

Simon C Robson

List of Publications by Year in descending order

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420
papers

29,331
citations

4388

86
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7518

151
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426
all docs

426
docs citations

426
times ranked

27552
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#	ARTICLE	IF	CITATIONS
1	Adenosine generation catalyzed by CD39 and CD73 expressed on regulatory T cells mediates immune suppression. <i>Journal of Experimental Medicine</i> , 2007, 204, 1257-1265.	8.5	2,000
2	The E-NTPDase family of ectonucleotidases: Structure function relationships and pathophysiological significance. <i>Purinergic Signalling</i> , 2006, 2, 409-430.	2.2	795
3	Heart transplantation in baboons using α 1,3-galactosyltransferase gene-knockout pigs as donors: initial experience. <i>Nature Medicine</i> , 2005, 11, 29-31.	30.7	645
4	The ectonucleotidases α CD39 and α CD73: Novel checkpoint inhibitor targets. <i>Immunological Reviews</i> , 2017, 276, 121-144.	6.0	637
5	Purinergic Signaling during Inflammation. <i>New England Journal of Medicine</i> , 2012, 367, 2322-2333.	27.0	579
6	Negative feedback control of neuronal activity by microglia. <i>Nature</i> , 2020, 586, 417-423.	27.8	520
7	Targeted disruption of cd39/ATP diphosphohydrolase results in disordered hemostasis and thromboregulation. <i>Nature Medicine</i> , 1999, 5, 1010-1017.	30.7	519
8	Identification and Characterization of CD39/Vascular ATP Diphosphohydrolase. <i>Journal of Biological Chemistry</i> , 1996, 271, 33116-33122.	3.4	508
9	Coordinated Adenine Nucleotide Phosphohydrolysis and Nucleoside Signaling in Posthypoxic Endothelium. <i>Journal of Experimental Medicine</i> , 2003, 198, 783-796.	8.5	444
10	Carbon Monoxide Generated by Heme Oxygenase-1 Suppresses the Rejection of Mouse-to-Rat Cardiac Transplants. <i>Journal of Immunology</i> , 2001, 166, 4185-4194.	0.8	440
11	Metabolic control of type 1 regulatory T cell differentiation by AHR and HIF1 α . <i>Nature Medicine</i> , 2015, 21, 638-646.	30.7	374
12	Control of tumor-associated macrophages and T cells in glioblastoma via AHR and CD39. <i>Nature Neuroscience</i> , 2019, 22, 729-740.	14.8	327
13	ATP Release From Activated Neutrophils Occurs via Connexin 43 and Modulates Adenosine-Dependent Endothelial Cell Function. <i>Circulation Research</i> , 2006, 99, 1100-1108.	4.5	314
14	CD39 is the dominant Langerhans cell-associated ecto-NTPDase: Modulatory roles in inflammation and immune responsiveness. <i>Nature Medicine</i> , 2002, 8, 358-365.	30.7	312
15	CD39 Expression Identifies Terminally Exhausted CD8 ⁺ T Cells. <i>PLoS Pathogens</i> , 2015, 11, e1005177.	4.7	296
16	IL-27 acts on DCs to suppress the T cell response and autoimmunity by inducing expression of the immunoregulatory molecule CD39. <i>Nature Immunology</i> , 2013, 14, 1054-1063.	14.5	294
17	Loss of ATP Diphosphohydrolase Activity with Endothelial Cell Activation. <i>Journal of Experimental Medicine</i> , 1997, 185, 153-164.	8.5	278
18	Stat3 and Gfi-1 Transcription Factors Control Th17 Cell Immunosuppressive Activity via the Regulation of Ectonucleotidase Expression. <i>Immunity</i> , 2012, 36, 362-373.	14.3	275

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19	Barriers to xenotransplantation. <i>Nature Medicine</i> , 1995, 1, 869-873.	30.7	259
20	Comparative hydrolysis of P2 receptor agonists by NTPDases 1, 2, 3 and 8. <i>Purinergic Signalling</i> , 2005, 1, 193-204.	2.2	258
21	CD39 deletion exacerbates experimental murine colitis and human polymorphisms increase susceptibility to inflammatory bowel disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16788-16793.	7.1	255
22	CD39/ENTPD1 Expression by CD4+Foxp3+ Regulatory T Cells Promotes Hepatic Metastatic Tumor Growth in Mice. <i>Gastroenterology</i> , 2010, 139, 1030-1040.	1.3	240
23	CD39 and control of cellular immune responses. <i>Purinergic Signalling</i> , 2007, 3, 171-180.	2.2	233
24	Fibrin degradation product Dâ€dimer induces the synthesis and release of biologically active ILâ€1 ^{Î²} , ILâ€6 and plasminogen activator inhibitors from monocytes <i>in vitro</i>. <i>British Journal of Haematology</i> , 1994, 86, 322-326.	2.5	220
25	Differential catalytic properties and vascular topography of murine nucleoside triphosphate diphosphohydrolase 1 (NTPDase1) and NTPDase2 have implications for thromboregulation. <i>Blood</i> , 2002, 99, 2801-2809.	1.4	217
26	Ectonucleotidases as Regulators of Purinergic Signaling in Thrombosis, Inflammation, and Immunity. <i>Advances in Pharmacology</i> , 2011, 61, 301-332.	2.0	217
27	Uncertainty in xenotransplantation: Individual benefit versus collective risk. <i>Nature Medicine</i> , 1998, 4, 141-144.	30.7	213
28	Endothelial Cell Activation and Thromboregulation during Xenograft Rejection. <i>Immunological Reviews</i> , 1994, 141, 5-30.	6.0	205
29	The Mitochondrial Uncoupling Protein-2 Promotes Chemoresistance in Cancer Cells. <i>Cancer Research</i> , 2008, 68, 2813-2819.	0.9	203
30	Expression of CD39 by Human Peripheral Blood CD4+CD25+ T Cells Denotes a Regulatory Memory Phenotype. <i>American Journal of Transplantation</i> , 2010, 10, 2410-2420.	4.7	199
31	Central role of Sp1-regulated CD39 in hypoxia/ischemia protection. <i>Blood</i> , 2009, 113, 224-232.	1.4	196
32	CD39/Ectonucleoside Triphosphate Diphosphohydrolase 1 Provides Myocardial Protection During Cardiac Ischemia/Reperfusion Injury. <i>Circulation</i> , 2007, 116, 1784-1794.	1.6	192
33	CD150 ^{high} Bone Marrow Tregs Maintain Hematopoietic Stem Cell Quiescence and Immune Privilege via Adenosine. <i>Cell Stem Cell</i> , 2018, 22, 445-453.e5.	11.1	188
34	Ectonucleotidases of CD39 Family Modulate Vascular Inflammation and Thrombosis in Transplantation. <i>Seminars in Thrombosis and Hemostasis</i> , 2005, 31, 217-233.	2.7	185
35	Î±1,3-Galactosyltransferase Gene-Knockout Pig Heart Transplantation in Baboons with Survival Approaching 6 Months. <i>Transplantation</i> , 2005, 80, 1493-1500.	1.0	178
36	Increased Intestinal Microbial Diversity Following Fecal Microbiota Transplant for Active Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2182-2190.	1.9	175

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37	The metabolite BH4 controls T cell proliferation in autoimmunity and cancer. <i>Nature</i> , 2018, 563, 564-568.	27.8	174
38	Targeting CD39 in Cancer Reveals an Extracellular ATP- and Inflammasome-Driven Tumor Immunity. <i>Cancer Discovery</i> , 2019, 9, 1754-1773.	9.4	173
39	An intestinal commensal symbiosis factor controls neuroinflammation via TLR2-mediated CD39 signalling. <i>Nature Communications</i> , 2014, 5, 4432.	12.8	167
40	COAGULATION AND THROMBOTIC DISORDERS ASSOCIATED WITH PIG ORGAN AND HEMATOPOIETIC CELL TRANSPLANTATION IN NONHUMAN PRIMATES. <i>Transplantation</i> , 2000, 70, 1323-1331.	1.0	164
41	Expression of the ecto-ATPase NTPDase2 in the germinal zones of the developing and adult rat brain. <i>European Journal of Neuroscience</i> , 2003, 17, 1355-1364.	2.6	159
42	Dysfunctional CD39 ^{POS} regulatory T cells and aberrant control of T-helper type 17 cells in autoimmune hepatitis. <i>Hepatology</i> , 2014, 59, 1007-1015.	7.3	158
43	PORCINE KIDNEY AND HEART TRANSPLANTATION IN BABOONS UNDERGOING A TOLERANCE INDUCTION REGIMEN AND ANTIBODY ADSORPTION1. <i>Transplantation</i> , 1999, 67, 18-30.	1.0	155
44	Disordered regulation of coagulation and platelet activation in xenotransplantation. <i>Xenotransplantation</i> , 2000, 7, 166-176.	2.8	154
45	Thromboregulatory manifestations in human CD39 transgenic mice and the implications for thrombotic disease and transplantation. <i>Journal of Clinical Investigation</i> , 2004, 113, 1440-1446.	8.2	150
46	Carbon Monoxide Orchestrates a Protective Response through PPAR β . <i>Immunity</i> , 2006, 24, 601-610.	14.3	146
47	P2Y6 Nucleotide Receptor Mediates Monocyte Interleukin-8 Production in Response to UDP or Lipopolysaccharide. <i>Journal of Biological Chemistry</i> , 2001, 276, 26051-26056.	3.4	141
48	Contribution of Ecto-NTPDase1 (CD39) to renal protection from ischemia-reperfusion injury. <i>FASEB Journal</i> , 2007, 21, 2863-2873.	0.5	140
49	Ecto-nucleotidases of the CD39/NTPDase family modulate platelet activation and thrombus formation: Potential as therapeutic targets. <i>Blood Cells, Molecules, and Diseases</i> , 2006, 36, 217-222.	1.4	136
50	Thrombotic Microangiopathy Associated with Humoral Rejection of Cardiac Xenografts from β 1,3-Galactosyltransferase Gene-Knockout Pigs in Baboons. <i>American Journal of Pathology</i> , 2008, 172, 1471-1481.	3.8	132
51	ACUTE PHASE RESPONSE AND THE HYPERCOAGULABLE STATE IN PULMONARY TUBERCULOSIS. <i>British Journal of Haematology</i> , 1996, 93, 943-949.	2.5	131
52	Identification of prognostic biomarkers in hepatitis B virus-related hepatocellular carcinoma and stratification by integrative multi-omics analysis. <i>Journal of Hepatology</i> , 2014, 61, 840-849.	3.7	131
53	DISSEMINATED INTRAVASCULAR COAGULATION IN ASSOCIATION WITH THE DELAYED REJECTION OF PIG-TO-BABOON RENAL XENOGRAFTS. <i>Transplantation</i> , 1998, 66, 1439-1450.	1.0	125
54	Assignment of ecto-nucleoside triphosphate diphosphohydrolase-1/cd39 expression to microglia and vasculature of the brain. <i>European Journal of Neuroscience</i> , 2000, 12, 4357-66.	2.6	123

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55	Vascular CD39/ENTPD1 Directly Promotes Tumor Cell Growth by Scavenging Extracellular Adenosine Triphosphate. <i>Neoplasia</i> , 2011, 13, 206-IN2.	5.3	122
56	CD73-generated extracellular adenosine in chronic lymphocytic leukemia creates local conditions counteracting drug-induced cell death. <i>Blood</i> , 2011, 118, 6141-6152.	1.4	122
57	Sublethal heat treatment promotes epithelial-mesenchymal transition and enhances the malignant potential of hepatocellular carcinoma. <i>Hepatology</i> , 2013, 58, 1667-1680.	7.3	122
58	TLR stimulation initiates a CD39-based autoregulatory mechanism that limits macrophage inflammatory responses. <i>Blood</i> , 2013, 122, 1935-1945.	1.4	122
59	CD39 limits P2X7 receptor inflammatory signaling and attenuates sepsis-induced liver injury. <i>Journal of Hepatology</i> , 2017, 67, 716-726.	3.7	122
60	Structural Elements and Limited Proteolysis of CD39 Influence ATP Diphosphohydrolase Activity. <i>Biochemistry</i> , 1999, 38, 2248-2258.	2.5	118
61	EFFECT OF PORCINE ENDOTHELIAL TISSUE FACTOR PATHWAY INHIBITOR ON HUMAN COAGULATION FACTORS1. <i>Transplantation</i> , 1997, 63, 749-758.	1.0	113
62	Purinergic P2X4 receptors and mitochondrial ATP production regulate T cell migration. <i>Journal of Clinical Investigation</i> , 2018, 128, 3583-3594.	8.2	110
63	Modification of vascular responses in xenotransplantation: Inflammation and apoptosis. <i>Nature Medicine</i> , 1997, 3, 944-948.	30.7	108
64	Nucleoside triphosphate diphosphohydrolase-2 (NTPDase2/CD39L1) is the dominant ectonucleotidase expressed by rat astrocytes. <i>Neuroscience</i> , 2006, 138, 421-432.	2.3	108
65	Ecto-nucleoside Triphosphate Diphosphohydrolase 1 (E-NTPDase1/CD39) Regulates Neutrophil Chemotaxis by Hydrolyzing Released ATP to Adenosine. <i>Journal of Biological Chemistry</i> , 2008, 283, 28480-28486.	3.4	108
66	Impact of CD39 and purinergic signalling on the growth and metastasis of colorectal cancer. <i>Purinergic Signalling</i> , 2011, 7, 231-241.	2.2	108
67	Extracellular nucleotides as negative modulators of immunity. <i>Current Opinion in Pharmacology</i> , 2009, 9, 507-513.	3.5	107
68	SP1-Dependent Induction of CD39 Facilitates Hepatic Ischemic Preconditioning. <i>Journal of Immunology</i> , 2010, 184, 4017-4024.	0.8	105
69	A commensal bacterial product elicits and modulates migratory capacity of CD39 ⁺ CD4 T regulatory subsets in the suppression of neuroinflammation. <i>Gut Microbes</i> , 2014, 5, 552-561.	9.8	104
70	P2X7 Integrates PI3K/AKT and AMPK-PRAS40-mTOR Signaling Pathways to Mediate Tumor Cell Death. <i>PLoS ONE</i> , 2013, 8, e60184.	2.5	102
71	PIG KIDNEY TRANSPLANTATION IN BABOONS: Anti-Gal β 1-3Gal IgM Alone Is Associated with Acute Humoral Xenograft Rejection and Disseminated Intravascular Coagulation1. <i>Transplantation</i> , 2001, 72, 1743-1752.	1.0	101
72	Association of the ecto-ATPase NTPDase2 with glial cells of the peripheral nervous system. <i>Glia</i> , 2004, 45, 124-132.	4.9	100

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73	XENOGENEIC ENDOTHELIAL CELLS ACTIVATE HUMAN PROTHROMBIN1,2. Transplantation, 1997, 64, 888-896.	1.0	100
74	NTPDase1 governs P2X ₇ -dependent functions in murine macrophages. European Journal of Immunology, 2010, 40, 1473-1485.	2.9	99
75	Transgenic swine: Expression of human CD39 protects against myocardial injury. Journal of Molecular and Cellular Cardiology, 2012, 52, 958-961.	1.9	99
76	Results of Gal-Knockout Porcine Thymokidney Xenografts. American Journal of Transplantation, 2009, 9, 2669-2678.	4.7	97
77	Making sense of regulatory T cell suppressive function. Seminars in Immunology, 2011, 23, 282-292.	5.6	97
78	Modulation of endothelial cell migration by extracellular nucleotides. Thrombosis and Haemostasis, 2005, 93, 735-742.	3.4	95
79	The ectonucleotidase <i>cd39</i> /ENTPDase1 modulates purinergic-mediated microglial migration. Glia, 2008, 56, 331-341.	4.9	94
80	Extracellular ATP and ADP Activate Transcription Factor NF- κ B and Induce Endothelial Cell Apoptosis. Biochemical and Biophysical Research Communications, 1998, 248, 822-829.	2.1	93
81	Rejection of Cardiac Xenografts Transplanted from α 1,3-Galactosyltransferase Gene-Knockout (GalT-KO) Pigs to Baboons. American Journal of Transplantation, 2008, 8, 2516-2526.	4.7	93
82	Enteric Glia Modulate Macrophage Phenotype and Visceral Sensitivity following Inflammation. Cell Reports, 2020, 32, 108100.	6.4	93
83	The ecto-nucleoside triphosphate diphosphohydrolase NTPDase2/CD39L1 is expressed in a novel functional compartment within the liver. Hepatology, 2002, 36, 1135-1144.	7.3	91
84	Salutary effects of adiponectin on colon cancer: in vivo and in vitro studies in mice. Gut, 2013, 62, 561-570.	12.1	91
85	Control of IBMIR in Neonatal Porcine Islet Xenotransplantation in Baboons. American Journal of Transplantation, 2014, 14, 1300-1309.	4.7	91
86	Heme Oxygenase-1-Generated Biliverdin Ameliorates Experimental Murine Colitis. Inflammatory Bowel Diseases, 2005, 11, 350-359.	1.9	90
87	Transgenic Overexpression of CD39 Protects Against Renal Ischemia-Reperfusion and Transplant Vascular Injury. American Journal of Transplantation, 2010, 10, 2586-2595.	4.7	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.	7.1	90
89	Disordered Purinergic Signaling Inhibits Pathological Angiogenesis in Cd39/Entpd1-Null Mice. American Journal of Pathology, 2007, 171, 1395-1404.	3.8	89
90	Deletion of Cd39/Entpd1 Results in Hepatic Insulin Resistance. Diabetes, 2008, 57, 2311-2320.	0.6	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.	2.1	88
92	Porcine cytomegalovirus and coagulopathy in pig-to-primate xenotransplantation1. Transplantation, 2003, 75, 1841-1847.	1.0	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.	2.9	87
94	Possible Effects of Microbial Ecto-Nucleoside Triphosphate Diphosphohydrolases on Host-Pathogen Interactions. Microbiology and Molecular Biology Reviews, 2008, 72, 765-781.	6.6	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.	1.9	86
96	Palmitoylation Targets CD39/Endothelial ATP Diphosphohydrolase to Caveolae. Journal of Biological Chemistry, 2000, 275, 2057-2062.	3.4	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.	6.1	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.	1.0	84
99	Factors in Xenograft Rejection. Annals of the New York Academy of Sciences, 1999, 875, 261-276.	3.8	83
100	Natural killer T cell dysfunction in CD39-null mice protects against concanavalin A-induced hepatitis. Hepatology, 2008, 48, 841-852.	7.3	83
101	Purinergic signalling in the liver in health and disease. Purinergic Signalling, 2014, 10, 51-70.	2.2	81
102	??-GALACTOSYL EPILOPE-MEDIATED ACTIVATION OF PORCINE AORTIC ENDOTHELIAL CELLS. Transplantation, 1998, 65, 971-978.	1.0	81
103	Mitochondrial recoupling: a novel therapeutic strategy for cancer?. British Journal of Cancer, 2011, 105, 469-474.	6.4	80
104	CD39 and CD161 Modulate Th17 Responses in Crohn's Disease. Journal of Immunology, 2014, 193, 3366-3377.	0.8	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.	3.4	79
106	Controlling coagulation dysregulation in xenotransplantation. Current Opinion in Organ Transplantation, 2011, 16, 214-221.	1.6	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.	4.2	76
108	Disordered purinergic signaling and abnormal cellular metabolism are associated with development of liver cancer in <i>Cd39/Entpd1</i> null Mice. Hepatology, 2013, 57, 205-216.	7.3	75

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109	Purinergic signaling during intestinal inflammation. <i>Journal of Molecular Medicine</i> , 2017, 95, 915-925.	3.9	75
110	APYRASE ADMINISTRATION PROLONGS DISCORDANT XENOGRAFT SURVIVAL ^{1,2,3,4} . <i>Transplantation</i> , 1996, 62, 1739-1743.	1.0	75
111	Beneficial effects of CD39/ecto-nucleoside triphosphate diphosphohydrolase-1 in murine intestinal ischemia-reperfusion injury. <i>Thrombosis and Haemostasis</i> , 2004, 91, 576-586.	3.4	74
112	Aspirin use is associated with lower indices of liver fibrosis among adults in the United States. <i>Alimentary Pharmacology and Therapeutics</i> , 2016, 43, 734-743.	3.7	74
113	Tâ€œcellâ€œmediated immunological barriers to xenotransplantation. <i>Xenotransplantation</i> , 2012, 19, 23-30.	2.8	73
114	Regulated Catalysis of Extracellular Nucleotides by Vascular CD39/ENTPD1 Is Required for Liver Regeneration. <i>Gastroenterology</i> , 2008, 135, 1751-1760.	1.3	71
115	Predictors of Endoscopic Inflammation in Patients With Ulcerative Colitis in Clinical Remission. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 779-784.	1.9	71
116	The C-terminal cysteine-rich region dictates specific catalytic properties in chimeras of the ectonucleotidases NTPDase1 and NTPDase2. <i>FEBS Journal</i> , 2001, 268, 364-373.	0.2	70
117	Expression of NTPDase1 and NTPDase2 in murine kidney: relevance to regulation of P2 receptor signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F1032-F1043.	2.7	70
118	Conversion of extracellular ATP into adenosine: a master switch in renal health and disease. <i>Nature Reviews Nephrology</i> , 2020, 16, 509-524.	9.6	70
119	Isolated CD39 Expression on CD4+ T Cells Denotes both Regulatory and Memory Populations. <i>American Journal of Transplantation</i> , 2009, 9, 2303-2311.	4.7	67
120	Whole-exome sequencing reveals the origin and evolution of hepato-cholangiocarcinoma. <i>Nature Communications</i> , 2018, 9, 894.	12.8	67
121	Bilirubin suppresses Th17 immunity in colitis by upregulating CD39. <i>JCI Insight</i> , 2017, 2, .	5.0	67
122	Deletion of CD39 on natural killer cells attenuates hepatic ischemia/reperfusion injury in mice. <i>Hepatology</i> , 2010, 51, 1702-1711.	7.3	66
123	Biological functions of ecto-enzymes in regulating extracellular adenosine levels in neoplastic and inflammatory disease states. <i>Journal of Molecular Medicine</i> , 2013, 91, 165-172.	3.9	65
124	Purinergic signaling in scarring. <i>FASEB Journal</i> , 2016, 30, 3-12.	0.5	65
125	Thrombin activates nuclear factor-kappaB and potentiates endothelial cell activation by TNF. <i>Journal of Immunology</i> , 1997, 159, 5620-8.	0.8	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. <i>Frontiers in Bioscience - Landmark</i> , 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. <i>OncolImmunology</i> , 2019, 8, e1593809.	4.6	64
128	Localization of plasma membrane bound NTPDases in the murine reproductive tract. <i>Histochemistry and Cell Biology</i> , 2009, 131, 615-628.	1.7	63
129	Carbon monoxide protects the kidney through the central circadian clock and CD39. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2302-E2310.	7.1	61
130	Clinical lung xenotransplantation – what donor genetic modifications may be necessary?. <i>Xenotransplantation</i> , 2012, 19, 144-158.	2.8	60
131	Control of Metastases via Myeloid CD39 and NK Cell Effector Function. <i>Cancer Immunology Research</i> , 2020, 8, 356-367.	3.4	60
132	INHIBITION OF PLATELET INTEGRIN GPIIb/IIIa PROLONGS SURVIVAL OF DISCORDANT CARDIAC XENOGRAFTS ^{1,2} . <i>Transplantation</i> , 1996, 62, 1-5.	1.0	60
133	Protective Effects of Recombinant Human Antithrombin III in Pig-to-Primate Renal Xenotransplantation. <i>American Journal of Transplantation</i> , 2002, 2, 520-525.	4.7	59
134	NADH oxidase-dependent CD39 expression by CD8+ T cells modulates interferon gamma responses via generation of adenosine. <i>Nature Communications</i> , 2015, 6, 8819.	12.8	59
135	Renal and Cardiac Endothelial Heterogeneity Impact Acute Vascular Rejection in Pig-to-Baboon Xenotransplantation. <i>American Journal of Transplantation</i> , 2009, 9, 1006-1016.	4.7	58
136	CD39 expression by hepatic myeloid dendritic cells attenuates inflammation in liver transplant ischemia-reperfusion injury in mice. <i>Hepatology</i> , 2013, 58, 2163-2175.	7.3	57
137	Pathologic Characteristics of Transplanted Kidney Xenografts. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 225-235.	6.1	56
138	Up to 9-day survival and control of thrombocytopenia following alpha 1,3-galactosyl transferase knockout swine liver xenotransplantation in baboons. <i>Xenotransplantation</i> , 2012, 19, 256-264.	2.8	56
139	Pathological roles of purinergic signaling in the liver. <i>Journal of Hepatology</i> , 2012, 57, 916-920.	3.7	56
140	Disordered hemostasis in extrahepatic portal hypertension. <i>Hepatology</i> , 1993, 18, 853-857.	7.3	55
141	RECOMBINANT ADENOVIRAL MEDIATED CD39 GENE TRANSFER PROLONGS CARDIAC XENOGRAFT SURVIVAL ¹ . <i>Transplantation</i> , 2000, 70, 864-870.	1.0	55
142	Assignment of ecto-adenosine triphosphatase diphosphohydrolase-1/cd39 expression to microglia and vasculature of the brain. <i>European Journal of Neuroscience</i> , 2000, 12, 4357-4366.	2.6	55
143	CD39 is incorporated into plasma microparticles where it maintains functional properties and impacts endothelial activation. <i>British Journal of Haematology</i> , 2008, 142, 627-637.	2.5	55
144	CD39 as a Caveolar-Associated Ectonucleotidase. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 596-599.	2.1	54

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145	CD39 Modulates IL-1 Release from Activated Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 272-278.	2.1	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. <i>Blood Cells, Molecules, and Diseases</i> , 2001, 27, 165-180.	1.4	54
147	Enzymatic Properties of an Ecto-nucleoside Triphosphate Diphosphohydrolase from <i>Legionella pneumophila</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 12909-12918.	3.4	54
148	THROMBIN INHIBITION IN AN EX VIVO MODEL OF PORCINE HEART XENOGRAFT HYPERACUTE REJECTION1. <i>Transplantation</i> , 1996, 61, 862-868.	1.0	54
149	Characterization of Human CD39+ Th17 Cells with Suppressor Activity and Modulation in Inflammatory Bowel Disease. <i>PLoS ONE</i> , 2014, 9, e87956.	2.5	54
150	Noise exposure induces up-regulation of ecto-nucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. <i>Neuroscience</i> , 2004, 126, 763-773.	2.3	53
151	Metabolism of circulating ADP in the bloodstream is mediated <i>via</i> integrated actions of soluble adenylyate kinase and NTPDase1/CD39 activities. <i>FASEB Journal</i> , 2012, 26, 3875-3883.	0.5	53
152	CD39 improves survival in microbial sepsis by attenuating systemic inflammation. <i>FASEB Journal</i> , 2015, 29, 25-36.	0.5	53
153	Isolation from human fetal liver of cells co-expressing CD34 haematopoietic stem cell and CAM 5.2 pancytokeratin markers. <i>Journal of Hepatology</i> , 1998, 29, 450-454.	3.7	52
154	Identification and Characterization of a Novel Hepatic Canalicular ATP Diphosphohydrolase. <i>Journal of Biological Chemistry</i> , 2000, 275, 5640-5647.	3.4	52
155	O-Linked glycosylation and functional incompatibility of porcine von Willebrand factor for human platelet GPIb receptors. <i>Xenotransplantation</i> , 2005, 12, 30-37.	2.8	52
156	CD73 is a phenotypic marker of effector memory Th17 cells in inflammatory bowel disease. <i>European Journal of Immunology</i> , 2012, 42, 3062-3072.	2.9	50
157	Analysis of CD39/ATP diphosphohydrolase (ATPDase) expression in endothelial cells, platelets and leukocytes. <i>Thrombosis and Haemostasis</i> , 1999, 82, 1538-44.	3.4	50
158	Progress towards overcoming coagulopathy and hemostatic dysfunction associated with xenotransplantation. <i>International Journal of Surgery</i> , 2015, 23, 296-300.	2.7	49
159	EFFECT OF REPETITIVE HIGH-DOSE TREATMENT WITH SOLUBLE COMPLEMENT RECEPTOR TYPE 1 AND COBRA VENOM FACTOR ON DISCORDANT XENOGRAFT SURVIVAL1,2. <i>Transplantation</i> , 1996, 62, 336-342.	1.0	49
160	Expression and Distribution of Ectonucleotidases in Mouse Urinary Bladder. <i>PLoS ONE</i> , 2011, 6, e18704.	2.5	49
161	Adenosine signaling mediates hypoxic responses in the chronic lymphocytic leukemia microenvironment. <i>Blood Advances</i> , 2016, 1, 47-61.	5.2	48
162	Cross-Regulation of Carbon Monoxide and the Adenosine A2a Receptor in Macrophages. <i>Journal of Immunology</i> , 2007, 178, 5921-5929.	0.8	47

#	ARTICLE	IF	CITATIONS
163	Recombinant pig TFPI efficiently regulates human tissue factor pathways. <i>Xenotransplantation</i> , 2008, 15, 191-197.	2.8	47
164	Transgenic over expression of ectonucleotide triphosphate diphosphohydrolase-1 protects against murine myocardial ischemic injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 927-935.	1.9	47
165	EXPRESSION OF HUMAN THROMBOMODULIN COFACTOR ACTIVITY IN PORCINE ENDOTHELIAL CELLS ^{1,2} . <i>Transplantation</i> , 1998, 66, 244-251.	1.0	47
166	Extracellular Generation of Adenosine by the Ectonucleotidases CD39 and CD73 Promotes Dermal Fibrosis. <i>American Journal of Pathology</i> , 2013, 183, 1740-1746.	3.8	46
167	The role of adenosine receptors A2A and A2B signaling in renal fibrosis. <i>Kidney International</i> , 2014, 86, 685-692.	5.2	46
168	Heightened Expression of CD39 by Regulatory T Lymphocytes Is Associated with Therapeutic Remission in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 2806-2814.	1.9	46
169	ANTI-CD154 MONOCLONAL ANTIBODY AND THROMBOEMBOLISM. <i>Transplantation</i> , 2001, 71, 491.	1.0	46
170	Inhibition of platelet aggregation in baboons: therapeutic implications for xenotransplantation. <i>Xenotransplantation</i> , 2000, 7, 247-257.	2.8	45
171	Promotion of liver regeneration by natural killer cells in a murine model is dependent on extracellular adenosine triphosphate phosphohydrolysis. <i>Hepatology</i> , 2013, 57, 1969-1979.	7.3	45
172	NTPDase2 and Purinergic Signaling Control Progenitor Cell Proliferation in Neurogenic Niches of the Adult Mouse Brain. <i>Stem Cells</i> , 2015, 33, 253-264.	3.2	45
173	Ectonucleotidases in Müller glial cells of the rodent retina: Involvement in inhibition of osmotic cell swelling. <i>Purinergic Signalling</i> , 2007, 3, 423-433.	2.2	43
174	Selective NTPDase2 expression modulates <i>in vivo</i> rat glioma growth. <i>Cancer Science</i> , 2009, 100, 1434-1442.	3.9	43
175	Correlation of Biochemical and Hematological Changes with Graft Failure Following Pig Heart and Kidney Transplantation in Baboons. <i>American Journal of Transplantation</i> , 2003, 3, 1510-1519.	4.7	42
176	The Impact of Purinergic Signaling on Renal Ischemia-Reperfusion Injury. <i>Transplantation</i> , 2008, 86, 1707-1712.	1.0	42
177	Liver grafts from CD39-overexpressing rodents are protected from ischemia reperfusion injury due to reduced numbers of resident CD4 ⁺ T cells. <i>Hepatology</i> , 2013, 57, 1597-1606.	7.3	42
178	Classification of gallbladder cancer by assessment of CD8+ TIL and PD-L1 expression. <i>BMC Cancer</i> , 2018, 18, 766.	2.6	42
179	Hemostasis, bleeding and thrombosis in liver disease. <i>Journal of Translational Science</i> , 2017, 3, .	0.2	42
180	Increased Plasma Levels of Microparticles Expressing CD39 and CD133 in Acute Liver Injury. <i>Transplantation</i> , 2013, 95, 63-69.	1.0	41

#	ARTICLE	IF	CITATIONS
181	<scp>CD</scp>39⁺ regulatory T cells attenuate allergic airway inflammation. <i>Clinical and Experimental Allergy</i> , 2015, 45, 1126-1137.	2.9	41
182	P2X7 Receptor Signaling Contributes to Sepsis-Associated Brain Dysfunction. <i>Molecular Neurobiology</i> , 2017, 54, 6459-6470.	4.0	41
183	Elevated levels of placental growth factor represent an adaptive host response in sepsis. <i>Journal of Experimental Medicine</i> , 2008, 205, 2623-2631.	8.5	40
184	CD39 mediated regulation of Th17-cell effector function is impaired in juvenile autoimmune liver disease. <i>Journal of Autoimmunity</i> , 2016, 72, 102-112.	6.5	40
185	Hyperoxia and modulation of pulmonary vascular and immune responses in COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L12-L16.	2.9	40
186	MECHANISMS OF THROMBOTIC MICROANGIOPATHY FOLLOWING XENOGENEIC HEMATOPOIETIC PROGENITOR CELL TRANSPLANTATION1. <i>Transplantation</i> , 2001, 71, 1601-1609.	1.0	39
187	Prognostic significance of macrophage invasion in hilar cholangiocarcinoma. <i>BMC Cancer</i> , 2015, 15, 790.	2.6	39
188	Mitochondrial Dysfunction, Depleted Purinergic Signaling, and Defective T Cell Vigilance and Immune Defense. <i>Journal of Infectious Diseases</i> , 2016, 213, 456-464.	4.0	39
189	CD39 modulates endothelial cell activation and apoptosis. <i>Molecular Medicine</i> , 2000, 6, 591-603.	4.4	39
190	Immunological similarity between the 170 kD amoebic adherence glycoprotein and human β 2 integrins. <i>Lancet, The</i> , 1993, 341, 17-19.	13.7	38
191	Tob1 is a constitutively expressed repressor of liver regeneration. <i>Journal of Experimental Medicine</i> , 2010, 207, 1197-1208.	8.5	38
192	NTPDase1 activity attenuates microglial phagocytosis. <i>Purinergic Signalling</i> , 2013, 9, 199-205.	2.2	38
193	Long-Term Survival of Hamster Hearts in Presensitized Rats. <i>Journal of Immunology</i> , 2000, 164, 4883-4892.	0.8	37
194	Localization of Nucleoside Triphosphate Diphosphohydrolase-1 (NTPDase1) and NTPDase2 in Pancreas and Salivary Gland. <i>Journal of Histochemistry and Cytochemistry</i> , 2004, 52, 861-871.	2.5	37
195	Locally targeted cytoprotection with dextran sulfate attenuates experimental porcine myocardial ischaemia/reperfusion injury. <i>European Heart Journal</i> , 2005, 26, 2334-2343.	2.2	37
196	The Vascular Ectonucleotidase ENTPD1 Is a Novel Renoprotective Factor in Diabetic Nephropathy. <i>Diabetes</i> , 2007, 56, 2371-2379.	0.6	37
197	Deficiency or Inhibition of CD73 Protects in Mild Kidney Ischemia-Reperfusion Injury. <i>Transplantation</i> , 2010, 90, 1260-1264.	1.0	37
198	Coagulopathy in cirrhosis – The role of the platelet in hemostasis. <i>Journal of Hepatology</i> , 2013, 59, 889-890.	3.7	37

#	ARTICLE	IF	CITATIONS
199	Role of acid sphingomyelinase bioactivity in human CD4+ T-cell activation and immune responses. <i>Cell Death and Disease</i> , 2015, 6, e1828-e1828.	6.3	37
200	Tumor necrosis and infiltrating macrophages predict survival after curative resection for cholangiocarcinoma. <i>Oncolmmunology</i> , 2017, 6, e1331806.	4.6	37
201	Ectonucleotidases in Intestinal and Hepatic Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 507.	4.8	37
202	HIF-1 α -induced xenobiotic transporters promote Th17 responses in Crohn's disease. <i>Journal of Autoimmunity</i> , 2018, 94, 122-133.	6.5	36
203	Hepatitis E in South Africa: Evidence for sporadic spread and increased seroprevalence in rural areas. <i>Journal of Medical Virology</i> , 1996, 50, 117-119.	5.0	35
204	Distribution of ectonucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. <i>Hearing Research</i> , 2002, 170, 127-138.	2.0	35
205	Coagulation, platelet activation and thrombosis in xenotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2010, 15, 212-218.	1.6	35
206	Differential expression of extracellular matrix proteins and integrins in hepatocellular carcinoma and chronic liver disease. <i>Anticancer Research</i> , 1993, 13, 2229-37.	1.1	35
207	NTPDase1 and NTPDase2 Immunolocalization in Mouse Cochlea: Implications for Regulation of P2 Receptor Signaling. <i>Journal of Histochemistry and Cytochemistry</i> , 2002, 50, 1435-1441.	2.5	34
208	Attenuation of myocardial reperfusion injury in pigs by Mirococept, a membrane-targeted complement inhibitor derived from human CR1. <i>Cardiovascular Research</i> , 2007, 76, 482-493.	3.8	34
209	Antiinflammatory and Anticoagulant Effects of Transgenic Expression of Human Thrombomodulin in Mice. <i>American Journal of Transplantation</i> , 2010, 10, 242-250.	4.7	34
210	<sc>HGF</sc> and <sc>SDF</sc>-mediated mobilization of <sc>CD</sc>133⁺<sc>BMSC</sc> for hepatic regeneration following extensive liver resection. <i>Liver International</i> , 2014, 34, 89-101.	3.9	34
211	Pulmonary Natural Killer T Cells Play an Essential Role in Mediating Hyperoxic Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 601-609.	2.9	33
212	Role of the CD39/CD73 Purinergic Pathway in Modulating Arterial Thrombosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1809-1820.	2.4	33
213	Altered aryl-hydrocarbon-receptor signalling affects regulatory and effector cell immunity in autoimmune hepatitis. <i>Journal of Hepatology</i> , 2021, 74, 48-57.	3.7	33
214	Autonomic neuropathy in extra-hepatic portal vein thrombosis: evidence for impaired autonomic reflex arc. <i>Journal of Hepatology</i> , 1997, 26, 634-641.	3.7	32
215	Noise-induced up-regulation of NTPDase3 expression in the rat cochlea: Implications for auditory transmission and cochlear protection. <i>Brain Research</i> , 2006, 1104, 55-63.	2.2	32
216	Functional <i>ENTPD1</i> Polymorphisms in African Americans With Diabetes and End-Stage Renal Disease. <i>Diabetes</i> , 2009, 58, 999-1006.	0.6	32

#	ARTICLE	IF	CITATIONS
217	The Protective Effects of CD39 Overexpression in Multiple Low-Dose Streptozotocin-Induced Diabetes in Mice. <i>Diabetes</i> , 2013, 62, 2026-2035.	0.6	32
218	Optimizing human apyrase to treat arterial thrombosis and limit reperfusion injury without increasing bleeding risk. <i>Science Translational Medicine</i> , 2014, 6, 248ra105.	12.4	32
219	Molecular incompatibilities in hemostasis between swine and men-impact on xenografting. <i>Annals of Transplantation</i> , 2001, 6, 12-6.	0.9	32
220	Inhibition of baboon platelet aggregation in vitro and in vivo by the garlic derivative, ajoene. <i>Xenotransplantation</i> , 2003, 10, 374-379.	2.8	31
221	Versatile co-expression of graft-protective proteins using 2A-linked cassettes. <i>Xenotransplantation</i> , 2011, 18, 121-130.	2.8	31
222	hCTLA4 transgene expression in keratocytes modulates rejection of corneal xenografts in a pig to non-human primate anterior lamellar keratoplasty model. <i>Xenotransplantation</i> , 2014, 21, 431-443.	2.8	31
223	Purinergic Signaling in Liver Disease. <i>Digestive Diseases</i> , 2014, 32, 516-524.	1.9	31
224	Steatohepatitis and liver fibrosis are predicted by the characteristics of very low density lipoprotein in nonalcoholic fatty liver disease. <i>Liver International</i> , 2016, 36, 1213-1220.	3.9	31
225	Aggregation of human platelets induced by porcine endothelial cells is dependent upon both activation of complement and thrombin generation. <i>Xenotransplantation</i> , 1996, 3, 24-34.	2.8	30
226	Induction of xenograft accommodation by modulation of elicited antibody responses. <i>Transplantation</i> , 2002, 74, 334-345.	1.0	30
227	Increased transfusion-free survival following auxiliary pig liver xenotransplantation. <i>Xenotransplantation</i> , 2014, 21, 454-464.	2.8	30
228	Hepatic Vasculopathy and Regenerative Responses of the Liver in Fatal Cases of COVID-19. <i>Clinical Gastroenterology and Hepatology</i> , 2021, 19, 1726-1729.e3.	4.4	30
229	Hyperacute lung rejection in the pig-to-human model. III. platelet receptor inhibitors synergistically modulate complement activation and lung injury. <i>Transplantation</i> , 2003, 75, 953-959.	1.0	29
230	Porcine hematopoietic cell xenotransplantation in nonhuman primates is complicated by thrombotic microangiopathy. <i>Bone Marrow Transplantation</i> , 2001, 27, 1227-1236.	2.4	28
231	Variable Impact of CD39 in Experimental Murine Colitis. <i>Digestive Diseases and Sciences</i> , 2011, 56, 1393-1403.	2.3	28
232	CD39 Modulates Hematopoietic Stem Cell Recruitment and Promotes Liver Regeneration in Mice and Humans After Partial Hepatectomy. <i>Annals of Surgery</i> , 2013, 257, 693-701.	4.2	28
233	Utility of the dual-specificity protein kinase TTK as a therapeutic target for intrahepatic spread of liver cancer. <i>Scientific Reports</i> , 2016, 6, 33121.	3.3	28
234	The ectonucleotidase ENTPD1/CD39 limits biliary injury and fibrosis in mouse models of sclerosing cholangitis. <i>Hepatology Communications</i> , 2017, 1, 957-972.	4.3	28

#	ARTICLE	IF	CITATIONS
235	Evidence that the GBV-C/hepatitis G virus is primarily a lymphotropic virus. <i>Journal of Medical Virology</i> , 2000, 61, 52-8.	5.0	28
236	Extracellular UDP enhances P2X ₆ -mediated bladder smooth muscle contractility <i>via</i> P2Y ₆ activation of the phospholipase C/inositol trisphosphate pathway. <i>FASEB Journal</i> , 2013, 27, 1895-1903.	0.5	27
237	Characterization of circulating microparticle-associated CD39 family ecto-nucleotidases in human plasma. <i>Purinergic Signalling</i> , 2014, 10, 611-618.	2.2	27
238	Potential mechanism of abnormal thromboregulation in xenograft rejection: loss of ecto-ATPases upon endothelial cell activation. <i>Transplantation Proceedings</i> , 1996, 28, 536.	0.6	27
239	Impact of O-linked glycosylation of the VWF-A1-domain flanking regions on platelet interaction. <i>British Journal of Haematology</i> , 2005, 128, 82-90.	2.5	26
240	Reconstitution of CD39 in liposomes amplifies nucleoside triphosphate diphosphohydrolase activity and restores thromboregulatory properties. <i>Journal of Vascular Surgery</i> , 2006, 43, 816-823.	1.1	26
241	Regulatory T cells participate in CD39-mediated protection from renal injury. <i>European Journal of Immunology</i> , 2012, 42, 2441-2451.	2.9	26
242	Mechanisms of Xenogeneic Baboon Platelet Aggregation and Phagocytosis by Porcine Liver Sinusoidal Endothelial Cells. <i>PLoS ONE</i> , 2012, 7, e47273.	2.5	26
243	Tumour necrosis factor levels during acute rejection and acute tubular necrosis in renal transplant recipients. <i>Transplant Immunology</i> , 2000, 8, 211-215.	1.2	25
244	Vascular smooth muscle cell expression of ectonucleotidase CD39 (ENTPD1) is required for neointimal formation in mice. <i>Purinergic Signalling</i> , 2009, 5, 335-342.	2.2	25
245	Attenuated allergic airway inflammation in <i>Cd39</i> null mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2013, 68, 472-480.	5.7	25
246	Unlocking the Potential of Purinergic Signaling in Transplantation. <i>American Journal of Transplantation</i> , 2016, 16, 2781-2794.	4.7	25
247	NTPDase1/CD39 and aberrant purinergic signalling in the pathogenesis of COPD. <i>European Respiratory Journal</i> , 2016, 47, 254-263.	6.7	25
248	Disruption of the ATP/adenosine balance in <i>CD39^{+/+}</i> mice is associated with handling-induced seizures. <i>Immunology</i> , 2017, 152, 589-601.	4.4	25
249	CD39-adenosinergic axis in renal pathophysiology and therapeutics. <i>Purinergic Signalling</i> , 2018, 14, 109-120.	2.2	25
250	High prevalence of GBV-C hepatitis G virus infection in a rural South African population. <i>Journal of Medical Virology</i> , 1997, 53, 225-228.	5.0	24
251	Ectonucleotide Triphosphate Diphosphohydrolase-1 (CD39) Mediates Resistance to Occlusive Arterial Thrombus Formation after Vascular Injury in Mice. <i>American Journal of Pathology</i> , 2012, 181, 322-333.	3.8	24
252	Co-localization of P2Y1 receptor and NTPDase1/CD39 within caveolae in human placenta. <i>European Journal of Histochemistry</i> , 2004, 48, 253-9.	1.5	24

#	ARTICLE	IF	CITATIONS
253	Blunted erythropoietin response to anaemia in tuberculosis. <i>European Journal of Haematology</i> , 1995, 55, 251-254.	2.2	23
254	Identification of Recurrence Related microRNAs in Hepatocellular Carcinoma after Surgical Resection. <i>International Journal of Molecular Sciences</i> , 2013, 14, 1105-1118.	4.1	23
255	Bortezomib, C1-Inhibitor and Plasma Exchange Do Not Prolong the Survival of Multi-Transgenic GalT-KO Pig Kidney Xenografts in Baboons. <i>American Journal of Transplantation</i> , 2015, 15, 358-370.	4.7	23
256	CD39 and CD73 activity are protective in a mouse model of antiphospholipid antibody-induced miscarriages. <i>Journal of Autoimmunity</i> , 2018, 88, 131-138.	6.5	23
257	MODULATION OF PLATELET AGGREGATION IN BABOONS: IMPLICATIONS FOR MIXED CHIMERISM IN XENOTRANSPLANTATION. I. THE ROLES OF INDIVIDUAL COMPONENTS OF A TRANSPLANTATION CONDITIONING REGIMEN AND OF PIG PERIPHERAL BLOOD PROGENITOR CELLS. <i>Transplantation</i> , 2001, 72, 1299-1305.	1.0	22
258	Modulation of extracellular nucleotide-mediated signaling by CD39/nucleoside triphosphate diphosphohydrolase-1. <i>Drug Development Research</i> , 2001, 53, 193-207.	2.9	22
259	Overexpression of CD39/nucleoside triphosphate diphosphohydrolase-1 decreases smooth muscle cell proliferation and prevents neointima formation after angioplasty. <i>Journal of Thrombosis and Haemostasis</i> , 2008, 6, 1191-1197.	3.8	22
260	<i>Helicobacter pylori</i> Infection Stimulates Plasminogen Activator Inhibitor 1 Production by Gastric Epithelial Cells. <i>Infection and Immunity</i> , 2008, 76, 3992-3999.	2.2	22
261	Adenosine: Tipping the balance towards hepatic steatosis and fibrosis. <i>Journal of Hepatology</i> , 2010, 52, 941-943.	3.7	22
262	Potential factors influencing the development of thrombocytopenia and consumptive coagulopathy after genetically modified pig liver xenotransplantation. <i>Transplant International</i> , 2012, 25, 882-896.	1.6	22
263	Prognostic significance of TIE2-expressing monocytes in hilar cholangiocarcinoma. <i>Journal of Surgical Oncology</i> , 2016, 114, 91-98.	1.7	22
264	Prognostic Significance of Tumor Necrosis in Hilar Cholangiocarcinoma. <i>Annals of Surgical Oncology</i> , 2017, 24, 518-525.	1.5	22
265	Down-Regulation of CD62L Shedding in Cells by CD39+ Regulatory T Cells Leads to Defective Sensitization in Contact Hypersensitivity Reactions. <i>Journal of Investigative Dermatology</i> , 2017, 137, 106-114.	0.7	22
266	Type 3 innate lymphoid cells are associated with a successful intestinal transplant. <i>American Journal of Transplantation</i> , 2021, 21, 787-797.	4.7	22
267	Distribution of Hepatic Nerve Fibers in Liver Diseases. <i>Digestion</i> , 1994, 55, 247-252.	2.3	21
268	Low LDL-C and High HDL-C Levels Are Associated with Elevated Serum Transaminases amongst Adults in the United States: A Cross-sectional Study. <i>PLoS ONE</i> , 2014, 9, e85366.	2.5	21
269	Low fasting triglyceride levels are associated with non-invasive markers of advanced liver fibrosis among adults in the United States. <i>Alimentary Pharmacology and Therapeutics</i> , 2015, 42, 106-116.	3.7	21
270	CD39 deficiency in murine liver allografts promotes inflammatory injury and immune-mediated rejection. <i>Transplant Immunology</i> , 2015, 32, 76-83.	1.2	21

#	ARTICLE	IF	CITATIONS
271	Control of Gut Inflammation by Modulation of Purinergic Signaling. <i>Frontiers in Immunology</i> , 2020, 11, 1882.	4.8	21
272	Activation of human platelets by the membrane-expressed A1 domain of von Willebrand factor. <i>Blood</i> , 1997, 90, 4425-37.	1.4	21
273	A 15-Year Experience of Injection Sclerotherapy in Adult Patients with Extrahepatic Portal Venous Obstruction. <i>Annals of Surgery</i> , 1994, 219, 34-39.	4.2	20
274	Sustained function of genetically modified porcine lungs in an ex vivo model of pulmonary xenotransplantation. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 1123-1130.	0.6	20
275	Lysophosphatidic acid activates nuclear factor kappa B and induces proinflammatory gene expression in endothelial cells. <i>Thrombosis and Haemostasis</i> , 1999, 82, 1532-7.	3.4	20
276	Immunobiology of liver xenotransplantation. <i>Expert Review of Clinical Immunology</i> , 2012, 8, 621-634.	3.0	19
277	Development of a consensus protocol to quantify primate anti-human glial xenoreactive antibodies using pig aortic endothelial cells. <i>Xenotransplantation</i> , 2014, 21, 555-566.	2.8	19
278	Distinct hepatitis B virus integration patterns in hepatocellular carcinoma and adjacent normal liver tissue. <i>International Journal of Cancer</i> , 2017, 140, 1324-1330.	5.1	19
279	Ammonia modifies enteric neuromuscular transmission through glial β -aminobutyric acid signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G570-G580.	3.4	19
280	Loss of vascular expression of nucleoside triphosphate diphosphohydrolase-1/CD39 in hypertension. <i>Purinergic Signalling</i> , 2018, 14, 73-82.	2.2	19
281	CD150 ^{high} CD4 T cells and CD150 ^{high} regulatory T cells regulate hematopoietic stem cell quiescence via CD73. <i>Haematologica</i> , 2019, 104, 1136-1142.	3.5	19
282	Platelet Interactions with Liver Sinusoidal Endothelial Cells and Hepatic Stellate Cells Lead to Hepatocyte Proliferation. <i>Cells</i> , 2020, 9, 1243.	4.1	19
283	Associations of insulin resistance, inflammation and liver synthetic function with very low-density lipoprotein: The Cardiovascular Health Study. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 92-99.	3.4	18
284	Development of a novel strategy to target CD39 antithrombotic activity to the endothelial-platelet microenvironment in kidney ischemia-reperfusion injury. <i>Purinergic Signalling</i> , 2017, 13, 259-265.	2.2	18
285	Intraoperative oxygen concentration and neurocognition after cardiac surgery: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 600.	1.6	18
286	Selective deletion of ENTPD1/CD39 in macrophages exacerbates biliary fibrosis in a mouse model of sclerosing cholangitis. <i>Purinergic Signalling</i> , 2019, 15, 375-385.	2.2	18
287	Dysregulation of Adenosinergic Signaling in Systemic and Organ-Specific Autoimmunity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 528.	4.1	18
288	Modulation of CD39 and Exogenous APT102 Correct Immune Dysfunction in Experimental Colitis and Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 818-830.	1.3	18

#	ARTICLE	IF	CITATIONS
289	Rejection of intestinal allotransplants is driven by memory T helper type 17 immunity and responds to infliximab. <i>American Journal of Transplantation</i> , 2021, 21, 1238-1254.	4.7	18
290	Novel high-throughput cell-based hybridoma screening methodology using the Celigo Image Cytometer. <i>Journal of Immunological Methods</i> , 2017, 447, 23-30.	1.4	17
291	Expression of Ecto-nucleoside Triphosphate Diphosphohydrolases-2 and -3 in the Enteric Nervous System Affects Inflammation in Experimental Colitis and Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2017, 11, 1113-1123.	1.3	17
292	Protective effects of coffee consumption following liver transplantation for hepatocellular carcinoma in cirrhosis. <i>Alimentary Pharmacology and Therapeutics</i> , 2019, 49, 779-788.	3.7	17
293	Elevated fibrin-related and fibrinogen-related antigens in patients with liver disease. <i>Hepatology</i> , 1992, 16, 920-923.	7.3	16
294	Developmentally regulated expression of ectonucleotidases NTPDase5 and NTPDase6 and UDP-responsive P2Y receptors in the rat cochlea. <i>Histochemistry and Cell Biology</i> , 2010, 133, 425-436.	1.7	16
295	Histopathologic insights into the mechanism of anti-Gal antibody-mediated pig cardiac xenograft rejection. <i>Xenotransplantation</i> , 2013, 20, 292-307.	2.8	16
296	ADP-induced bladder contractility is mediated by P2Y ₁₂ receptor and temporally regulated by ectonucleotidases and adenosine signaling. <i>FASEB Journal</i> , 2014, 28, 5288-5298.	0.5	16
297	Endogenous antisense RNA curbs CD39 expression in Crohn's disease. <i>Nature Communications</i> , 2020, 11, 5894.	12.8	16
298	High-dimensional analysis of the adenosine pathway in high-grade serous ovarian cancer. , 2021, 9, e001965.		16
299	Targetable purinergic receptors P2Y ₁₂ and A2b antagonistically regulate bladder function. <i>JCI Insight</i> , 2019, 4, .	5.0	16
300	New Developments in Anti-Platelet Therapies Potential Use of CD39/Vascular ATP Diphosphohydrolase in Thrombotic Disorders. <i>Current Drug Targets</i> , 2000, 1, 285-296.	2.1	16
301	Loss of rat glomerular ATP diphosphohydrolase activity during reperfusion injury is associated with oxidative stress reactions. <i>Thrombosis and Haemostasis</i> , 1996, 76, 807-12.	3.4	16
302	Thromboregulatory potential of endothelial CD39/nucleoside triphosphate diphosphohydrolase: modulation of purinergic signalling in platelets. <i>Expert Opinion on Therapeutic Targets</i> , 2000, 4, 155-171.	1.0	15
303	Hepatic Colorectal Cancer Metastases: Imaging Initial Steps of Formation in Mice ¹ . <i>Radiology</i> , 2007, 243, 703-711.	7.3	15
304	Differential expression of nucleotide pyrophosphatase/phosphodiesterases by Walker 256 mammary cancer cells in solid tumors and malignant ascites. <i>Life Sciences</i> , 2010, 86, 435-440.	4.3	15
305	NTPDase2 and the P2Y ₁ receptor are not required for mammalian eye formation. <i>Purinergic Signalling</i> , 2015, 11, 155-160.	2.2	15
306	P2X ₇ receptor activation increases caveolin-1 expression and macrophage lipid raft formation boosting CD39 activity. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	15

#	ARTICLE	IF	CITATIONS
307	Angiogenic miRNAs, the angiopoietin axis and related TIE2-expressing monocytes affect outcomes in cholangiocarcinoma. <i>Oncotarget</i> , 2018, 9, 29921-29933.	1.8	15
308	PPAR β Regulates the Anti-Inflammatory Effects of Carbon Monoxide on Macrophages: A Gene Profiling Study. <i>Blood</i> , 2004, 104, 3445-3445.	1.4	15
309	Modulation of nucleoside [correction of nucleotide] triphosphate diphosphohydrolase-1 (NTPDase-1)cd39 in xenograft rejection. <i>Molecular Medicine</i> , 1999, 5, 743-52.	4.4	15
310	Hematopoietic stem cell markers are expressed by ductal plate and bile duct cells in developing human liver. <i>Hepatology</i> , 1995, 21, 1510-6.	7.3	15
311	Tyrosine phosphorylation following lectin mediated endothelial cell stimulation. <i>Xenotransplantation</i> , 1998, 5, 61-66.	2.8	14
312	Effects of Nitric Oxide (NO) and Soluble Nucleoside Triphosphate Diphosphohydrolase (NTPDase) on Inhibition of Platelet Deposition In Vitro. <i>Thrombosis Research</i> , 2001, 102, 331-341.	1.7	14
313	Potential of aspirin to inhibit thrombotic microangiopathy in β 1,3-galactosyltransferase gene-knockout pig hearts after transplantation in baboons. <i>Transplantation Proceedings</i> , 2005, 37, 489-490.	0.6	14
314	ADP-dependent platelet function prior to and in the early course of pediatric Liver transplantation and persisting thrombocytopenia are positively correlated with ischemia/reperfusion injury. <i>Transplant International</i> , 2010, 23, 745-752.	1.6	14
315	Overexpression of NTPDase2 in gliomas promotes systemic inflammation and pulmonary injury. <i>Purinergic Signalling</i> , 2012, 8, 235-243.	2.2	14
316	Clinicopathological findings in non-human primate recipients of porcine renal xenografts: quantitative and qualitative evaluation of proteinuria. <i>Xenotransplantation</i> , 2013, 20, 449-457.	2.8	14
317	NTPDase1 and -2 are expressed by distinct cellular compartments in the mouse colon and differentially impact colonic physiology and function after DSS colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G314-G332.	3.4	14
318	Xenotransplantation: endothelial cell activation and beyond. <i>Transplantation Proceedings</i> , 1995, 27, 77-9.	0.6	14
319	Inhibition of platelet GPIIb/IIIa in an ex vivo model of hyperacute xenograft rejection does not prolong cardiac survival time. <i>Xenotransplantation</i> , 1996, 3, 43-52.	2.8	13
320	Distribution of NTPDase5 and NTPDase6 and the regulation of P2Y receptor signalling in the rat cochlea. <i>Purinergic Signalling</i> , 2010, 6, 249-261.	2.2	13
321	Activated mouse CD4 ⁺ Foxp3 ⁺ T cells facilitate melanoma metastasis via Qa-1-dependent suppression of NK-cell cytotoxicity. <i>Cell Research</i> , 2012, 22, 1696-1706.	12.0	13
322	Distinct roles of ecto-nucleoside triphosphate diphosphohydrolase-2 (NTPDase2) in liver regeneration and fibrosis. <i>Purinergic Signalling</i> , 2018, 14, 37-46.	2.2	13
323	Pig endothelial protein C receptor is functionally compatible with the human protein C pathway. <i>Xenotransplantation</i> , 2020, 27, e12557.	2.8	13
324	MODULATION OF PLATELET AGGREGATION IN BABOONS: IMPLICATIONS FOR MIXED CHIMERISM IN XENOTRANSPLANTATION. II. THE EFFECTS OF CYCLOPHOSPHAMIDE ON PIG PERIPHERAL BLOOD PROGENITOR CELL-INDUCED AGGREGATION. <i>Transplantation</i> , 2001, 72, 1306-1310.	1.0	13

#	ARTICLE	IF	CITATIONS
325	Soluble complement receptor type 1 and cobra venom factor in discordant xenotransplantation. <i>Transplantation Proceedings</i> , 1996, 28, 581.	0.6	13
326	Role of myeloid-derived suppressor cells in mouse pre-sensitized cardiac transplant model. <i>Clinical Immunology</i> , 2014, 153, 8-16.	3.2	12
327	Characterization of pulmonary immune responses to hyperoxia by high-dimensional mass cytometry analyses. <i>Scientific Reports</i> , 2020, 10, 4677.	3.3	12
328	Limited TCR repertoire and ENTPD1 dysregulation mark late-stage COVID-19. <i>IScience</i> , 2021, 24, 103205.	4.1	12
329	Heightened NTPDase-1/CD39 expression and angiogenesis in radiation proctitis. <i>Purinergic Signalling</i> , 2009, 5, 321-326.	2.2	11
330	Expression of ectonucleotidases in the prosencephalon of melatonin-proficient C3H and melatonin-deficient C57Bl mice: spatial distribution and time-dependent changes. <i>Cell and Tissue Research</i> , 2015, 362, 163-176.	2.9	11
331	Lysophosphatidic acid generation by pulmonary NKT cell ENPP-2/autotaxin exacerbates hyperoxic lung injury. <i>Purinergic Signalling</i> , 2015, 11, 455-461.	2.2	11
332	Complete deletion of Cd39 is atheroprotective in apolipoprotein E-deficient mice. <i>Journal of Lipid Research</i> , 2017, 58, 1292-1305.	4.2	11
333	The fusion landscape of hepatocellular carcinoma. <i>Molecular Oncology</i> , 2019, 13, 1214-1225.	4.6	11
334	Eosinophils and Purinergic Signaling in Health and Disease. <i>Frontiers in Immunology</i> , 2020, 11, 1339.	4.8	11
335	Glycoengineered anti-CD39 promotes anticancer responses by depleting suppressive cells and inhibiting angiogenesis in tumor models. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	11
336	Recipient levels and function of von Willebrand factor prior to liver transplantation and its consumption in the course of grafting correlate with hepatocellular damage and outcome*. <i>Transplant International</i> , 2005, 18, 1258-1265.	1.6	10
337	Serum Activity of Macrophage-Derived Adenosine Deaminase 2 Is Associated With Liver Fibrosis in Nonalcoholic Fatty Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 1170-1172.	4.4	10
338	Mononuclear-cell-derived microparticles attenuate endothelial inflammation by transfer of miR-142-3p in a CD39 dependent manner. <i>Purinergic Signalling</i> , 2018, 14, 423-432.	2.2	10
339	Ectonucleotidase Modulation of Lymphocyte Function in Gut and Liver. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 621760.	3.7	10
340	ENTPD1 (CD39) Expression Inhibits UVR-Induced DNA Damage Repair through Purinergic Signaling and Is Associated with Metastasis in Human Cutaneous Squamous Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2509-2520.	0.7	10
341	Molecular characterization of the 5' non-coding region of South African GBV-C/HGV isolates: major deletion and evidence for a fourth genotype. <i>Journal of Medical Virology</i> , 1999, 59, 52-9.	5.0	10
342	Defective renal water handling in transgenic mice over-expressing human CD39/NTPDase1. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F420-F430.	2.7	9

#	ARTICLE	IF	CITATIONS
343	CD69+ resident memory T cells are associated with graft-versus-host disease in intestinal transplantation. <i>American Journal of Transplantation</i> , 2021, 21, 1878-1892.	4.7	9
344	Malignant Obstructive Cholangiopathies Mimicking Primary Sclerosing Cholangitis. <i>Journal of Clinical Gastroenterology</i> , 1994, 19, 86-88.	2.2	8
345	Thrombin Inhibition in discordant xenograft rejection. <i>Xenotransplantation</i> , 1997, 4, 140-146.	2.8	8
346	Thromboregulation by Endothelial Cells: Significance for Occlusive Vascular Diseases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1251-1252.	2.4	8
347	GalT-KO Pigs: Is the Cup Half Empty or Half Full?. <i>Transplantation</i> , 2007, 84, 12-14.	1.0	8
348	Haemostatic and immunological sequelae of portacaval shunt in rats. <i>Liver</i> , 1995, 15, 293-299.	0.1	8
349	Which antiplatelet therapies might be beneficial in xenotransplantation?. <i>Xenotransplantation</i> , 2011, 18, 79-87.	2.8	8
350	Secondary Kwashiorkor: A Rare Complication of Gastric Bypass Surgery. <i>American Journal of Medicine</i> , 2015, 128, e1-e2.	1.5	8
351	Impaired natriuretic response to high-NaCl diet plus aldosterone infusion in mice overexpressing human CD39, an ectonucleotidase (NTPDase1). <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F1398-F1408.	2.7	8
352	Pathogenesis of and potential therapies for delayed xenograft rejection. <i>Current Opinion in Organ Transplantation</i> , 1999, 4, 80.	1.6	8
353	High prevalence of GBV-C hepatitis G virus infection in a rural South African population. <i>Journal of Medical Virology</i> , 1997, 53, 225-8.	5.0	8
354	Role of CD73 and extracellular adenosine in disease. <i>Purinergic Signalling</i> , 2011, 7, 367-372.	2.2	7
355	Melatonin receptor deficiency decreases and temporally shifts ecto-5'-nucleotidase mRNA levels in mouse prosencephalon. <i>Cell and Tissue Research</i> , 2016, 365, 147-156.	2.9	7
356	Various N-glycoforms differentially upregulate E-NTPDase activity of the NTPDase3/CD39L3 ecto-enzymatic domain. <i>Purinergic Signalling</i> , 2017, 13, 601-609.	2.2	7
357	Structural and functional characterization of engineered bifunctional fusion proteins of CD39 and CD73 ectonucleotidases. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C15-C29.	4.6	7
358	Targeting ectonucleotidases to treat inflammation and halt cancer development in the gut. <i>Biochemical Pharmacology</i> , 2021, 187, 114417.	4.4	7
359	Regulation of monocyte tissue factor activity by allogeneic and xenogeneic endothelial cells. <i>Thrombosis and Haemostasis</i> , 1998, 79, 529-38.	3.4	7
360	Purinergic and Adenosinergic Signaling in Pancreatobiliary Diseases. <i>Frontiers in Physiology</i> , 2022, 13, 849258.	2.8	7

#	ARTICLE	IF	CITATIONS
361	Relative effects of GAL+ and GAllo/- porcine hematopoietic cells on primate platelet aggregation and endothelial cell activation: implications for the induction of mixed hematopoietic chimerism in the pig-to-primate model. <i>Xenotransplantation</i> , 2004, 11, 72-77.	2.8	6
362	Hair cell specific NTPDase6 immunolocalisation in vestibular end organs: Potential role of purinergic signaling in vestibular sensory transduction. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2012, 22, 213-219.	2.0	6
363	Platelets Boost Recruitment of CD133+ Bone Marrow Stem Cells to Endothelium and the Rodent Liver – The Role of P-Selectin/PSGL-1 Interactions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6431.	4.1	6
364	Monocyte-macrophage release of IL-1 is inhibited by type-1 plasminogen activator inhibitors. <i>Journal of Clinical & Laboratory Immunology</i> , 1990, 33, 83-90.	0.1	6
365	Xenotransplantation: a possible solution to the shortage of donor organs. <i>Transplantation Proceedings</i> , 1996, 28, 416-7.	0.6	6
366	The influence of cyclosporine A therapy on sex hormone levels in pre- and post-menopausal women with primary biliary cirrhosis. <i>Journal of Hepatology</i> , 1994, 21, 412-416.	3.7	5
367	Letter to the Editor. <i>Xenotransplantation</i> , 2004, 11, 380-381.	2.8	5
368	Preservation of cochlear function in Cd39 deficient mice. <i>Hearing Research</i> , 2009, 253, 77-82.	2.0	5
369	Clinical Implications of Hyperoxia. <i>International Anesthesiology Clinics</i> , 2018, 56, 68-79.	0.8	5
370	Global deletion of NTPDase3 protects against diet-induced obesity by increasing basal energy metabolism. <i>Metabolism: Clinical and Experimental</i> , 2021, 118, 154731.	3.4	5
371	PLASMA FIBRONECTIN LEVELS DURING ACUTE REJECTION AND ACUTE TUBULAR NECROSIS IN RENAL TRANSPLANT PATIENTS. <i>Transplantation</i> , 1992, 54, 438-440.	1.0	4
372	Inhibition of T cell mitogenesis by a novel anti-CD45R monoclonal antibody. <i>Immunology and Cell Biology</i> , 1996, 74, 65-71.	2.3	4
373	Activation of human endothelial cells by mobilized porcine leukocytes in vitro. <i>Transplantation</i> , 2002, 73, 1302-1309.	1.0	4
374	Acute vascular rejection/delayed xenograft rejection and consumptive coagulopathy in xenotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2003, 8, 76-82.	1.6	4
375	Overlap Between Systemic Lupus Erythematosus and Nonalcoholic Steatohepatitis. <i>Journal of Clinical Gastroenterology</i> , 2006, 40, 561-562.	2.2	4
376	Identification of novel immunosuppressive pathways paves the way for drug discovery. <i>Current Opinion in Pharmacology</i> , 2009, 9, 445-446.	3.5	4
377	Ecto-Nucleotide Triphosphate Diphosphohydrolase-2 (NTPDase2) Deletion Increases Acetaminophen-Induced Hepatotoxicity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5998.	4.1	4
378	Synapomorphic features of hepatic and pulmonary vasculatures include comparable purinergic signaling responses in host defense and modulation of inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, G200-G212.	3.4	4

#	ARTICLE	IF	CITATIONS
379	Autoimmune Hepatitis: Clinical Review with Insights into the Purinergic Mechanism of Disease. <i>Journal of Clinical and Translational Hepatology</i> , 2016, 1, 79-86.	1.4	4
380	Adenosine deaminase 2 produced by infiltrative monocytes promotes liver fibrosis in nonalcoholic fatty liver disease. <i>Cell Reports</i> , 2021, 37, 109897.	6.4	4
381	Hepatosplenic alpha/beta T-cell lymphoma masquerading as cirrhosis. <i>Journal of Gastrointestinal Oncology</i> , 2013, 4, 131-6.	1.4	4
382	Inhibition of platelet GPIIb/IIIa prolongs survival of discordant cardiac xenografts. <i>Transplantation Proceedings</i> , 1996, 28, 703.	0.6	4
383	Fibronectin fragments cause an underestimation of plasma fibronectin levels in severe pre-eclampsia. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1996, 56, 351-358.	1.2	3
384	Editorial. <i>Purinergic Signalling</i> , 2006, 2, 325-326.	2.2	3
385	MetastamiRs: A promising choice for antihepatocellular carcinoma nucleic acid drug development. <i>Hepatology Research</i> , 2017, 47, 80-94.	3.4	3
386	CD133+ bone marrow stem cells (BMSC) control platelet activation – Role of ectoNTPDase-1 (CD39). <i>Blood Cells, Molecules, and Diseases</i> , 2019, 77, 142-148.	1.4	3
387	Host CD39 Deficiency Affects Radiation-Induced Tumor Growth Delay and Aggravates Radiation-Induced Normal Tissue Toxicity. <i>Frontiers in Oncology</i> , 2020, 10, 554883.	2.8	3
388	Transfer of stem cell niche-residential regulatory T cells prevents post-irradiation bone marrow injury. <i>Haematologica</i> , 2021, 106, 891-893.	3.5	3
389	Paradoxical Regulation of Allogeneic Bone Marrow Engraftment and Immune Privilege by Mesenchymal Cells and Adenosine. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 92.e1-92.e5.	1.2	3
390	The C-terminal cysteine-rich region dictates specific catalytic properties in chimeras of the ectonucleotidases NTPDase1 and NTPDase2. <i>FEBS Journal</i> , 2001, 268, 364-373.	0.2	3
391	There's a goat behind door number 3: from Monty Hall to medicine. <i>Journal of Clinical Investigation</i> , 2011, 121, 3819-3821.	8.2	3
392	Orthotopic liver transplantation at Groote Schuur Hospital. <i>South African Medical Journal</i> , 1992, 82, 79-82.	0.6	3
393	Retrospective survey of drug-induced liver disease at Groote Schuur Hospital, Cape Town–1983-1987. <i>South African Medical Journal</i> , 1990, 77, 199-202.	0.6	3
394	Treatment of acute myocardial infarction with streptokinase does not appear to modulate circulating neutrophil function. <i>Clinical Cardiology</i> , 1995, 18, 459-463.	1.8	2
395	Platelet aggregation by membrane-expressed A1 domains of von Willebrand Factor is dependent on residues Asp 560 and Gly 561. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 873-877.	2.1	2
396	Serial measurements of circulating tissue plasminogen activator and fibrin(ogen) degradation products predict outcome in gestational proteinuric hypertension. <i>South African Medical Journal</i> , 1993, 83, 898-9.	0.6	2

#	ARTICLE	IF	CITATIONS
397	Immunobiology of discordant xenograft rejection and potential therapeutic modalities. Transplantation Proceedings, 1996, 28, 1154-5.	0.6	2
398	New developments in anti-platelet therapies: potential use of CD39/vascular ATP diphosphohydrolase in thrombotic disorders. Current Drug Targets, 2001, 2, 213-4.	2.1	2
399	Extracellular Nucleotides and Nucleosides as Autocrine and Paracrine Regulators within the Vasculature. , 2007, , 384-395.		1
400	Cardiopulmonary Bypass Suppresses Forkhead Box O3 and Downstream Autophagy in the Diabetic Human Heart. Annals of Thoracic Surgery, 2021, 111, 937-944.	1.3	1
401	Maria Teresa Miras Portugal (1948â€“2021): in memoriam. Purinergic Signalling, 2021, 17, 515-517.	2.2	1
402	High prevalence of GBVâ€“ hepatitis G virus infection in a rural South African population. Journal of Medical Virology, 1997, 53, 225-228.	5.0	1
403	The cardiac molecular setting of metabolic syndrome in pigs reveals disease susceptibility and suggests mechanisms that exacerbate COVID-19 outcomes in patients. Scientific Reports, 2021, 11, 19752.	3.3	1
404	Fc Receptor-Dependent Trogocytosis of CD39 Impacts Engraftment and Invasiveness of Acute Myeloid Leukemia Cells. Blood, 2021, 138, 3298-3298.	1.4	1
405	High prevalence of hepatitis C virus antibodies in a local haemophiliac population. South African Medical Journal, 1991, 80, 285-6.	0.6	1
406	Non-cirrhotic portal hypertensionâ€“a new entity in South Africa? A report of 6 cases. South African Medical Journal, 1991, 79, 268-70.	0.6	1
407	Viral hepatitis Bâ€“an overview. South African Medical Journal, 1994, 84, 530-5.	0.6	1
408	Letter in Response to the Recently Published Review: Hyponatremia in Cirrhosis and End-Stage Liver Diseaseâ€“Treatment with the Vasopressin V2-Receptor Antagonist Tolvaptan. Digestive Diseases and Sciences, 2013, 58, 889-890.	2.3	0
409	Letter: would aspirin alleviate fibrosis in alcoholic liver disease? Authorsâ€™ reply. Alimentary Pharmacology and Therapeutics, 2016, 44, 209-210.	3.7	0
410	Reply. Clinical Gastroenterology and Hepatology, 2021, 19, 1510.	4.4	0
411	Early Endothelial Activation in a Mouse Model of Graft vs Host Disease Following Chemotherapy. Frontiers in Immunology, 2021, 12, 708554.	4.8	0
412	Extracellular UDP potentiates bladder purinergic signaling and smooth muscle contractility via P2Y6 activation of PLC/IP3 pathway. FASEB Journal, 2013, 27, 923.2.	0.5	0
413	Abstract 341: The Role of Nucleotidase in Arterial Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	2.4	0
414	Purinergic signaling in systemic sclerosis. Rheumatology, 2021, , .	1.9	0

#	ARTICLE	IF	CITATIONS
415	Central nervous system manifestations of Sjögren's syndrome. A case report. South African Medical Journal, 1986, 69, 196-7.	0.6	0
416	Paracetamol poisoning. South African Medical Journal, 1993, 83, 825-6.	0.6	0
417	Treatment of tuberculosis in patients with pre-existing liver disease or following hepatotoxic drug reactions. South African Medical Journal, 1993, 83, 432-4.	0.6	0
418	Hepatic vascular lesions associated with malignant lymphomas. Anticancer Research, 1993, 13, 1143-6.	1.1	0
419	Renal function, sodium and water homeostasis in patients with idiopathic extrahepatic portal vein thrombosis compared with normal healthy controls. South African Medical Journal, 2001, 91, 61-5.	0.6	0
420	Abstract 19: CD39 Expression on Circulating Blood Components Prolongs the Time to Ferric Chloride-Induced Carotid Artery Thrombosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0