Anthony Dorling

List of Publications by Year in descending order

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123 papers 3,889 citations

35 h-index 56 g-index

127 all docs

127 docs citations

127 times ranked

3709 citing authors

#	Article	IF	CITATIONS
1	Transplant Accommodation in Highly Sensitized Patients: A Potential Role for Bcl-xL and Alloantibody. American Journal of Transplantation, 2001, 1, 260-269.	4.7	163
2	Current status of xenotransplantation and prospects for clinical application. Xenotransplantation, 2009, 16, 263-280.	2.8	126
3	Major histocompatibility complex class II-expressing endothelial cells induce allospecific nonresponsiveness in naive T cells Journal of Experimental Medicine, 1996, 183, 1603-1612.	8.5	121
4	Detection of primary direct and indirect human anti-porcine T cell responses using a porcine dendritic cell population. European Journal of Immunology, 1996, 26, 1378-1387.	2.9	112
5	Modified Dendritic Cells Coexpressing Self and Allogeneic Major Histocompatability Complex Molecules: An Efficient Way to Induce Indirect Pathway Regulation. Journal of the American Society of Nephrology: JASN, 2004, 15, 987-997.	6.1	102
6	Recipient Tissue Factor Expression Is Associated With Consumptive Coagulopathy in Pigâ€toâ€Primate Kidney Xenotransplantation. American Journal of Transplantation, 2010, 10, 1556-1568.	4.7	100
7	Complete Inhibition of Acute Humoral Rejection Using Regulated Expression of Membrane-tethered Anticoagulants on Xenograft Endothelium. American Journal of Transplantation, 2004, 4, 1958-1963.	4.7	93
8	Critical roles for thrombin in acute and chronic inflammation. Journal of Thrombosis and Haemostasis, 2009, 7, 122-126.	3.8	91
9	Exogenous Interferon- \hat{l}^3 Immunotherapy for Invasive Fungal Infections in Kidney Transplant Patients. American Journal of Transplantation, 2010, 10, 1796-1803.	4.7	91
10	HLA-G inhibits the transendothelial migration of human NK cells. European Journal of Immunology, 2000, 30, 586-593.	2.9	88
11	$\hat{l}\pm 1,3$ -Galactosyltransferase Gene-Knockout Pigs for Xenotransplantation: Where Do We Go From Here?. Transplantation, 2007, 84, 1-7.	1.0	83
12	Post-listing survival for highly sensitised patients on the UK kidney transplant waiting list: a matched cohort analysis. Lancet, The, 2017, 389, 727-734.	13.7	82
13	Protease-activated receptor 1 activation is necessary for monocyte chemoattractant protein 1–dependent leukocyte recruitment in vivo. Journal of Experimental Medicine, 2008, 205, 1739-1746.	8.5	81
14	IN VITRO ACCOMMODATION OF IMMORTALIZED PORCINE ENDOTHELIAL CELLS. Transplantation, 1996, 62, 1127-1136.	1.0	81
15	Clinical xenotransplantation of solid organs. Lancet, The, 1997, 349, 867-871.	13.7	78
16	Tailored desensitization strategies in ABO blood group antibody incompatible renal transplantation. Transplant International, 2014, 27, 187-196.	1.6	75
17	Coagulation dysregulation as a barrier to xenotransplantation in the primate. Transplant Immunology, 2009, 21, 75-80.	1.2	70
18	T cellâ€mediated xenograft rejection: Specific tolerance is probably required for long term xenograft survival. Xenotransplantation, 1998, 5, 234-245.	2.8	67

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19	Expression of Tissue Factor and Initiation of Clotting by Human Platelets and Monocytes After Incubation With Porcine Endothelial Cells. Transplantation, 2008, 86, 702-709.	1.0	67
20	The roles of thrombin and protease-activated receptors in inflammation. Seminars in Immunopathology, 2012, 34, 63-72.	6.1	61
21	NITRIC OXIDE-MEDIATED EXPRESSION OF Bcl-2 AND Bcl-xl AND PROTECTION FROM TUMOR NECROSIS FACTOR-??-MEDIATED APOPTOSIS IN PORCINE ENDOTHELIAL CELLS AFTER EXPOSURE TO LOW CONCENTRATIONS OF XENOREACTIVE NATURAL ANTIBODY1. Transplantation, 2001, 71, 599-605.	1.0	54
22	Outcome of Patients with Preformed Donor-Specific Antibodies Following Alemtuzumab Induction and Tacrolimus Monotherapy. American Journal of Transplantation, 2011, 11, 470-477.	4.7	52
23	Porcine CTLA4-Ig Lacks a MYPPPY Motif, Binds Inefficiently to Human B7 and Specifically Suppresses Human CD4+ T Cell Responses Costimulated by Pig But Not Human B7. Journal of Immunology, 2000, 165, 3175-3181.	0.8	51
24	Ex Vivo Expanded Human Regulatory T Cells Delay Islet Allograft Rejection via Inhibiting Islet-Derived Monocyte Chemoattractant Protein-1 Production in CD34+ Stem Cells-Reconstituted NOD-scid IL2rγnull Mice. PLoS ONE, 2014, 9, e90387.	2.5	50
25	Inhibition of intravascular thrombosis in murine endotoxemia by targeted expression of hirudin and tissue factor pathway inhibitor analogs to activated endothelium. Blood, 2004, 104, 1344-1349.	1.4	49
26	Kidney Transplantation With Minimized Maintenance: Alemtuzumab Induction With Tacrolimus Monotherapy—An Open Label, Randomized Trial. Transplantation, 2011, 92, 774-780.	1.0	49
27	Atorvastatin or transgenic expression of TFPI inhibits coagulation initiated by antiâ€nonGal IgG binding to porcine aortic endothelial cells. Journal of Thrombosis and Haemostasis, 2010, 8, 2001-2010.	3.8	48
28	Achieving Permanent Survival of Islet Xenografts by Independent Manipulation of Direct and Indirect T-Cell Responses. Diabetes, 2005, 54, 1048-1055.	0.6	47
29	The use of eculizumab in renal transplantation. Clinical Transplantation, 2013, 27, E216-29.	1.6	47
30	Regulatory B cells: Development, phenotypes, functions, and role in transplantation. Immunological Reviews, 2019, 292, 164-179.	6.0	46
31	Antibody-Mediated Rejection After Alemtuzumab Induction: Incidence, Risk Factors, and Predictors of Poor Outcome. Transplantation, 2011, 92, 176-182.	1.0	45
32	The Interface Between Coagulation and Immunity. American Journal of Transplantation, 2007, 7, 499-506.	4.7	43
33	B-lymphocytes support and regulate indirect T-cell alloreactivity in individual patients with chronic antibody-mediated rejection. Kidney International, 2015, 88, 560-568.	5.2	42
34	REGULATED INHIBITION OF COAGULATION BY PORCINE ENDOTHELIAL CELLS EXPRESSING P-SELECTIN-TAGGED HIRUDIN AND TISSUE FACTOR PATHWAY INHIBITOR FUSION PROTEINS. Transplantation, 1999, 68, 832-839.	1.0	42
35	Expression of Human Tissue Factor Pathway Inhibitor on Vascular Smooth Muscle Cells Inhibits Secretion of Macrophage Migration Inhibitory Factor and Attenuates Atherosclerosis in ApoE â°'/â^' Mice. Circulation, 2015, 131, 1350-1360.	1.6	36
36	Prospects for xenografting. Current Opinion in Immunology, 1994, 6, 765-769.	5.5	35

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37	ABO Incompatible Living Renal Transplantation With a Steroid Sparing Protocol. Transplantation, 2008, 86, 901-906.	1.0	35
38	INHIBITION OF TISSUE FACTOR-DEPENDENT AND -INDEPENDENT COAGULATION BY CELL SURFACE EXPRESSION OF NOVEL ANTICOAGULANT FUSION PROTEINS. Transplantation, 1999, 67, 467-474.	1.0	35
39	Graft dysfunction in chronic antibody-mediated rejection correlates with B-cellâ \in "dependent indirect antidonor alloresponses and autocrine regulation of interferon- \hat{l}^3 production by Th1 cells. Kidney International, 2017, 91, 477-492.	5.2	34
40	Clinical Xenotransplantation: Pigs Might Fly?. American Journal of Transplantation, 2002, 2, 695-700.	4.7	32
41	Expression of Hirudin Fusion Proteins in Mammalian Cells. Circulation, 1998, 98, 2744-2752.	1.6	31
42	Endothelial cell cytoprotection inducedin vitro by allo- or xenoreactive antibodies is mediated by signaling through adenosine A2 receptors. European Journal of Immunology, 2003, 33, 3127-3135.	2.9	31
43	A new and clinically relevant murine model of solid-organ transplant aspergillosis. DMM Disease Models and Mechanisms, 2013, 6, 643-51.	2.4	31
44	Organ Pretreatment With Cytotopic Endothelial Localizing Peptides to Ameliorate Microvascular Thrombosis and Perfusion Deficits in Ex Vivo Renal Hemoreperfusion Models. Transplantation, 2016, 100, e128-e139.	1.0	31
45	Are anti-endothelial cell antibodies a pre-requisite for the acute vascular rejection of xenografts?. Xenotransplantation, 2003, 10, 16-23.	2.8	30
46	A multicenter randomized controlled trial indicatesÂthat paclitaxel-coated balloons provideÂno benefit for arteriovenous fistulas. Kidney International, 2021, 100, 447-456.	5.2	30
47	Difference in outcomes after antibody-mediated rejection between abo-incompatible and positive cross-match transplantations. Transplant International, 2015, 28, 1205-1215.	1.6	29
48	In vitro accommodation of porcine endothelial cells by low dose human antiâ€pig antibody: Reduced binding of human lymphocytes by accommodated cells associated with increased nitric oxide production. Xenotransplantation, 1998, 5, 84-92.	2.8	28
49	Cross-species costimulation: relative contributions of CD80, CD86, and CD40. Transplantation, 2003, 75, 2068-2076.	1.0	28
50	NK-cell-dependent acute xenograft rejection in the mouse heart-to-rat model. Xenotransplantation, 2006, 13, 408-414.	2.8	28
51	Paclitaxel-coated balloon fistuloplasty versus plain balloon fistuloplasty only to preserve the patency of arteriovenous fistulae used for haemodialysis (PAVE): study protocol for a randomised controlled trial. Trials, 2016, 17, 241.	1.6	28
52	Costimulatory blockade by the induction of an endogenous xenospecific antibody response. Nature lmmunology, 2000, $1,163-168$.	14.5	27
53	Effect of delayed graft function on longer-term outcomes after kidney transplantation from donation after circulatory death donors in the United Kingdom: A national cohort study. American Journal of Transplantation, 2021, 21, 3346-3355.	4.7	27
54	Cellular xenoresponses: Observation of significant primary indirect human T cell antiâ€pig xenoresponses using coâ€stimulatorâ€deficient or SLA class Ilâ€negative porcine stimulators. Xenotransplantation, 1996, 3, 112-119.	2.8	25

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55	Progenitor cells and vascular disease. Cell Proliferation, 2008, 41, 146-164.	5.3	25
56	Transplant Accommodationâ€"Are the Lessons Learned from Xenotransplantation Pertinent for Clinical Allotransplantation?. American Journal of Transplantation, 2012, 12, 545-553.	4.7	25
57	Cure of Disseminated Cryptococcal Infection in a Renal Allograft Recipient After Addition of gamma-Interferon to Anti-Fungal Therapy. American Journal of Transplantation, 2005, 5, 2067-2069.	4.7	22
58	Potential factors influencing the development of thrombocytopenia and consumptive coagulopathy after genetically modified pig liver xenotransplantation. Transplant International, 2012, 25, 882-896.	1.6	22
59	Cellular xenoresponses: Although vigorous, direct human T cell antiâ€pig primary xenoresponses are significantly weaker than equivalent alloresponses. Xenotransplantation, 1996, 3, 149-157.	2.8	21
60	CLONING OF PORCINE INTERCELLULAR ADHESION MOLECULE-1 AND CHARACTERIZATION OF ITS INDUCTION ON ENDOTHELIAL CELLS BY CYTOKINES1. Transplantation, 2000, 70, 579-586.	1.0	21
61	HLA-G inhibits the transendothelial cell migration of human NK cells: a strategy for inhibiting xenograft rejection. Transplantation Proceedings, 2000, 32, 938.	0.6	21
62	The cellular rejection of xenografts - recent insights. Xenotransplantation, 2003, 10, 4-6.	2.8	21
63	Postinjury vascular intimal hyperplasia in mice is completely inhibited by CD34+ bone marrow-derived progenitor cells expressing membrane-tethered anticoagulant fusion proteins. Journal of Thrombosis and Haemostasis, 2006, 4, 2191-2198.	3.8	19
64	Regenerative repair after endoluminal injury in mice with specific antagonism of protease activated receptors on CD34+ vascular progenitors. Blood, 2008, 111, 4155-4164.	1.4	19
65	APT070 (mirococept), a membraneâ€localizing C3 convertase inhibitor, attenuates early human islet allograft damage <i>in vitro</i> and <i>in vivo</i> in a humanized mouse model. British Journal of Pharmacology, 2016, 173, 575-587.	5.4	19
66	Human Tissue Factor Pathway Inhibitor Fused to CD4 Binds both FXa and TF/FVIIa at the Cell Surface. Thrombosis and Haemostasis, 1997, 78, 1488-1494.	3.4	19
67	Microcoagulation processes after xenotransplantation. Current Opinion in Organ Transplantation, 2005, 10, 240-245.	1.6	18
68	Clinical trial of islet xenotransplantation in Mexico. Xenotransplantation, 2006, 13, 371-372.	2.8	18
69	Donor HO-1 Expression Inhibits Intimal Hyperplasia in Unmanipulated Graft Recipients: A Potential Role for CD8+ T-Cell Modulation by Carbon Monoxide. Transplantation, 2009, 88, 653-661.	1.0	18
70	Human thrombin and FXa mediate porcine endothelial cell activation; modulation by expression of TFPI-CD4 and hirudin-CD4 fusion proteins. Xenotransplantation, 2001, 8, 258-265.	2.8	17
71	All anti-HBc-positive, HBsAg-negative dialysis patients on the transplant waiting list should be regarded as at risk of hepatitis B reactivation post-renal transplantation–report of three cases from a single centre. Nephrology Dialysis Transplantation, 2006, 21, 3316-3319.	0.7	17
72	Plasmapheresis as rescue therapy for systemic lupus erthyematosus-associated diffuse alveolar haemorrhage. BMJ Case Reports, 2011, 2011, bcr0220113893-bcr0220113893.	0.5	17

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73	Clinical risk stratification of paediatric renal transplant recipients using C1q and C3d fixing of de novo donor-specific antibodies. Pediatric Nephrology, 2018, 33, 167-174.	1.7	17
74	Endothelial cell-specific anticoagulation reduces inflammation in a mouse model of acute lung injury. Acta Pharmacologica Sinica, 2019, 40, 769-780.	6.1	17
75	Clinical–pathological correlations in postâ€transplant thrombotic microangiopathy. Histopathology, 2019, 75, 88-103.	2.9	16
76	Effect of Optimized Immunosuppression (Including Rituximab) on Anti-Donor Alloresponses in Patients With Chronically Rejecting Renal Allografts. Frontiers in Immunology, 2020, 11, 79.	4.8	16
77	Regulation of Rat and Human T-Cell Immune Response by Pharmacologically Modified Dendritic Cells. Transplantation, 2009, 87, 1617-1628.	1.0	15
78	Pancreatic-Derived Pathfinder Cells Enable Regeneration of Critically Damaged Adult Pancreatic Tissue and Completely Reverse Streptozotocin-Induced Diabetes. Rejuvenation Research, 2011, 14, 163-171.	1.8	15
79	B cells in renal transplantation: pathological aspects and therapeutic interventions. Nephrology Dialysis Transplantation, 2011, 26, 767-774.	0.7	15
80	Renal Allograft Recipients Fail to Increase Interferon- \hat{l}^3 During Invasive Fungal Diseases. American Journal of Transplantation, 2012, 12, 3437-3440.	4.7	15
81	Role of <scp>P</scp> â€selectin and <scp>P</scp> â€selectin glycoprotein ligandâ€1 interaction in the induction of tissue factor expression on human platelets after incubation with porcine aortic endothelial cells. Xenotransplantation, 2014, 21, 16-24.	2.8	14
82	Transplant Accommodation. American Journal of Transplantation, 2003, 3, 917-918.	4.7	13
83	Incidence and Outcome of C4d Staining With Tubulointerstitial Inflammation in Blood Group-incompatible Kidney Transplantation. Transplantation, 2015, 99, 1487-1494.	1.0	13
84	Thrombalexins: Cell-Localized Inhibition of Thrombin and Its Effects in a Model of High-Risk Renal Transplantation. American Journal of Transplantation, 2017, 17, 272-280.	4.7	13
85	Disordered thromboregulation after xenografting. Current Opinion in Organ Transplantation, 2001, 6, 36-41.	1.6	12
86	Smooth muscle cells in porcine vein graft intimal hyperplasia are derived from the local vessel wall. Cardiovascular Pathology, 2011, 20, e91-e94.	1.6	12
87	Proteaseâ€activated receptorâ€2 signalling by tissue factor on dendritic cells suppresses antigenâ€specific <scp>CD</scp> 4 ⁺ T"ll priming. Immunology, 2013, 139, 219-226.	4.4	12
88	Innate networking: Thrombotic microangiopathy, the activation of coagulation and complement in the sensitized kidney transplant recipient. Transplantation Reviews, 2018, 32, 119-126.	2.9	12
89	Protease Activated Receptor 4 as a Novel Modulator of Regulatory T Cell Function. Frontiers in Immunology, 2019, 10, 1311.	4.8	12
90	B lymphocytes contribute to indirect pathway T cell sensitization via acquisition of extracellular vesicles. American Journal of Transplantation, 2021, 21, 1415-1426.	4.7	12

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91	Inhibition of Thrombin Receptor Signaling on α-Smooth Muscle Actin + CD34 + Progenitors Leads to Repair After Murine Immune Vascular Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 42-49.	2.4	10
92	Fibrocytes mediate intimal hyperplasia post-vascular injury and are regulated by two tissue factor-dependent mechanisms. Journal of Thrombosis and Haemostasis, 2013, 11, 963-974.	3.8	10
93	Potential Application of T-Follicular Regulatory Cell Therapy in Transplantation. Frontiers in Immunology, 2020, 11, 612848.	4.8	10
94	Extraanatomic stents for transplant ureteric stenosis. British Journal of Radiology, 2007, 80, 216-218.	2.2	9
95	???ACCOMMODATED??? PIG ENDOTHELIAL CELLS PROMOTE NITRIC OXIDE-DEPENDENT Th-2 CYTOKINE RESPONSES FROM HUMAN T CELLS1. Transplantation, 2001, 72, 1597-1602.	1.0	8
96	Response to Valdes-Gonzalez ''Clinical trial of islet xenotransplantation in Mexico''. Xenotransplantation, 2007, 14, 90-91.	2.8	8
97	Can a combined screening/treatment programme prevent premature failure of renal transplants due to chronic rejection in patients with HLA antibodies: study protocol for the multicentre randomised controlled OuTSMART trial. Trials, 2014, 15, 30.	1.6	8
98	Regression of Atherosclerosis in ApoEâ^'/â^' Mice Via Modulation of Monocyte Recruitment and Phenotype, Induced by Weekly Dosing of a Novel "Cytotopic―Antiâ€Thrombin Without Prolonged Anticoagulation. Journal of the American Heart Association, 2020, 9, e014811.	3.7	8
99	Xenotransplantation: Immune Barriers beyond Hyperacute Rejection. Clinical Science, 1997, 93, 493-505.	4.3	7
100	Reply to 'Critics slam Russian trial to test pig pancreas for diabetes'. Nature Medicine, 2007, 13, 662-663.	30.7	7
101	For the many: permitting deceased donor kidney transplantation across lowâ€titre blood group antibodies can reduce wait times for blood group B recipients, and improve the overall number of 000⟨scp⟩MM⟨/scp⟩transplants ―a multicentre observational cohort study. Transplant International, 2019, 32, 431-442.	1.6	7
102	PAR-1 signaling on macrophages is required for effective inÂvivo delayed-type hypersensitivity responses. IScience, 2021, 24, 101981.	4.1	7
103	Generation of a polyclonal rabbit anti-mouse tissue factor antibody by nucleic acid immunisation. Thrombosis and Haemostasis, 2005, 93, 160-164.	3.4	6
104	Inhibition of Angiopoietin-2 Production by Myofibrocytes Inhibits Neointimal Hyperplasia After Endoluminal Injury in Mice. Frontiers in Immunology, 2018, 9, 1517.	4.8	6
105	DEVELOPING A PORCINE TRANSPLANTATION MODEL: EFFICIENT GENE TRANSFER INTO PORCINE VASCULAR CELLS. Transplantation, 2004, 77, 1443-1451.	1.0	5
106	Transitional B cell subsets—a convincing predictive biomarker for allograft loss?. Kidney International, 2017, 91, 18-20.	5.2	5
107	Strategies for preventing porcine xenograft rejection: recent progress and future developments. Expert Opinion on Therapeutic Patents, 1997, 7, 1307-1319.	5.0	4
108	Update to the study protocol, including statistical analysis plan, for the multicentre, randomised controlled OuTSMART trial: a combined screening/treatment programme to prevent premature failure of renal transplants due to chronic rejection in patients with HLA antibodies. Trials, 2019, 20, 476.	1.6	4

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109	The phenotype of HLA-binding B cells from sensitized kidney transplant recipients correlates with clinically prognostic patterns of interferon- \hat{I}^3 production against purified HLA proteins. Kidney International, 2022, 102, 355-369.	5.2	4
110	Tolerance or Accommodation: The Lesson from Leflunomide. Transplantation, 2005, 79, 133-134.	1.0	3
111	Rituximab May Not Lead to Increased Infection Rates in Transplant Recipients. American Journal of Transplantation, 2010, 10, 2723-2724.	4.7	3
112	Enhanced effect of inhibition of thrombin on endothelium in murine endotoxaemia: Specific inhibition of thrombocytopenia. Thrombosis Research, 2013, 132, 750-756.	1.7	3
113	HLA-G inhibits the transendothelial migration of human NK cells. , 2000, 30, 586.		3
114	EXPRESSION OF NOVEL ANTICOAGULANT FUSION PROTEINS INHIBITS FACTOR XA- AND THROMBIN-INDUCED ACTIVATION OF PORCINE VASCULAR ENDOTHELIAL CELLS Transplantation, 2000, 69, S383.	1.0	2
115	A pig allograft model of antibody-mediated rejection. Transplant Immunology, 2008, 19, 167-172.	1.2	2
116	Optimising long-term graft survival: establishing the benefit of targeting B lymphocytes. Clinical Medicine, 2014, 14, s84-s88.	1.9	2
117	Regulation of T- and B-cell interactions determines the clinical phenotype associated with donor-specific antibodies. Kidney International, 2022, 101, 877-879.	5.2	2
118	Regulated endothelial cell expression of novel anticoagulants: a strategy for the prevention and therapy of intravascular thrombosis. Transplantation Proceedings, 2000, 32, 971.	0.6	1
119	Immunosuppression of direct T-cell–mediated xenorecognition in vitro. Transplantation Proceedings, 2001, 33, 697-698.	0.6	1
120	Effect of rituximab on antiâ€donor Tâ€cell responses. Transplant International, 2020, 33, 1322-1323.	1.6	1
121	Paclitaxel-assisted balloon angioplasty of venous stenosis in haemodialysis access: PAVE RCT. Efficacy and Mechanism Evaluation, 2021, 8, 1-36.	0.7	1
122	Genetically Engineering a Pig that Minimizes Coagulation Incompatibilities. Graft: Organ and Cell Transplantation, 0, 4, 72-75.	0.0	1
123	Phenotypic Characterization of Histiocytes Infiltrating a Leiomyofibrosarcoma. Journal of Comparative Pathology, 1999, 120, 177-186.	0.4	0