

# Michael R Blackburn

## List of Publications by Year in descending order

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96  
papers

7,814  
citations

34105

52  
h-index

51608

86  
g-index

97  
all docs

97  
docs citations

97  
times ranked

9796  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adenosine and hyaluronan promote lung fibrosis and pulmonary hypertension in combined pulmonary fibrosis and emphysema. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	31
2	Resetting microbiota by <i>Lactobacillus reuteri</i> inhibits T reg deficiency-induced autoimmunity via adenosine A2A receptors. <i>Journal of Experimental Medicine</i> , 2017, 214, 107-123.	8.5	136
3	Beneficial Role of Erythrocyte Adenosine A2B Receptor-Mediated AMP-Activated Protein Kinase Activation in High-Altitude Hypoxia. <i>Circulation</i> , 2016, 134, 405-421.	1.6	115
4	Altered Hypoxic-Adenosine Axis and Metabolism in Group III Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 574-583.	2.9	41
5	Extracellular Adenosine Production by ecto-5'-Nucleotidase (CD73) Enhances Radiation-Induced Lung Fibrosis. <i>Cancer Research</i> , 2016, 76, 3045-3056.	0.9	60
6	Extracellular adenosine levels are associated with the progression and exacerbation of pulmonary fibrosis. <i>FASEB Journal</i> , 2016, 30, 874-883.	0.5	38
7	STAT3 contributes to pulmonary fibrosis through epithelial injury and fibroblast-myofibroblast differentiation. <i>FASEB Journal</i> , 2016, 30, 129-140.	0.5	142
8	Elevated adenosine signaling via adenosine A2B receptor induces normal and sickle erythrocyte sphingosine kinase 1 activity. <i>Blood</i> , 2015, 125, 1643-1652.	1.4	44
9	Alveolar Epithelial A2B Adenosine Receptors in Pulmonary Protection during Acute Lung Injury. <i>Journal of Immunology</i> , 2015, 195, 1815-1824.	0.8	80
10	Elevated Placental Adenosine Signaling Contributes to the Pathogenesis of Preeclampsia. <i>Circulation</i> , 2015, 131, 730-741.	1.6	68
11	Deletion of ADORA2B from myeloid cells dampens lung fibrosis and pulmonary hypertension. <i>FASEB Journal</i> , 2015, 29, 50-60.	0.5	66
12	Loss of CD73-mediated actin polymerization promotes endometrial tumor progression. <i>Journal of Clinical Investigation</i> , 2015, 126, 220-238.	8.2	68
13	Alveolar Type II Epithelial Cell Dysfunction in Rat Experimental Hepatopulmonary Syndrome (HPS). <i>PLoS ONE</i> , 2014, 9, e113451.	2.5	21
14	Blockade of IL-6 Signaling Attenuates Pulmonary Fibrosis. <i>Journal of Immunology</i> , 2014, 193, 3755-3768.	0.8	247
15	Hypoxia-induced Deoxycytidine Kinase Contributes to Epithelial Proliferation in Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1402-1412.	5.6	48
16	Adenosine promotes vascular barrier function in hyperoxic lung injury. <i>Physiological Reports</i> , 2014, 2, e12155.	1.7	29
17	The p97-UFD1L-NPL4 Protein Complex Mediates Cytokine-Induced $\beta$ -Tubulin Proteolysis. <i>Molecular and Cellular Biology</i> , 2014, 34, 335-347.	2.3	43
18	Muc5b is required for airway defence. <i>Nature</i> , 2014, 505, 412-416.	27.8	617

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19	Excess adenosine A2B receptor signaling contributes to priapism through HIF $\alpha$ mediated reduction of PDE5 gene expression. <i>FASEB Journal</i> , 2014, 28, 2725-2735.	0.5	34
20	Future Directions in Idiopathic Pulmonary Fibrosis Research. An NHLBI Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 214-222.	5.6	199
21	Adenosine A2B Receptor and Hyaluronan Modulate Pulmonary Hypertension Associated with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 1038-1047.	2.9	61
22	Elevated Ecto-5'-nucleotidase-Mediated Increased Renal Adenosine Signaling Via A2B Adenosine Receptor Contributes to Chronic Hypertension. <i>Circulation Research</i> , 2013, 112, 1466-1478.	4.5	74
23	Adenosine signaling during acute and chronic disease states. <i>Journal of Molecular Medicine</i> , 2013, 91, 173-181.	3.9	114
24	Hypoxia-induced deoxycytidine kinase expression contributes to apoptosis in chronic lung disease. <i>FASEB Journal</i> , 2013, 27, 2013-2026.	0.5	28
25	Crosstalk between the equilibrative nucleoside transporter ENT2 and alveolar Adora2b adenosine receptors dampens acute lung injury. <i>FASEB Journal</i> , 2013, 27, 3078-3089.	0.5	95
26	A Semiautomated Framework for Integrating Expert Knowledge into Disease Marker Identification. <i>Disease Markers</i> , 2013, 35, 513-523.	1.3	3
27	Adenosine and Dopamine Receptors Coregulate Photoreceptor Coupling via Gap Junction Phosphorylation in Mouse Retina. <i>Journal of Neuroscience</i> , 2013, 33, 3135-3150.	3.6	123
28	Aqp5 Is a New Transcriptional Target of Dot1a and a Regulator of Aqp2. <i>PLoS ONE</i> , 2013, 8, e53342.	2.5	48
29	Interleukin 6 Underlies Angiotensin II-Induced Hypertension and Chronic Renal Damage. <i>Hypertension</i> , 2012, 59, 136-144.	2.7	163
30	Osteopontin in Systemic Sclerosis and Its Role in Dermal Fibrosis. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1605-1614.	0.7	71
31	Cadherin-11 contributes to pulmonary fibrosis: potential role in TGF $\beta$ production and epithelial to mesenchymal transition. <i>FASEB Journal</i> , 2012, 26, 503-512.	0.5	116
32	Sustained Adenosine Exposure Causes Lung Endothelial Barrier Dysfunction via Nucleoside Transporter-Mediated Signaling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 604-613.	2.9	16
33	Adenosine Deaminase Deficiency: Unanticipated Benefits from the Study of a Rare Immunodeficiency. <i>Journal of Immunology</i> , 2012, 188, 933-935.	0.8	15
34	Role of A2B Adenosine Receptors in Regulation of Paracrine Functions of Stem Cell Antigen 1-Positive Cardiac Stromal Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 341, 764-774.	2.5	28
35	Equilibrative nucleoside transporter 1 (ENT1) regulates postischemic blood flow during acute kidney injury in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 693-710.	8.2	99
36	Excessive Penile Norepinephrine Level Underlies Impaired Erectile Function in Adenosine A1 Receptor Deficient Mice. <i>Journal of Sexual Medicine</i> , 2012, 9, 2552-2561.	0.6	12

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37	The A <sub>2B</sub> adenosine receptor modulates pulmonary hypertension associated with interstitial lung disease. <i>FASEB Journal</i> , 2012, 26, 2546-2557.	0.5	90
38	Spare PRELI Gene Loci: Failsafe Chromosome Insurance?. <i>PLoS ONE</i> , 2012, 7, e37949.	2.5	2
39	A <sub>2B</sub> adenosine receptor contributes to penile erection via PI3K/AKT signaling cascade-mediated eNOS activation. <i>FASEB Journal</i> , 2011, 25, 2823-2830.	0.5	36
40	Interleukin-6 Contributes to Inflammation and Remodeling in a Model of Adenosine Mediated Lung Injury. <i>PLoS ONE</i> , 2011, 6, e22667.	2.5	94
41	P2Y <sub>6</sub> and vascular inflammation. <i>Blood</i> , 2011, 117, 2304-2305.	1.4	3
42	Detrimental effects of adenosine signaling in sickle cell disease. <i>Nature Medicine</i> , 2011, 17, 79-86.	30.7	172
43	Coordinate activation of inflammatory gene networks, alveolar destruction and neonatal death in AKNA deficient mice. <i>Cell Research</i> , 2011, 21, 1564-1577.	12.0	27
44	Adenosinergic Regulation of the Expansion and Immunosuppressive Activity of CD11b+Gr1+ Cells. <i>Journal of Immunology</i> , 2011, 187, 6120-6129.	0.8	223
45	Correction: Levels of Adenosine Deaminase on Dendritic Cells Promote Autoreactive T Cell Activation and Diabetes in Nonobese Diabetic Mice. <i>Journal of Immunology</i> , 2011, 187, 2031-2031.	0.8	0
46	IL-6 Mediates 11 $\beta$ HSD Type 2 to Effect Progression of the Mycobacterial Cord Factor Trehalose 6,6 $\alpha$ -Dimycolate-Induced Granulomatous Response. <i>NeuroImmunoModulation</i> , 2011, 18, 212-225.	1.8	7
47	High Levels of Adenosine Deaminase on Dendritic Cells Promote Autoreactive T Cell Activation and Diabetes in Nonobese Diabetic Mice. <i>Journal of Immunology</i> , 2011, 186, 6798-6806.	0.8	23
48	Distinct Roles for the A <sub>2B</sub> Adenosine Receptor in Acute and Chronic Stages of Bleomycin-Induced Lung Injury. <i>Journal of Immunology</i> , 2011, 186, 1097-1106.	0.8	101
49	Adenosine Deaminase Enzyme Therapy Prevents and Reverses the Heightened Cavernal Relaxation in Priapism. <i>Journal of Sexual Medicine</i> , 2010, 7, 3011-3022.	0.6	38
50	Adenosine mediated desensitization of cAMP signaling enhances T $\alpha$ cell responses. <i>European Journal of Immunology</i> , 2010, 40, 449-459.	2.9	9
51	Alterations in Adenosine Metabolism and Signaling in Patients with Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. <i>PLoS ONE</i> , 2010, 5, e9224.	2.5	118
52	Adenosine and osteopontin contribute to the development of chronic obstructive pulmonary disease. <i>FASEB Journal</i> , 2010, 24, 70-80.	0.5	42
53	Increased adenosine contributes to penile fibrosis, a dangerous feature of priapism, via A <sub>2B</sub> adenosine receptor signaling. <i>FASEB Journal</i> , 2010, 24, 740-749.	0.5	75
54	A Role of Erythrocytes in Adenosine Monophosphate Initiation of Hypometabolism in Mammals. <i>Journal of Biological Chemistry</i> , 2010, 285, 20716-20723.	3.4	45

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55	Attenuation of Chronic Pulmonary Inflammation in A <sub>2B</sub> Adenosine Receptor Knockout Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 42, 564-571.	2.9	52
56	A <sub>2B</sub> Adenosine Receptors Protect against Sepsis-Induced Mortality by Dampening Excessive Inflammation. <i>Journal of Immunology</i> , 2010, 185, 542-550.	0.8	117
57	Enhanced Airway Inflammation and Remodeling in Adenosine Deaminase-Deficient Mice Lacking the A <sub>2B</sub> Adenosine Receptor. <i>Journal of Immunology</i> , 2009, 182, 8037-8046.	0.8	60
58	Adenosine receptors as targets for therapeutic intervention in asthma and chronic obstructive pulmonary disease. <i>Trends in Pharmacological Sciences</i> , 2009, 30, 528-535.	8.7	95
59	Endogenous Adenosine Selectively Modulates Oxidant Stress via the A <sub>1</sub> Receptor in Ischemic Hearts. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2641-2650.	5.4	20
60	Adenosine signaling contributes to ethanol-induced fatty liver in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 582-594.	8.2	152
61	Neonatal bone marrow transplantation of ADA-deficient SCID mice results in immunologic reconstitution despite low levels of engraftment and an absence of selective donor T lymphoid expansion. <i>Blood</i> , 2008, 111, 5745-5754.	1.4	24
62	Pharmacological Blockade of A <sub>2A</sub> Receptors Prevents Dermal Fibrosis in a Model of Elevated Tissue Adenosine. <i>American Journal of Pathology</i> , 2008, 172, 1675-1682.	3.8	58
63	Effect of A <sub>2B</sub> Adenosine Receptor Gene Ablation on Adenosine-Dependent Regulation of Proinflammatory Cytokines. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 694-700.	2.5	106
64	Coordinated Changes in mRNA Turnover, Translation, and RNA Processing Bodies in Bronchial Epithelial Cells following Inflammatory Stimulation. <i>Molecular and Cellular Biology</i> , 2008, 28, 7414-7426.	2.3	43
65	A <sub>3</sub> Adenosine Receptor Signaling Influences Pulmonary Inflammation and Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 697-705.	2.9	49
66	Disease-Specific Gene Expression Profiling in Multiple Models of Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 376-387.	5.6	96
67	Excess adenosine in murine penile erectile tissues contributes to priapism via A <sub>2B</sub> adenosine receptor signaling. <i>Journal of Clinical Investigation</i> , 2008, 118, 1491-1501.	8.2	128
68	Enhanced CXCL1 production and angiogenesis in adenosine-mediated lung disease. <i>FASEB Journal</i> , 2007, 21, 1026-1036.	0.5	32
69	Genetic modulation of adenosine receptor function and adenosine handling in murine hearts: Insights and issues. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, 693-705.	1.9	13
70	Central Role of Muc5ac Expression in Mucous Metaplasia and Its Regulation by Conserved 5' Elements. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 37, 273-290.	2.9	155
71	Modulation of ischaemic contracture in mouse hearts: a "supraphysiological" response to adenosine. <i>Experimental Physiology</i> , 2007, 92, 175-185.	2.0	6
72	Adenosine signaling in asthma and chronic obstructive pulmonary disease. <i>Current Opinion in Pulmonary Medicine</i> , 2006, 12, 54-59.	2.6	62

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73	Constant darkness is a circadian metabolic signal in mammals. <i>Nature</i> , 2006, 439, 340-343.	27.8	207
74	A3Adenosine Receptor Signaling Contributes to Airway Mucin Secretion after Allergen Challenge. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 549-558.	2.9	44
75	Effects of adenosine deaminase and A1 receptor deficiency in normoxic and ischaemic mouse hearts. <i>Cardiovascular Research</i> , 2006, 71, 79-87.	3.8	24
76	In Vivo Transduction by Intravenous Injection of a Lentiviral Vector Expressing Human ADA into Neonatal ADA Gene Knockout Mice: A Novel Form of Enzyme Replacement Therapy for ADA Deficiency. <i>Molecular Therapy</i> , 2006, 13, 1110-1120.	8.2	56
77	Adenosine metabolism and murine strain-specific IL-4-induced inflammation, emphysema, and fibrosis. <i>Journal of Clinical Investigation</i> , 2006, 116, 1274-1283.	8.2	62
78	Role of A2B adenosine receptor signaling in adenosine-dependent pulmonary inflammation and injury. <i>Journal of Clinical Investigation</i> , 2006, 116, 2173-2182.	8.2	231
79	Genetic Deletion of the A1Adenosine Receptor Limits Myocardial Ischemic Tolerance. <i>Circulation Research</i> , 2005, 96, 363-367.	4.5	56
80	Adenosine Deaminase Deficiency: Metabolic Basis of Immune Deficiency and Pulmonary Inflammation. <i>Advances in Immunology</i> , 2005, 86, 1-41.	2.2	138
81	Abnormal Alveolar Development Associated with Elevated Adenine Nucleosides. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 30, 38-50.	2.9	17
82	A1 adenosine receptors mediate hypoglycemia-induced neuronal injury. <i>Journal of Molecular Endocrinology</i> , 2004, 32, 129-144.	2.5	32
83	Mucin Is Produced by Clara Cells in the Proximal Airways of Antigen-Challenged Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 31, 382-394.	2.9	263
84	Expression of Capacitative Calcium TrpC Proteins in Rat Myometrium During Pregnancy <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 70, 919-924.	2.7	44
85	Mechanisms of apoptosis in developing thymocytes as revealed by adenosine deaminase-deficient fetal thymic organ cultures. <i>Biochemical Pharmacology</i> , 2003, 66, 1595-1599.	4.4	21
86	Impact of endogenous adenosine on airway hyperreactivity. <i>Drug Development Research</i> , 2003, 58, 472-478.	2.9	1
87	Too much of a good thing: adenosine overload in adenosine-deaminase-deficient mice. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 66-70.	8.7	121
88	A1 adenosine receptors mediate hypoxia-induced ventriculomegaly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11718-11722.	7.1	115
89	Adenosine mediates IL-13-induced inflammation and remodeling in the lung and interacts in an IL-13-adenosine amplification pathway. <i>Journal of Clinical Investigation</i> , 2003, 112, 332-344.	8.2	147
90	Metabolic Consequences of Adenosine Deaminase Deficiency in Mice Are Associated with Defects in Alveogenesis, Pulmonary Inflammation, and Airway Obstruction. <i>Journal of Experimental Medicine</i> , 2000, 192, 159-170.	8.5	198

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91	The Importance of Adenosine Deaminase for Lymphocyte Development and Function. <i>Biochemical and Biophysical Research Communications</i> , 2000, 272, 311-315.	2.1	74
92	Adenosine Deaminase-deficient Mice Generated Using a Two-stage Genetic Engineering Strategy Exhibit a Combined Immunodeficiency. <i>Journal of Biological Chemistry</i> , 1998, 273, 5093-5100.	3.4	148
93	Tissue-specific Rescue Suggests That Placental Adenosine Deaminase Is Important for Fetal Development in Mice. <i>Journal of Biological Chemistry</i> , 1995, 270, 23891-23894.	3.4	54
94	Murine ecto-5'-nucleotidase (CD73): cDNA cloning and tissue distribution. <i>Gene</i> , 1993, 133, 171-177.	2.2	76
95	Ontogeny of Adenosine Deaminase in the Mouse Decidua and Placenta: Immunolocalization and Embryo Transfer Studies <sup>1</sup> . <i>Biology of Reproduction</i> , 1991, 44, 171-184.	2.7	48
96	Early postimplantation embryo lethality in mice following in utero inhibition of adenosine deaminase with 2-â€²-deoxycoformycin. <i>Teratology</i> , 1989, 40, 615-626.	1.6	32