 31, 144-152.	1.4	18
111	Early Inducible Nitric Oxide Synthase 2 (NOS 2) Activity Enhances Ischaemic Skin Flap Survival. Angiogenesis, 2004, 7, 33-43.	7.2	18
112	Glucocorticoid resistance of migration and gene expression in a daughter MDA-MB-231 breast tumour cell line selected for high metastatic potential. Scientific Reports, 2017, 7, 43774.	3.3	18
113	Targeted Graphene Oxide Networks: Cytotoxicity and Synergy with Anticancer Agents. ACS Applied Materials & Interfaces, 2018, 10, 43523-43532.	8.0	18
114	Factors controlling airway smooth muscle proliferation in asthma. Current Allergy and Asthma Reports, 2004, 4, 109-115.	5.3	17
115	Laminin drives survival signals to promote a contractile smooth muscle phenotype and airway hyperreactivity. FASEB Journal, 2013, 27, 3991-4003.	0.5	17
116	Secreted Factors from Human Mast Cells Trigger Inflammatory Cytokine Production by Human Airway Smooth Muscle Cells. International Archives of Allergy and Immunology, 2013, 160, 75-85.	2.1	17
117	On-chip cell mechanophenotyping using phase modulated surface acoustic wave. Biomicrofluidics, 2019, 13, 024107.	2.4	17
118	Regulation of Airway Wall Remodeling: Prospects for the Development of Novel Antiasthma Drugs. Advances in Pharmacology, 1995, 33, 209-253.	2.0	16
119	Plasminogen Activation by Airway Smooth Muscle Is Regulated by Type I Collagen. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 831-839.	2.9	16
120	High-throughput microfluidic compressibility cytometry using multi-tilted-angle surface acoustic wave. Lab on A Chip, 2021, 21, 2812-2824.	6.0	16
121	Platelet-activating Factor and WEB-2086 Directly Modulate Rat Cardiomyocyte Contractility. Journal of Molecular and Cellular Cardiology, 1994, 26, 185-193.	1.9	15
122	A model of bridging angiogenesis in the rat. Journal of Plastic, Reconstructive and Aesthetic Surgery, 1998, 51, 243-249.	1.1	15
123	Mediators and receptors in the resolution of inflammation: drug targeting opportunities. British Journal of Pharmacology, 2009, 158, 933-935.	5.4	15
124	Leukotriene D4 potentiates histamine-induced bronchoconstriction in guinea-pigs. Agents and Actions, 1984, 15, 146-152.	0.7	14
125	CAN WE DIFFERENTIATE BETWEEN AIRWAY AND VASCULAR SMOOTH MUSCLE?. Clinical and Experimental Pharmacology and Physiology, 2004, 31, 805-810.	1.9	14
126	CD151, a laminin receptor showing increased expression in asthmatic patients, contributes to airway hyperresponsiveness through calcium signaling. Journal of Allergy and Clinical Immunology, 2017, 139, 82-92.e5.	2.9	14

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127	Aerosolized and intravenously administered leukotrienes: effects on the bronchoconstrictor potency of histamine in the guineaâ€pig. British Journal of Pharmacology, 1986, 87, 741-749.	5.4	13
128	The Role of Potassium Channels in the Inhibitory Effects ofÎ²2-adrenoceptor Agonists on DNA Synthesis in Human Cultured Airway Smooth Muscle. Pulmonary Pharmacology and Therapeutics, 1997, 10, 71-79.	2.6	13
129	The Survival of Skeletal Muscle Myoblasts in Vitro Is Sensitive to a Donor of Nitric Oxide and Superoxide, SIN-1, but Not to Nitric Oxide or Peroxynitrite Alone. Nitric Oxide - Biology and Chemistry, 1999, 3, 273-280.	2.7	13
130	Anti-remodelling drugs for the treatment of asthma: requirement for animal models of airway wall remodelling. Clinical and Experimental Pharmacology and Physiology, 2001, 28, 619-629.	1.9	13
131	Resolvin D2 Supports MCF-7 Cell Proliferation via Activation of Estrogen Receptor. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 172-180.	2.5	13
132	The Coagulant Factor Xa Induces Protease-Activated Receptor-1 and Annexin A2â€“Dependent Airway Smooth Muscle Cytokine Production and Cell Proliferation. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 200-209.	2.9	13
133	Platelet-activating factor may participate in signal transduction processes in rabbit leukocytes. Lipids, 1991, 26, 1044-1049.	1.7	12
134	On-chip surface acoustic wave and micropipette aspiration techniques to assess cell elastic properties. Biomicrofluidics, 2020, 14, 014114.	2.4	12
135	Managing Exacerbations in Thunderstorm Asthma: Current Insights. Journal of Inflammation Research, 2021, Volume 14, 4537-4550.	3.5	12
136	Total synthesis of the endogenous inflammation resolving lipid resolvin D2 using a common lynchpin. Beilstein Journal of Organic Chemistry, 2013, 9, 2762-2766.	2.2	11
137	Rhythm on a chip: circadian entrainment in vitro is the next frontier in body-on-a chip technology. Current Opinion in Pharmacology, 2019, 48, 127-136.	3.5	11
138	2-Morpholinoisoflav-3-enes as flexible intermediates in the synthesis of phenoxodiol, isophenoxodiol, equol and analogues: Vasorelaxant properties, estrogen receptor binding and Rho/RhoA kinase pathway inhibition. Bioorganic and Medicinal Chemistry, 2012, 20, 2353-2361.	3.0	10
139	Translational Pharmacology. Frontiers in Pharmacology, 2017, 8, 8.	3.5	10
140	Cortisol limits selected actions of synthetic glucocorticoids in the airway epithelium. FASEB Journal, 2018, 32, 1692-1704.	0.5	10
141	Macrophage activation reduces mobilization of arachidonic acid by guinea-pig and rat peritoneal macrophagesin vitro. Agents and Actions, 1990, 31, 290-297.	0.7	8
142	Nitrite is produced by elicited but not by circulating neutrophils. Mediators of Inflammation, 1993, 2, 349-356.	3.0	7
143	Annexin A1 Is Required for Efficient Tumor Initiation and Cancer Stem Cell Maintenance in a Model of Human Breast Cancer. Cancers, 2021, 13, 1154.	3.7	7
144	A Non-canonical Pathway with Potential for Safer Modulation of Transforming Growth Factor-Î²1 in Steroid-Resistant Airway Diseases. IScience, 2019, 12, 232-246.	4.1	7

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145	Thunderstorm asthma in seasonal allergic rhinitis: The TAISAR study. Journal of Allergy and Clinical Immunology, 2022, 149, 1607-1616.	2.9	7
146	CHARACTERIZATION OF SUBSTANCE P-INDUCED BRONCHOCONSTRICTION IN THE GUINEA-PIG: A COMPARISON WITH ACETYLCHOLINE. Clinical and Experimental Pharmacology and Physiology, 1986, 13, 223-232.	1.9	6
147	ACE2 Expression in Organotypic Human Airway Epithelial Cultures and Airway Biopsies. Frontiers in Pharmacology, 2022, 13, 813087.	3.5	6
148	DUAL MODES OF ACTION FOR DISODIUM CROMOGLYCATE IN INHIBITION OF ANTIGEN-INDUCED CONTRACTIONS OF GUINEA-PIG ISOLATED AIRWAYS SMOOTH MUSCLE. Clinical and Experimental Pharmacology and Physiology, 1983, 10, 595-603.	1.9	5
149	Growing up and advancing in airway smooth muscle research. Trends in Pharmacological Sciences, 2002, 23, 450-451.	8.7	5
150	LIPID MEDIATORS OF ANAPHYLAXIS AND INCREASED AIRWAYS REACTIVITY. Clinical and Experimental Pharmacology and Physiology, 1987, 14, 393-399.	1.9	4
151	CV 6209 IS A NON-COMPETITIVE ANTAGONIST OF PLATELET-ACTIVATING FACTOR RECEPTORS ON GUINEA-PIG RESIDENT PERITONEAL MACROPHAGES. Clinical and Experimental Pharmacology and Physiology, 1989, 16, 813-820.	1.9	4
152	Neonatal pneumococcal colonisation caused by Influenza A infection alters lung function in adult mice. Scientific Reports, 2016, 6, 22751.	3.3	4
153	Graphene Oxide as a Photoluminated Carrier. Materials Today: Proceedings, 2016, 3, 240-244.	1.8	4
154	Editorial: Accelerated Translation Using Microphysiological Organoid and Microfluidic Chip Models. Frontiers in Pharmacology, 2021, 12, 827172.	3.5	4
155	Attenuation of antigen-induced bronchospasm by fenoterol in the guinea-pig. Agents and Actions, 1984, 14, 31-38.	0.7	3
156	Neutrophil-independent protective effect of r-metHuG-CSF in ischaemia-reperfusion injury in rat skeletal muscle. International Journal of Experimental Pathology, 2000, 81, 41.	1.3	3
157	Thrombin-stimulated DNA Synthesis in Human Cultured Airway Smooth Muscle Occurs Independently of Products of Cyclo-oxygenase or 5-Lipoxygenase. Pulmonary Pharmacology and Therapeutics, 2000, 13, 241-248.	2.6	3
158	Airways smooth muscle: The next generation. Pulmonary Pharmacology and Therapeutics, 2009, 22, 351-352.	2.6	3
159	Reply: Airway Smooth Muscle Hypertrophy and Hyperplasia in Asthma. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 569-569.	5.6	3
160	Altered energy metabolism and metabolic gene expression associated with increased metastatic capacity identified in MDA-MB-231 cell line variants. Journal of Cancer Metastasis and Treatment, 0, 2018, .	0.8	3
161	Role of Tyrosine Phosphorylation in the Signalling of Superoxide Anion Generation in Platelet-Activating-Factor-Stimulated Peritoneal Macrophages. Cellular Physiology and Biochemistry, 1996, 6, 271-282.	1.6	2
162	R2D₂ for C₄Eo: an â€˜allianceâ€™ of PGD₂ receptors is required for LTC₄ production by human eosinophils. British Journal of Pharmacology, 2011, 162, 1671-1673.	5.4	2

#	Article	IF	Citations
163	Potential for airway smooth muscle as therapeutic target is reflected in the breadth of expertise of next generation scientists. Pulmonary Pharmacology and Therapeutics, 2013, 26, 1-2.	2.6	2
164	Comprehensive multiplexed superfusion system enables physiological emulation in cell culture: exemplification by persistent circadian entrainment. Lab on A Chip, 2022, 22, 1137-1148.	6.0	2
165	Synergy between tumour necrosis factor Î± and granulocyte-macrophage colony-stimulating factor in neutrophil stimulation. Agents and Actions, 1994, 41, C157-C158.	0.7	1
166	HUMAN MONOCYTES MAINTAINED IN CULTURE ACQUIRE FUNCTIONAL RESPONSIVENESS TO PLATELET-ACTIVATING FACTOR THAT IS INDEPENDENT OF INCREASES IN PROTEIN TYROSINE PHOSPHORYLATION. Clinical and Experimental Pharmacology and Physiology, 1997, 24, 563-569.	1.9	1
167	FcÎµ Receptor Expression in Human Airway Smooth Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 560-560.	2.9	1
168	Pulmonary therapeutics: rethinking the regimens and re-imagining the targets. Current Opinion in Pharmacology, 2013, 13, 313-315.	3.5	1
169	Translational Pharmacology and Clinical Trials. , 2021, , .		1
170	An Automated Quantitative Method to Analyze Immunohistochemistry and Immunocytochemistry Images. Journal of Engineering and Science in Medical Diagnostics and Therapy, 2020, 3, .	0.5	1
171	Organ Ischaemia-reperfusion Injury: The Role and Therapeutic Potential of Nitric Oxide. , 1999, , 367-395.		1
172	Interaction between leukotriene C4 and histamine in the guinea-pig. Prostaglandins, 1984, 28, 644-645.	1.2	0
173	Importance of Basal and Agonist-Stimulated Intracellular Calcium for Superoxide Anion Generation in Peritoneal Macrophages. Cellular Physiology and Biochemistry, 1993, 3, 117-126.	1.6	0
174	A blinded randomised, controlled trial comparing dopamine, noradrenaline, S-methylisothiourea sulphate and volume in a porcine model of endotoxin shock. Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine, 1997, 8, 287-295.	0.1	0
175	Molecular and cellular targets in tissue remodelling. Pulmonary Pharmacology and Therapeutics, 2006, 19, 1-2.	2.6	0
176	The Non-Estrogenic Steroidal Analogue Of 2-Methoxyestradiol, CP2117, Reduces Lipopolysaccharide Induced Lung Injury: Role Of Annexin-2. , 2011, , .		0
177	Transforming Growth Factor Beta (TGFBeta) Induces Glucocorticoid-Resistance In A549 Adenocarcinoma Cell Line By Reducing Glucocorticoid Receptor Nuclear Localisation. , 2011, , .		0
178	Plasmin Stimulates Airway Smooth Muscle Cells To Proliferate And Produce Interleukin-6. , 2011, , .		0
179	Secreted Factors From Human Mast Cells Trigger Inflammatory Cytokine Production From Human Airway Smooth Muscle Cells. , 2011, , .		0
180	TGF-Â²-Stimulated Differentiation Of Airway Smooth Muscle Cells Is Inhibited By FGF-2. , 2012, , .		0

#	Article	IF	Citations
181	Plasminogen Evokes Extracelullar Matrix Remodeling By Human Airway Fibroblasts. , 2012, , .		0
182	Transforming Growth Factor Beta (TGF-ÃŸ) Impaired Glucocorticoid Responses In Airway Structural Cells: Known Non-Canonical Pathways Are Not Involved. , 2012, , .		0
183	The Non-Coding RNA Gas5, A Decoy Nucleotide For The Glucocorticoid Receptor, Is Expressed In Human Airway Smooth Muscle And Epithelial Cells. , 2012, , .		0
184	Tumour Necrosis Factor-Â±, Interleukin-4 And Interleukin-13 Impair Glucocorticoid Transactivation In Human Bronchial Epithelial Cells. , 2012, , .		0
185	Editorial overview: Engineering drug discovery technologies: clinical trial on-a-chip. Current Opinion in Pharmacology, 2019, 48, vii-ix.	3.5	0
186	Airway smooth muscle cells. , 2000, , 263-302.		0
187	Angiogenesis in Wound Healing and Surgery. , 2002, , 105-113.		0
188	Proteome profiling reveals candidate mediators of TGF-Î²-induced glucocorticoid resistance. , 2015, , .		0
189	Respiratory syncytial virus induces glucocorticoid insensitivity. , 2015, , .		0
190	Casein Kinase 1 delta/epsilon inhibitors: A new class of anti-asthma agents?. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY64-1.	0.0	0
191	Getting the right traction for anti-fibrotic drug evaluation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY80-2.	0.0	0
192	Inhibition of viral infection-induced inflammatory responses by targeting the CLOCK regulator casein kinase 1 Î´/&epsilon. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-5-11.	0.0	0