Simon C Robson

List of Publications by Year
in descending order

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420 papers	29,331 citations	4370 86 h-index	7496 151 g-index
426 all docs	426 docs citations	426 times ranked	27552 citing authors

#	Article	IF	Citations
1	Adenosine generation catalyzed by CD39 and CD73 expressed on regulatory T cells mediates immune suppression. Journal of Experimental Medicine, 2007, 204, 1257-1265.	4.2	2,000
2	The E-NTPDase family of ectonucleotidases: Structure function relationships and pathophysiological significance. Purinergic Signalling, 2006, 2, 409-430.	1.1	795
3	Heart transplantation in baboons using Î±1,3-galactosyltransferase gene-knockout pigs as donors: initial experience. Nature Medicine, 2005, 11, 29-31.	15.2	645
4	The ectonucleotidases <scp>CD</scp>39 and <scp>CD</scp>73: Novel checkpoint inhibitor targets. Immunological Reviews, 2017, 276, 121-144.	2.8	637
5	Purinergic Signaling during Inflammation. New England Journal of Medicine, 2012, 367, 2322-2333.	13.9	579
6	Negative feedback control of neuronal activity by microglia. Nature, 2020, 586, 417-423.	13.7	520
7	Targeted disruption of cd39/ATP diphosphohydrolase results in disordered hemostasis and thromboregulation. Nature Medicine, 1999, 5, 1010-1017.	15.2	519
8	Identification and Characterization of CD39/Vascular ATP Diphosphohydrolase. Journal of Biological Chemistry, 1996, 271, 33116-33122.	1.6	508
9	Coordinated Adenine Nucleotide Phosphohydrolysis and Nucleoside Signaling in Posthypoxic Endothelium. Journal of Experimental Medicine, 2003, 198, 783-796.	4.2	444
10	Carbon Monoxide Generated by Heme Oxygenase-1 Suppresses the Rejection of Mouse-to-Rat Cardiac Transplants. Journal of Immunology, 2001, 166, 4185-4194.	0.4	440
11	Metabolic control of type 1 regulatory T cell differentiation by AHR and HIF1-Î±. Nature Medicine, 2015, 21, 638-646.	15.2	374
12	Control of tumor-associated macrophages and T cells in glioblastoma via AHR and CD39. Nature Neuroscience, 2019, 22, 729-740.	7.1	327
13	ATP Release From Activated Neutrophils Occurs via Connexin 43 and Modulates Adenosine-Dependent Endothelial Cell Function. Circulation Research, 2006, 99, 1100-1108.	2.0	314
14	CD39 is the dominant Langerhans cellâ€“associated ecto-NTPDase: Modulatory roles in inflammation and immune responsiveness. Nature Medicine, 2002, 8, 358-365.	15.2	312
15	CD39 Expression Identifies Terminally Exhausted CD8+ T Cells. PLoS Pathogens, 2015, 11, e1005177.	2.1	296
16	IL-27 acts on DCs to suppress the T cell response and autoimmunity by inducing expression of the immunoregulatory molecule CD39. Nature Immunology, 2013, 14, 1054-1063.	7.0	294
17	Loss of ATP Diphosphohydrolase Activity with Endothelial Cell Activation. Journal of Experimental Medicine, 1997, 185, 153-164.	4.2	278
18	Stat3 and Gfi-1 Transcription Factors Control Th17 Cell Immunosuppressive Activity via the Regulation of Ectonucleotidase Expression. Immunity, 2012, 36, 362-373.	6.6	275

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19	Barriers to xenotransplantation. Nature Medicine, 1995, 1, 869-873.	15.2	259
20	Comparative hydrolysis of P2 receptor agonists by NTPDases 1, 2, 3 and 8. Purinergic Signalling, 2005, 1, 193-204.	1.1	258
21	CD39 deletion exacerbates experimental murine colitis and human polymorphisms increase susceptibility to inflammatory bowel disease. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16788-16793.	3.3	255
22	CD39/ENTPD1 Expression by CD4+Foxp3+ Regulatory T Cells Promotes Hepatic Metastatic Tumor Growth in Mice. Gastroenterology, 2010, 139, 1030-1040.	0.6	240
23	CD39 and control of cellular immune responses. Purinergic Signalling, 2007, 3, 171-180.	1.1	233
24	Fibrin degradation product Dâ€dimer induces the synthesis and release of biologically active ILâ€1Î², ILâ€6 and plasminogen activator inhibitors from monocytes in vitro. British Journal of Haematology, 1994, 86, 322-326.	1.2	220
25	Differential catalytic properties and vascular topography of murine nucleoside triphosphate diphosphohydrolase 1 (NTPDase1) and NTPDase2 have implications for thromboregulation. Blood, 2002, 99, 2801-2809.	0.6	217
26	Ectonucleotidases as Regulators of Purinergic Signaling in Thrombosis, Inflammation, and Immunity. Advances in Pharmacology, 2011, 61, 301-332.	1.2	217
27	Uncertainty in xenotransplantation: Individual benefit versus collective risk. Nature Medicine, 1998, 4, 141-144.	15.2	213
28	Endothelial Cell Activation and Thromboregulation during Xenograft Rejection. Immunological Reviews, 1994, 141, 5-30.	2.8	205
29	The Mitochondrial Uncoupling Protein-2 Promotes Chemoresistance in Cancer Cells. Cancer Research, 2008, 68, 2813-2819.	0.4	203
30	Expression of CD39 by Human Peripheral Blood CD4+CD25+ T Cells Denotes a Regulatory Memory Phenotype. American Journal of Transplantation, 2010, 10, 2410-2420.	2.6	199
31	Central role of Sp1-regulated CD39 in hypoxia/ischemia protection. Blood, 2009, 113, 224-232.	0.6	196
32	CD39/Ectonucleoside Triphosphate Diphosphohydrolase 1 Provides Myocardial Protection During Cardiac Ischemia/Reperfusion Injury. Circulation, 2007, 116, 1784-1794.	1.6	192
33	CD150high Bone Marrow Tregs Maintain Hematopoietic Stem Cell Quiescence and Immune Privilege via Adenosine. Cell Stem Cell, 2018, 22, 445-453.e5.	5.2	188
34	Ectonucleotidases of CD39 Family Modulate Vascular Inflammation and Thrombosis in Transplantation. Seminars in Thrombosis and Hemostasis, 2005, 31, 217-233.	1.5	185
35	Î±1,3-Galactosyltransferase Gene-Knockout Pig Heart Transplantation in Baboons with Survival Approaching 6 Months. Transplantation, 2005, 80, 1493-1500.	0.5	178
36	Increased Intestinal Microbial Diversity Following Fecal Microbiota Transplant for Active CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2016, 22, 2182-2190.	0.9	175

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37	The metabolite BH4 controls T cell proliferation in autoimmunity and cancer. Nature, 2018, 563, 564-568.	13.7	174
38	Targeting CD39 in Cancer Reveals an Extracellular ATP- and Inflammasome-Driven Tumor Immunity. Cancer Discovery, 2019, 9, 1754-1773.	7.7	173
39	An intestinal commensal symbiosis factor controls neuroinflammation via TLR2-mediated CD39 signalling. Nature Communications, 2014, 5, 4432.	5.8	167
40	COAGULATION AND THROMBOTIC DISORDERS ASSOCIATED WITH PIG ORGAN AND HEMATOPOIETIC CELL TRANSPLANTATION IN NONHUMAN PRIMATES. Transplantation, 2000, 70, 1323-1331.	0.5	164
41	Expression of the ecto-ATPase NTPDase2 in the germinal zones of the developing and adult rat brain. European Journal of Neuroscience, 2003, 17, 1355-1364.	1.2	159
42	Dysfunctional CD39^{POS}regulatory T cells and aberrant control of T-helper type 17 cells in autoimmune hepatitis. Hepatology, 2014, 59, 1007-1015.	3.6	158
43	PORCINE KIDNEY AND HEART TRANSPLANTATION IN BABOONS UNDERGOING A TOLERANCE INDUCTION REGIMEN AND ANTIBODY ADSORPTION1. Transplantation, 1999, 67, 18-30.	0.5	155
44	Disordered regulation of coagulation and platelet activation in xenotransplantation. Xenotransplantation, 2000, 7, 166-176.	1.6	154
45	Thromboregulatory manifestations in human CD39 transgenic mice and the implications for thrombotic disease and transplantation. Journal of Clinical Investigation, 2004, 113, 1440-1446.	3.9	150
46	Carbon Monoxide Orchestrates a Protective Response through PPARÎ³. Immunity, 2006, 24, 601-610.	6.6	146
47	P2Y6 Nucleotide Receptor Mediates Monocyte Interleukin-8 Production in Response to UDP or Lipopolysaccharide. Journal of Biological Chemistry, 2001, 276, 26051-26056.	1.6	141
48	Contribution of Eâ€NTPDasel (CD39) to renal protection from ischemiaâ€reperfusion injury. FASEB Journal, 2007, 21, 2863-2873.	0.2	140
49	Ecto-nucleotidases of the CD39/NTPDase family modulate platelet activation and thrombus formation: Potential as therapeutic targets. Blood Cells, Molecules, and Diseases, 2006, 36, 217-222.	0.6	136
50	Thrombotic Microangiopathy Associated with Humoral Rejection of Cardiac Xenografts from Î±1,3-Galactosyltransferase Gene-Knockout Pigs in Baboons. American Journal of Pathology, 2008, 172, 1471-1481.	1.9	132
51	ACUTEâ€PHASE RESPONSE AND THE HYPERCOAGULABLE STATE IN PULMONARY TUBERCULOSIS. British Journal of Haematology, 1996, 93, 943-949.	1.2	131
52	Identification of prognostic biomarkers in hepatitis B virus-related hepatocellular carcinoma and stratification by integrative multi-omics analysis. Journal of Hepatology, 2014, 61, 840-849.	1.8	131
53	DISSEMINATED INTRAVASCULAR COAGULATION IN ASSOCIATION WITH THE DELAYED REJECTION OF PIG-TO-BABOON RENAL XENOGRAFTS. Transplantation, 1998, 66, 1439-1450.	0.5	125
54	Assignment of ecto-nucleoside triphosphate diphosphohydrolase-1/cd39 expression to microglia and vasculature of the brain. European Journal of Neuroscience, 2000, 12, 4357-66.	1.2	123

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55	Vascular CD39/ENTPD1 Directly Promotes Tumor Cell Growth by Scavenging Extracellular Adenosine Triphosphate. Neoplasia, 2011, 13, 206-IN2.	2.3	122
56	CD73-generated extracellular adenosine in chronic lymphocytic leukemia creates local conditions counteracting drug-induced cell death. Blood, 2011, 118, 6141-6152.	0.6	122
57	Sublethal heat treatment promotes epithelial-mesenchymal transition and enhances the malignant potential of hepatocellular carcinoma. Hepatology, 2013, 58, 1667-1680.	3.6	122
58	TLR stimulation initiates a CD39-based autoregulatory mechanism that limits macrophage inflammatory responses. Blood, 2013, 122, 1935-1945.	0.6	122
59	CD39 limits P2X7 receptor inflammatory signaling and attenuates sepsis-induced liver injury. Journal of Hepatology, 2017, 67, 716-726.	1.8	122
60	Structural Elements and Limited Proteolysis of CD39 Influence ATP Diphosphohydrolase Activityâ€. Biochemistry, 1999, 38, 2248-2258.	1.2	118
61	EFFECT OF PORCINE ENDOTHELIAL TISSUE FACTOR PATHWAY INHIBITOR ON HUMAN COAGULATION FACTORS1. Transplantation, 1997, 63, 749-758.	0.5	113
62	Purinergic P2X4 receptors and mitochondrial ATP production regulate T cell migration. Journal of Clinical Investigation, 2018, 128, 3583-3594.	3.9	110
63	Modification of vascular responses in xenotransplantation: Inflammation and apoptosis. Nature Medicine, 1997, 3, 944-948.	15.2	108
64	Nucleoside triphosphate diphosphohydrolase-2 (NTPDase2/CD39L1) is the dominant ectonucleotidase expressed by rat astrocytes. Neuroscience, 2006, 138, 421-432.	1.1	108
65	Ecto-nucleoside Triphosphate Diphosphohydrolase 1 (E-NTPDase1/CD39) Regulates Neutrophil Chemotaxis by Hydrolyzing Released ATP to Adenosine. Journal of Biological Chemistry, 2008, 283, 28480-28486.	1.6	108
66	Impact of CD39 and purinergic signalling on the growth and metastasis of colorectal cancer. Purinergic Signalling, 2011, 7, 231-241.	1.1	108
67	Extracellular nucleotides as negative modulators of immunity. Current Opinion in Pharmacology, 2009, 9, 507-513.	1.7	107
68	SP1-Dependent Induction of CD39 Facilitates Hepatic Ischemic Preconditioning. Journal of Immunology, 2010, 184, 4017-4024.	0.4	105
69	A commensal bacterial product elicits and modulates migratory capacity of CD39⁺CD4 T regulatory subsets in the suppression of neuroinflammation. Gut Microbes, 2014, 5, 552-561.	4.3	104
70	P2X7 Integrates PI3K/AKT and AMPK-PRAS40-mTOR Signaling Pathways to Mediate Tumor Cell Death. PLoS ONE, 2013, 8, e60184.	1.1	102
71	PIG KIDNEY TRANSPLANTATION IN BABOONS: Anti-Gal??1-3Gal IgM Alone Is Associated with Acute Humoral Xenograft Rejection and Disseminated Intravascular Coagulation1. Transplantation, 2001, 72, 1743-1752.	0.5	101
72	Association of the ecto-ATPase NTPDase2 with glial cells of the peripheral nervous system. Glia, 2004, 45, 124-132.	2.5	100

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73	XENOGENEIC ENDOTHELIAL CELLS ACTIVATE HUMAN PROTHROMBIN1,2. Transplantation, 1997, 64, 888-896.	0.5	100
74	NTPDase1 governs P2X₇â€dependent functions in murine macrophages. European Journal of Immunology, 2010, 40, 1473-1485.	1.6	99
75	Transgenic swine: Expression of human CD39 protects against myocardial injury. Journal of Molecular and Cellular Cardiology, 2012, 52, 958-961.	0.9	99
76	Results of Gal-Knockout Porcine Thymokidney Xenografts. American Journal of Transplantation, 2009, 9, 2669-2678.	2.6	97
77	Making sense of regulatory T cell suppressive function. Seminars in Immunology, 2011, 23, 282-292.	2.7	97
78	Modulation of endothelial cell migration by extracellular nucleotides. Thrombosis and Haemostasis, 2005, 93, 735-742.	1.8	95
79	The ectonucleotidase cd39/ENTPDase1 modulates purinergicâ€mediated microglial migration. Glia, 2008, 56, 331-341.	2.5	94
80	Extracellular ATP and ADP Activate Transcription Factor NF-ÎºB and Induce Endothelial Cell Apoptosis. Biochemical and Biophysical Research Communications, 1998, 248, 822-829.	1.0	93
81	Rejection of Cardiac Xenografts Transplanted from Î±1,3-Galactosyltransferase Gene-Knockout (GalT-KO) Pigs to Baboons. American Journal of Transplantation, 2008, 8, 2516-2526.	2.6	93
82	Enteric Glia Modulate Macrophage Phenotype and Visceral Sensitivity following Inflammation. Cell Reports, 2020, 32, 108100.	2.9	93
83	The ecto-nucleoside triphosphate diphosphohydrolase NTPDase2/CD39L1 is expressed in a novel functional compartment within the liver. Hepatology, 2002, 36, 1135-1144.	3.6	91
84	Salutary effects of adiponectin on colon cancer: in vivo and in vitro studies in mice. Gut, 2013, 62, 561-570.	6.1	91
85	Control of IBMIR in Neonatal Porcine Islet Xenotransplantation in Baboons. American Journal of Transplantation, 2014, 14, 1300-1309.	2.6	91
86	Heme Oxygenase-1-Generated Biliverdin Ameliorates Experimental Murine Colitis. Inflammatory Bowel Diseases, 2005, 11, 350-359.	0.9	90
87	Transgenic Overexpression of CD39 Protects Against Renal Ischemia-Reperfusion and Transplant Vascular Injury. American Journal of Transplantation, 2010, 10, 2586-2595.	2.6	90
88	Role of the ectonucleotidase NTPDase2 in taste bud function. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14789-14794.	3.3	90
89	Disordered Purinergic Signaling Inhibits Pathological Angiogenesis in Cd39/Entpd1-Null Mice. American Journal of Pathology, 2007, 171, 1395-1404.	1.9	89
90	Deletion of Cd39/Entpd1 Results in Hepatic Insulin Resistance. Diabetes, 2008, 57, 2311-2320.	0.3	89

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91	Role of Endothelial Cells in Transplantation (Part 1 of 2). International Archives of Allergy and Immunology, 1995, 106, 305-314.	0.9	88
92	Porcine cytomegalovirus and coagulopathy in pig-to-primate xenotransplantation1. Transplantation, 2003, 75, 1841-1847.	0.5	88
93	Functional expression of the ecto-ATPase NTPDase2 and of nucleotide receptors by neuronal progenitor cells in the adult murine hippocampus. Journal of Neuroscience Research, 2005, 80, 600-610.	1.3	87
94	Possible Effects of Microbial Ecto-Nucleoside Triphosphate Diphosphohydrolases on Host-Pathogen Interactions. Microbiology and Molecular Biology Reviews, 2008, 72, 765-781.	2.9	87
95	Luminal Extracellular Vesicles (EVs) in Inflammatory Bowel Disease (IBD) Exhibit Proinflammatory Effects on Epithelial Cells and Macrophages. Inflammatory Bowel Diseases, 2016, 22, 1587-1595.	0.9	86
96	Palmitoylation Targets CD39/Endothelial ATP Diphosphohydrolase to Caveolae. Journal of Biological Chemistry, 2000, 275, 2057-2062.	1.6	85
97	Thrombotic Microangiopathic Glomerulopathy in Human Decay Accelerating Factorâ€“Transgenic Swine-to-Baboon Kidney Xenografts. Journal of the American Society of Nephrology: JASN, 2005, 16, 2732-2745.	3.0	85
98	ACUTE VASCULAR REJECTION OF XENOGRAFTS: ROLES OF NATURAL AND ELICITED XENOREACTIVE ANTIBODIES IN ACTIVATION OF VASCULAR ENDOTHELIAL CELLS AND INDUCTION OF PROCOAGULANT ACTIVITY. Transplantation, 2004, 77, 1735-1741.	0.5	84
99	Factors in Xenograft Rejection. Annals of the New York Academy of Sciences, 1999, 875, 261-276.	1.8	83
100	Natural killer T cell dysfunction in CD39-null mice protects against concanavalin A-induced hepatitis. Hepatology, 2008, 48, 841-852.	3.6	83
101	Purinergic signalling in the liver in health and disease. Purinergic Signalling, 2014, 10, 51-70.	1.1	81
102	??-GALACTOSYL EPITOPE-MEDIATED ACTIVATION OF PORCINE AORTIC ENDOTHELIAL CELLS. Transplantation, 1998, 65, 971-978.	0.5	81
103	Mitochondrial recoupling: a novel therapeutic strategy for cancer?. British Journal of Cancer, 2011, 105, 469-474.	2.9	80
104	CD39 and CD161 Modulate Th17 Responses in Crohn's Disease. Journal of Immunology, 2014, 193, 3366-3377.	0.4	79
105	Intestinal alkaline phosphatase promotes gut bacterial growth by reducing the concentration of luminal nucleotide triphosphates. American Journal of Physiology - Renal Physiology, 2014, 306, G826-G838.	1.6	79
106	Controlling coagulation dysregulation in xenotransplantation. Current Opinion in Organ Transplantation, 2011, 16, 214-221.	0.8	77
107	Infusion of CD133+ Bone Marrowâ€“Derived Stem Cells After Selective Portal Vein Embolization Enhances Functional Hepatic Reserves After Extended Right Hepatectomy. Annals of Surgery, 2012, 255, 79-85.	2.1	76
108	Disordered purinergic signaling and abnormal cellular metabolism are associated with development of liver cancer inCd39/Entpd1null Mice. Hepatology, 2013, 57, 205-216.	3.6	75

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109	Purinergic signaling during intestinal inflammation. Journal of Molecular Medicine, 2017, 95, 915-925.	1.7	75
110	APYRASE ADMINISTRATION PROLONGS DISCORDANT XENOGRAFT SURVIVAL1,2,3,4. Transplantation, 1996, 62, 1739-1743.	0.5	75
111	Beneficial effects of CD39/ecto-nucleoside triphosphate diphosphohydrolase-1 in murine intestinal ischemia-reperfusion injury. Thrombosis and Haemostasis, 2004, 91, 576-586.	1.8	74
112	Aspirin use is associated with lower indices of liver fibrosis among adults in the United States. Alimentary Pharmacology and Therapeutics, 2016, 43, 734-743.	1.9	74
113	Tâ€cellâ€mediated immunological barriers to xenotransplantation. Xenotransplantation, 2012, 19, 23-30.	1.6	73
114	Regulated Catalysis of Extracellular Nucleotides by Vascular CD39/ENTPD1 Is Required for Liver Regeneration. Gastroenterology, 2008, 135, 1751-1760.	0.6	71
115	Predictors of Endoscopic Inflammation in Patients With Ulcerative Colitis in Clinical Remission. Inflammatory Bowel Diseases, 2013, 19, 779-784.	0.9	71
116	The C-terminal cysteine-rich region dictates specific catalytic properties in chimeras of the ectonucleotidases NTPDase1 and NTPDase2. FEBS Journal, 2001, 268, 364-373.	0.2	70
117	Expression of NTPDase1 and NTPDase2 in murine kidney: relevance to regulation of P2 receptor signaling. American Journal of Physiology - Renal Physiology, 2005, 288, F1032-F1043.	1.3	70
118	Conversion of extracellular ATP into adenosine: a master switch in renal health and disease. Nature Reviews Nephrology, 2020, 16, 509-524.	4.1	70
119	Isolated CD39 Expression on CD4+ T Cells Denotes both Regulatory and Memory Populations. American Journal of Transplantation, 2009, 9, 2303-2311.	2.6	67
120	Whole-exome sequencing reveals the origin and evolution of hepato-cholangiocarcinoma. Nature Communications, 2018, 9, 894.	5.8	67
121	Bilirubin suppresses Th17 immunity in colitis by upregulating CD39. JCI Insight, 2017, 2, .	2.3	67
122	Deletion of CD39 on natural killer cells attenuates hepatic ischemia/reperfusion injury in mice. Hepatology, 2010, 51, 1702-1711.	3.6	66
123	Biological functions of ecto-enzymes in regulating extracellular adenosine levels in neoplastic and inflammatory disease states. Journal of Molecular Medicine, 2013, 91, 165-172.	1.7	65
124	Purinergic signaling in scarring. FASEB Journal, 2016, 30, 3-12.	0.2	65
125	Thrombin activates nuclear factor-kappaB and potentiates endothelial cell activation by TNF. Journal of Immunology, 1997, 159, 5620-8.	0.4	65
126	The role of purinergic signaling in the liver and in transplantation: effects of extracellular nucleotides on hepatic graft vascular injury, rejection and metabolism. Frontiers in Bioscience - Landmark, 2008, 13, 2588.	3.0	64

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127	The role of NK cells and CD39 in the immunological control of tumor metastases. OncoImmunology, 2019, 8, e1593809.	2.1	64
128	Localization of plasma membrane bound NTPDases in the murine reproductive tract. Histochemistry and Cell Biology, 2009, 131, 615-628.	0.8	63
129	Carbon monoxide protects the kidney through the central circadian clock and CD39. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2302-E2310.	3.3	61
130	Clinical lung xenotransplantation â€“ what donor genetic modifications may be necessary?. Xenotransplantation, 2012, 19, 144-158.	1.6	60
131	Control of Metastases via Myeloid CD39 and NK Cell Effector Function. Cancer Immunology Research, 2020, 8, 356-367.	1.6	60
132	INHIBITION OF PLATELET INTEGRIN GPIIbIIIa PROLONGS SURVIVAL OF DISCORDANT CARDIAC XENOGRAFTS1,2. Transplantation, 1996, 62, 1-5.	0.5	60
133	Protective Effects of Recombinant Human Antithrombin III in Pig-to-Primate Renal Xenotransplantation. American Journal of Transplantation, 2002, 2, 520-525.	2.6	59
134	NADH oxidase-dependent CD39 expression by CD8+ T cells modulates interferon gamma responses via generation of adenosine. Nature Communications, 2015, 6, 8819.	5.8	59
135	Renal and Cardiac Endothelial Heterogeneity Impact Acute Vascular Rejection in Pig-to-Baboon Xenotransplantation. American Journal of Transplantation, 2009, 9, 1006-1016.	2.6	58
136	CD39 expression by hepatic myeloid dendritic cells attenuates inflammation in liver transplant ischemia-reperfusion injury in mice. Hepatology, 2013, 58, 2163-2175.	3.6	57
137	Pathologic Characteristics of Transplanted Kidney Xenografts. Journal of the American Society of Nephrology: JASN, 2012, 23, 225-235.	3.0	56
138	Up to 9â€day survival and control of thrombocytopenia following alpha1,3â€galactosyl transferase knockout swine liver xenotransplantation in baboons. Xenotransplantation, 2012, 19, 256-264.	1.6	56
139	Pathological roles of purinergic signaling in the liver. Journal of Hepatology, 2012, 57, 916-920.	1.8	56
140	Disordered hemostasis in extrahepatic portal hypertension. Hepatology, 1993, 18, 853-857.	3.6	55
141	RECOMBINANT ADENOVIRAL MEDIATED CD39 GENE TRANSFER PROLONGS CARDIAC XENOGRAFT SURVIVAL1. Transplantation, 2000, 70, 864-870.	0.5	55
142	Assignment of ectoâ€nucleoside triphosphate diphosphohydrolaseâ€1/cd39 expression to microglia and vasculature of the brain. European Journal of Neuroscience, 2000, 12, 4357-4366.	1.2	55
143	CD39 is incorporated into plasma microparticles where it maintains functional properties and impacts endothelial activation. British Journal of Haematology, 2008, 142, 627-637.	1.2	55
144	CD39 as a Caveolar-Associated Ectonucleotidase. Biochemical and Biophysical Research Communications, 1999, 262, 596-599.	1.0	54

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145	CD39 Modulates IL-1 Release from Activated Endothelial Cells. Biochemical and Biophysical Research Communications, 2000, 270, 272-278.	1.0	54
146	Erythrocyte Membrane ATP Binding Cassette (ABC) Proteins: MRP1 and CFTR as Well as CD39 (Ecto-apyrase) Involved in RBC ATP Transport and Elevated Blood Plasma ATP of Cystic Fibrosis. Blood Cells, Molecules, and Diseases, 2001, 27, 165-180.	0.6	54
147	Enzymatic Properties of an Ecto-nucleoside Triphosphate Diphosphohydrolase from Legionella pneumophila. Journal of Biological Chemistry, 2008, 283, 12909-12918.	1.6	54
148	THROMBIN INHIBITION IN AN EX VIVO MODEL OF PORCINE HEART XENOGRAFT HYPERACUTE REJECTION1. Transplantation, 1996, 61, 862-868.	0.5	54
149	Characterization of Human CD39+ Th17 Cells with Suppressor Activity and Modulation in Inflammatory Bowel Disease. PLoS ONE, 2014, 9, e87956.	1.1	54
150	Noise exposure induces up-regulation of ecto-nucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. Neuroscience, 2004, 126, 763-773.	1.1	53
151	Metabolism of circulating ADP in the bloodstream is mediated via integrated actions of soluble adenylate kinaseâ€1 and NTPDase1/CD39 activities. FASEB Journal, 2012, 26, 3875-3883.	0.2	53
152	CD39 improves survival in microbial sepsis by attenuating systemic inflammation. FASEB Journal, 2015, 29, 25-36.	0.2	53
153	Isolation from human fetal liver of cells co-expressing CD34 haematopoietic stem cell and CAM 5.2 pancytokeratin markers. Journal of Hepatology, 1998, 29, 450-454.	1.8	52
154	Identification and Characterization of a Novel Hepatic Canalicular ATP Diphosphohydrolase. Journal of Biological Chemistry, 2000, 275, 5640-5647.	1.6	52
155	O-Linked glycosylation and functional incompatibility of porcine von Willebrand factor for human platelet GPIb receptors. Xenotransplantation, 2005, 12, 30-37.	1.6	52
156	<scp>CD</scp>73 is a phenotypic marker of effector memory <scp>T</scp>h17 cells in inflammatory bowel disease. European Journal of Immunology, 2012, 42, 3062-3072.	1.6	50
157	Analysis of CD39/ATP diphosphohydrolase (ATPDase) expression in endothelial cells, platelets and leukocytes. Thrombosis and Haemostasis, 1999, 82, 1538-44.	1.8	50
158	Progress towards overcoming coagulopathy and hemostatic dysfunction associated with xenotransplantation. International Journal of Surgery, 2015, 23, 296-300.	1.1	49
159	EFFECT OF REPETITIVE HIGH-DOSE TREATMENT WITH SOLUBLE COMPLEMENT RECEPTOR TYPE 1 AND COBRA VENOM FACTOR ON DISCORDANT XENOGRAFT SURVIVAL1,2. Transplantation, 1996, 62, 336-342.	0.5	49
160	Expression and Distribution of Ectonucleotidases in Mouse Urinary Bladder. PLoS ONE, 2011, 6, e18704.	1.1	49
161	Adenosine signaling mediates hypoxic responses in the chronic lymphocytic leukemia microenvironment. Blood Advances, 2016, 1, 47-61.	2.5	48
162	Cross-Regulation of Carbon Monoxide and the Adenosine A2a Receptor in Macrophages. Journal of Immunology, 2007, 178, 5921-5929.	0.4	47

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