David K C Cooper

List of Publications by Year
in descending order

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428 papers	18,167 citations	11608 70 h-index	24179 110 g-index
437 all docs	437 docs citations	437 times ranked	6524 citing authors

#	Article	IF	Citations
1	Shooting for the moon: Genome editing for pig heart xenotransplantation. Journal of Thoracic and Cardiovascular Surgery, 2023, 166, 973-980.	0.4	5
2	Bridging to Allotransplantationâ€"Is Pig Liver Xenotransplantation the Best Option?. Transplantation, 2022, 106, 26-36.	0.5	8
3	The Genetically Engineered Heart as a Bridge to Allotransplantation in Infants Just Around the Corner?. Annals of Thoracic Surgery, 2022, 114, 536-544.	0.7	30
4	Scientific and psychosocial ethical considerations for initial clinical trials of kidney xenotransplantation. Xenotransplantation, 2022, 29, .	1.6	11
5	Profound thrombocytopenia associated with administration of multiple antiâ€inflammatory agents in baboons. Immunity, Inflammation and Disease, 2022, 10, .	1.3	2
6	Recent progress in the pigâ€toâ€nonhuman primate kidney transplantation model: Report of a symposium. Xenotransplantation, 2022, 29, e12728.	1.6	4
7	T and B lymphocyte dynamics after genetically-modified pig-to-baboon kidney xenotransplantation with an anti-CD40mAb-based immunosuppressive regimen. Transplant Immunology, 2022, 71, 101545.	0.6	3
8	Invited commentary: Initial reflections on the world's first clinical geneticallyâ€engineered pig heart transplant. Xenotransplantation, 2022, 29, e12737.	1.6	7
9	The future of cardiac xenotransplantation. Nature Reviews Cardiology, 2022, 19, 281-282.	6.1	10
10	Serum Antibody Binding and Cytotoxicity to Pig Cells in Chinese Subjects: Relevance to Clinical Renal Xenotransplantation. Frontiers in Immunology, 2022, 13, 844632.	2.2	4
11	The potential of genetically engineered pig heart transplantation in infants with complex congenital heart disease. Pediatric Transplantation, 2022, 26, e14260.	0.5	8
12	Physiological aspects of pig kidney xenotransplantation and implications for management following transplant. Xenotransplantation, 2022, 29, e12743.	1.6	21
13	Current Topics of Relevance to the Xenotransplantation of Free Pig Islets. Frontiers in Immunology, 2022, 13, 854883.	2.2	4
14	The 2021 IXA Keith Reemtsma Lecture: Moving xenotransplantation to the clinic. Xenotransplantation, 2022, 29, e12723.	1.6	12
15	Informed Consent for Potential Recipients of Pig Kidney Xenotransplantation in the United States. Transplantation, 2022, 106, 1754-1762.	0.5	17
16	Pig heart and lung xenotransplantation: Present status. Journal of Heart and Lung Transplantation, 2022, 41, 1014-1022.	0.3	18
17	Expert Opinion Special Feature: Patient Selection for Initial Clinical Trials of Pig Organ Transplantation. Transplantation, 2022, 106, 1720-1723.	0.5	5
18	Clinical trials of pediatric cardiac xenotransplantation. American Journal of Transplantation, 2021, 21, 433-434.	2.6	6

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19	The problem of the â€œ4th xenoantigenâ€•after pig organ transplantation in nonâ€•human primates may be overcome by expression of human â€œprotectiveâ€•proteins. Xenotransplantation, 2021, 28, e12658.	1.6	12
20	Growth hormone receptor knockout: Relevance to xenotransplantation. Xenotransplantation, 2021, 28, e12652.	1.6	25
21	Attitudes toward xenotransplantation: A survey of parents and pediatric cardiac providers. Pediatric Transplantation, 2021, 25, e13851.	0.5	30
22	Racial differences in attitudes to clinical pig organ Xenotransplantation. Xenotransplantation, 2021, 28, e12656.	1.6	19
23	The first clinical trialâ€”Kidney or heart?. Xenotransplantation, 2021, 28, e12644.	1.6	9
24	Pig kidney xenotransplantation: Progress toward clinical trials. Clinical Transplantation, 2021, 35, e14139.	0.8	37
25	The Role of SLAs in Xenotransplantation. Transplantation, 2021, 105, 300-307.	0.5	24
26	What Therapeutic Regimen Will Be Optimal for Initial Clinical Trials of Pig Organ Transplantation?. Transplantation, 2021, 105, 1143-1155.	0.5	28
27	Anti-pig IgE and IgA Antibodies in Naive Primates and Nonhuman Primates With Pig Xenografts. Transplantation, 2021, 105, 318-327.	0.5	7
28	Deceased humans and living pigs as sources of kidneys for clinical transplantationâ€”Can they be compared?. Xenotransplantation, 2021, 28, e12670.	1.6	2
29	Potential roles of mesenchymal stromal cells in islet alloâ€•and xenotransplantation for type 1 diabetes mellitus. Xenotransplantation, 2021, 28, e12678.	1.6	9
30	A perspective on the potential detrimental role of inflammation in pig orthotopic heart xenotransplantation. Xenotransplantation, 2021, 28, e12687.	1.6	11
31	Comparison of porcine corneal decellularization methods and importance of preserving corneal limbus through decellularization. PLoS ONE, 2021, 16, e0243682.	1.1	10
32	Factors influencing attitudes toward xenotransplantation clinical trials: A report of focus group studies. Xenotransplantation, 2021, 28, e12684.	1.6	26
33	Human Hemangioblast-Derived Mesenchymal Stem Cells Promote Islet Engraftment in a Minimal Islet Mass Transplantation Model in Mice. Frontiers in Medicine, 2021, 8, 660877.	1.2	2
34	Immunological selection and monitoring of patients undergoing pig kidney transplantation. Xenotransplantation, 2021, 28, e12686.	1.6	11
35	Natural antiâ€•pig antibodies in infant baboons. Xenotransplantation, 2021, 28, e12692.	1.6	2
36	Evidence suggesting that deletion of expression of Nâ€•glycolylneuraminic acid (Neu5Gc) in the organâ€•source pig is associated with increased antibodyâ€•mediated rejection of kidney transplants in baboons. Xenotransplantation, 2021, 28, e12700.	1.6	23

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37	Evidence that sensitization to tripleâ€knockout pig cells will not be detrimental to subsequent allotransplantation. Xenotransplantation, 2021, 28, e12701.	1.6	14
38	Ignoring a basic pathophysiological mechanism of heart failure progression will not make it go away. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1919-H1922.	1.5	5
39	Stable expression of the human thrombomodulin transgene in pig endothelial cells is associated with a reduction in the inflammatory response. Cytokine, 2021, 148, 155580.	1.4	3
40	Genetic engineering of porcine endothelial cell lines for evaluation of human-to-pig xenoreactive immune responses. Scientific Reports, 2021, 11, 13131.	1.6	8
41	Aspects of histocompatibility testing in xenotransplantation. Transplant Immunology, 2021, 67, 101409.	0.6	7
42	Suggested Patient Selection Criteria for Initial Clinical Trials of Pig Kidney Xenotransplantation in the United States. Transplantation, 2021, 105, 1904-1908.	0.5	25
43	â€œYou cannot stay in the laboratory foreverâ€•: Taking pig kidney xenotransplantation from the laboratory to the clinic. EBioMedicine, 2021, 71, 103562.	2.7	17
44	Initial experimental experience of tripleâ€knockout pig red blood cells as potential sources for transfusion in alloimmunized patients with sickle cell disease. Transfusion, 2021, 61, 3104-3118.	0.8	10
45	Addressing concerns toward xenotransplantation. Journal of Cardiac Surgery, 2021, 36, 4821.	0.3	0
46	Histopathology of pig kidney grafts with/without expression of the carbohydrate Neu5Gc in immunosuppressed baboons. Xenotransplantation, 2021, 28, .	1.6	14
47	Initial evidence that blockade of the CD40/CD154 costimulation pathway alone is sufficient as maintenance therapy in xenotransplantation. Xenotransplantation, 2021, 28, .	1.6	12
48	Genetically engineered pig kidney transplantation in a brainâ€dead human subject. Xenotransplantation, 2021, 28, e12718.	1.6	26
49	The Role of Interleukin-6 (IL-6)Âin the Systemic Inflammatory Response in Xenograft Recipients and in Pig Kidney Xenograft Failure. Frontiers in Immunology, 2021, 12, 788949.	2.2	8
50	Anti-Pig Antibody in Infants: Can a Genetically Engineered Pig Heart Bridge to Allotransplantation?. Annals of Thoracic Surgery, 2020, 109, 1268-1273.	0.7	23
51	Is interleukin-6 receptor blockade (tocilizumab) beneficial or detrimental to pig-to-baboon organ xenotransplantation?. American Journal of Transplantation, 2020, 20, 999-1013.	2.6	23
52	Xenotransplantation of the endocrine pancreas. , 2020, , 423-446.		2
53	Efficacy of ATG and Rituximab in capuchin monkeys (a New World monkey)â€“An in vitro study relevant to xenotransplantation. Xenotransplantation, 2020, 27, e12627.	1.6	6
54	Heart surgery and transplantation: innovations impacting on concepts of life and death. Medical Humanities, 2020, 46, 372-383.	0.6	1

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55	Effect of intravenous immunoglobulin (IVIg) on primate complement-dependent cytotoxicity of genetically engineered pig cells: relevance to clinical xenotransplantation. Scientific Reports, 2020, 10, 11747.	1.6	11
56	How the COVIDâ€19 pandemic may impact public support for clinical xenotransplantation in the United States?. Xenotransplantation, 2020, 27, e12623.	1.6	12
57	Does expression of a human complement-regulatory protein on xenograft cells protect them from systemic complement activation?. International Journal of Surgery, 2020, 83, 184-188.	1.1	5
58	Extracellular histones and xenotransplantation. Xenotransplantation, 2020, 27, e12618.	1.6	5
59	Immunosuppressive and metabolic agents that influence alloâ€and xenograft survival by in vivo expansion of T regulatory cells. Xenotransplantation, 2020, 27, e12640.	1.6	2
60	The immune system in infants: Relevance to xenotransplantation. Pediatric Transplantation, 2020, 24, e13795.	0.5	11
61	Clinical Pig Kidney Xenotransplantation: How Close Are We?. Journal of the American Society of Nephrology: JASN, 2020, 31, 12-21.	3.0	48
62	Clinical trials of xenotransplantation: The need for a worldwide registry. Xenotransplantation, 2020, 27, e12598.	1.6	3
63	The human Tâ€cell proliferative response to tripleâ€knockout pig cells in mixed lymphocyte reaction. Xenotransplantation, 2020, 27, e12619.	1.6	6
64	What will be the cost of a geneticallyâ€engineered pig organ for clinical xenotransplantation?. Xenotransplantation, 2020, 27, e12606.	1.6	4
65	Attitudes to Clinical Pig Kidney Xenotransplantation among Medical Providers and Patients. Kidney360, 2020, 1, 657-662.	0.9	21
66	Old World Monkeys are less than ideal transplantation models for testing pig organs lacking three carbohydrate antigens (Triple-Knockout). Scientific Reports, 2020, 10, 9771.	1.6	68
67	Recommendations to the IRB review process in preparation of xenotransplantation clinical trials. Xenotransplantation, 2020, 27, e12587.	1.6	12
68	Inguinal Subcutaneous White Adipose Tissue (ISWAT) Transplantation Model of Murine Islets. Journal of Visualized Experiments, 2020, , .	0.2	1
69	Attitudes to Cardiac Xenotransplantation by Pediatric Heart Surgeons and Physicians. World Journal for Pediatric & Congenital Heart Surgery, 2020, 11, 426-430.	0.3	17
70	The final obstacle to successful preâ€clinical xenotransplantation?. Xenotransplantation, 2020, 27, e12596.	1.6	34
71	Paediatric xenotransplantation clinical trials and the right to withdraw. Journal of Medical Ethics, 2020, 46, 311-315.	1.0	19
72	Introduction: The Present Status of Xenotransplantation Research. Methods in Molecular Biology, 2020, 2110, 1-25.	0.4	13

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73	Thyroid Hormone Treatment in Heart Surgery and Heart Transplantation. , 2020, , 409-436.		1
74	Clinical trials of pig heart transplantation. Journal of Heart and Lung Transplantation, 2020, 39, 1509-1511.	0.3	4
75	Evidence for GTKO/Î²4GalNT2KO Pigs as the Preferred Organ-source for Old World Nonhuman Primates as a Preclinical Model of Xenotransplantation. Transplantation Direct, 2020, 6, e590.	0.8	22
76	Metaâ€analysis of public perception toward xenotransplantation. Xenotransplantation, 2020, 27, e12583.	1.6	33
77	Cardiac Xenotransplantation in Nonhuman Primates. , 2020, , 107-117.		0
78	Public Perceptions Toward the Clinical Trials of Organ Xenotransplantation. , 2020, , 277-285.		1
79	Cardiac xenotransplantation. , 2020, , 171-192.		0
80	Pig-to-Macaque Islet Xenotransplantation. Methods in Molecular Biology, 2020, 2110, 289-314.	0.4	2
81	Kidney Xenotransplantation in Nonhuman Primates. , 2020, , 91-106.		0
82	The Pathobiology of Pig-to-Primate Xeno.: A Historical Review. , 2020, , 27-63.		0
83	Is Sensitization to Pig Antigens Detrimental to Subsequent Allotransplantation?. , 2020, , 65-78.		0
84	Selection of Patients for the Initial Clinical Trials of Kidney Xenotransplantation. , 2020, , 209-220.		0
85	Is the renal subcapsular space the preferred site for clinical porcine islet xenotransplantation? Review article. International Journal of Surgery, 2019, 69, 100-107.	1.1	12
86	TNF-Î± promotes human antibody-mediated complement-dependent cytotoxicity of porcine endothelial cells through downregulating P38-mediated Occludin expression. Cell Communication and Signaling, 2019, 17, 75.	2.7	9
87	Incidence of Neoplasia in Pigs and Its Relevance to Clinical Organ Xenotransplantation. Comparative Medicine, 2019, 69, 86-94.	0.4	8
88	In Search of the Ideal Valve: Optimizing Genetic Modifications to Prevent Bioprosthetic Degeneration. Annals of Thoracic Surgery, 2019, 108, 624-635.	0.7	18
89	Human CTLA4-Ig therapy can give false-positive anti-pig antibody results in primates after xenotransplantation. Transplant Immunology, 2019, 57, 101243.	0.6	4
90	Selective inhibition of cyclooxygenaseâ€2 protects porcine aortic endothelial cells from human antibodyâ€mediated complementâ€dependent cytotoxicity. Xenotransplantation, 2019, 26, e12536.	1.6	3

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91	Decellularization methods for developing porcine corneal xenografts and future perspectives. Xenotransplantation, 2019, 26, e12564.	1.6	41
92	Indicators of impending pig kidney and heart xenograft failure: Relevance to clinical organ xenotransplantation - Review article. International Journal of Surgery, 2019, 70, 84-91.	1.1	8
93	Downregulation of Gabarapl1 significantly attenuates antibody binding to porcine aortic endothelial cells. Xenotransplantation, 2019, 26, e12537.	1.6	2
94	Financial support for xenotransplantation research. Xenotransplantation, 2019, 26, e12483.	1.6	4
95	Evidence for the important role of inflammation in xenotransplantation. Journal of Inflammation, 2019, 16, 10.	1.5	32
96	A potential role of TLR2 in xenograft rejection of porcine iliac endothelial cells: An in vitro study. Xenotransplantation, 2019, 26, e12526.	1.6	8
97	Circulating pigâ€specific DNA as a novel biomarker for monitoring xenograft rejection. Xenotransplantation, 2019, 26, e12522.	1.6	6
98	The complex functioning of the complement system in xenotransplantation. Xenotransplantation, 2019, 26, e12517.	1.6	32
99	Justification of specific genetic modifications in pigs for clinical organ xenotransplantation. Xenotransplantation, 2019, 26, e12516.	1.6	115
100	The â€œBaby Faeâ€•baboon heart transplantâ€”Potential cause of rejection. Xenotransplantation, 2019, 26, e12511.	1.6	4
101	A review of pig liver xenotransplantation: Current problems and recent progress. Xenotransplantation, 2019, 26, e12497.	1.6	27
102	Carbohydrate antigen expression and antiâ€pig antibodies in New World capuchin monkeys: Relevance to studies of xenotransplantation. Xenotransplantation, 2019, 26, e12498.	1.6	38
103	Potential pathological role of proâ€inflammatory cytokines (ILâ€6, TNFâ€Î±, and ILâ€17) in xenotransplantation. Xenotransplantation, 2019, 26, e12502.	1.6	33
104	Cover Image, Volume 26, Issue 3. Xenotransplantation, 2019, 26, e12539.	1.6	0
105	Life-supporting Kidney Xenotransplantation From Genetically Engineered Pigs in Baboons: A Comparison of Two Immunosuppressive Regimens. Transplantation, 2019, 103, 2090-2104.	0.5	74
106	The potential role of 3D-bioprinting in xenotransplantation. Current Opinion in Organ Transplantation, 2019, 24, 547-554.	0.8	8
107	Circulating mi<scp>RNA</scp> or circulating <scp>DNA</scp>â€”Potential biomarkers for organ transplant rejection. Xenotransplantation, 2019, 26, e12444.	1.6	1
108	Will donorâ€derived neoplasia be problematic after clinical pig organ or cell xenotransplantation?. Xenotransplantation, 2019, 26, e12469.	1.6	3

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109	Experimental Pig Heart Xenotransplantationâ€"Recent Progress and Remaining Problems. Annals of Thoracic Surgery, 2019, 107, 989-992.	0.7	6
110	Chronic dialysis in patients with endâ€stage renal disease: Relevance to kidney xenotransplantation. Xenotransplantation, 2019, 26, e12471.	1.6	22
111	Lifeâ€supporting porcine cardiac xenotransplantation: The Munich study. Xenotransplantation, 2019, 26, e12486.	1.6	2
112	Episodes of hypovolemia/dehydration in baboons with pig kidney transplants: A new syndrome of clinical importance?. Xenotransplantation, 2019, 26, e12472.	1.6	31
113	The Case for Cardiac Xenotransplantation in Neonates: Is Now the Time to Reconsider Xenotransplantation for Hypoplastic Left Heart Syndrome?. Pediatric Cardiology, 2019, 40, 437-444.	0.6	38
114	Genetically-engineered pigs as sources for clinical red blood cell transfusion: What pathobiological barriers need to be overcome?. Blood Reviews, 2019, 35, 7-17.	2.8	12
115	Bringing Home The Bacon: Update on The State of Kidney Xenotransplantation. Blood Purification, 2018, 45, 254-259.	0.9	12
116	Jewish, Christian and Muslim theological perspectives about xenotransplantation. Xenotransplantation, 2018, 25, e12400.	1.6	56
117	Is sensitization to pig antigens detrimental to subsequent allotransplantation?. Xenotransplantation, 2018, 25, e12393.	1.6	38
118	Reducing immunoreactivity of porcine bioprosthetic heart valves by genetically-deleting three major glycan antigens, GGTA1/Î²4GalNT2/CMAH. Acta Biomaterialia, 2018, 72, 196-205.	4.1	72
119	The Sda and Cad glycan antigens and their glycosyltransferase, Î²1,4Gal<scp>NA</scp>cTâ€<scp>II</scp>, in xenotransplantation. Xenotransplantation, 2018, 25, e12386.	1.6	28
120	Immune Responses of HLA Highly Sensitized and Nonsensitized Patients to Genetically Engineered Pig Cells. Transplantation, 2018, 102, e195-e204.	0.5	24
121	Skin xenotransplantation: Historical review and clinical potential. Burns, 2018, 44, 1738-1749.	1.1	73
122	Overcoming Coagulation Dysregulation in Pig Solid Organ Transplantation in Nonhuman Primates. Transplantation, 2018, 102, 1050-1058.	0.5	37
123	Christiaan Barnardâ€"The surgeon who dared: The story of the first human-to-human heart transplant. Global Cardiology Science & Practice, 2018, 2018, 11.	0.3	8
124	Cover Image, Volume 25, Issue 2. Xenotransplantation, 2018, 25, e12397.	1.6	0
125	Perspectives on the Optimal Genetically Engineered Pig in 2018 for Initial Clinical Trials of Kidney or Heart Xenotransplantation. Transplantation, 2018, 102, 1974-1982.	0.5	36
126	Data on B cell phenotypes in baboons with pig artery patch grafts receiving conventional immunosuppressive therapy. Data in Brief, 2018, 20, 1965-1974.	0.5	3

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127	Christiaan Barnard's views on euthanasia. Baylor University Medical Center Proceedings, 2018, 31, 229-230.	0.2	0
128	Physiologic Aspects of Pig Kidney Transplantation in Nonhuman Primates. Comparative Medicine, 2018, 68, 332-340.	0.4	43
129	Serum amyloid a as an indicator of impending xenograft failure: Experimental studies. International Journal of Surgery, 2018, 60, 283-290.	1.1	13
130	Xenotransplantation research and the â€˜International Journal of Surgeryâ€™. International Journal of Surgery, 2018, 58, 57-59.	1.1	0
131	Serum amyloid A as a marker of inflammation in xenotransplantation. European Journal of Inflammation, 2018, 16, 205873921878004.	0.2	5
132	Expression and Regulation Profile of Mature MicroRNA in the Pig: Relevance to Xenotransplantation. BioMed Research International, 2018, 2018, 1-9.	0.9	11
133	Porcine <scp>IL</scp>â€6, <scp>IL</scp>â€1Î², and <scp>TNF</scp>â€Î± regulate the expression of proâ€inflammatoryâ€related genes and tissue factor in human umbilical vein endothelial cells. Xenotransplantation, 2018, 25, e12408.	1.6	26
134	Transplant Tolerance: Current Insights and Strategies for Long-Term Survival of Xenografts. Archivum Immunologiae Et Therapiae Experimentalis, 2018, 66, 355-364.	1.0	4
135	B cell phenotypes in baboons with pig artery patch grafts receiving conventional immunosuppressive therapy. Transplant Immunology, 2018, 51, 12-20.	0.6	10
136	An approach to induction of tolerance to pig cardiac xenografts in neonates. Xenotransplantation, 2018, 25, e12454.	1.6	12
137	Christiaan Barnardâ€”The Great Communicator?. American Journal of Cardiology, 2018, 121, 1652-1655.	0.7	0
138	Future Directions in Liver Replacement Therapy: Liver Xenotransplantation. , 2018, , 347-377.		0
139	The forgotten French: The â€˜heroicâ€™ era of kidney transplantation. Journal of Medical Biography, 2017, 25, 234-239.	0.1	1
140	Initial study of Î±1,3â€galactosyltransferase geneâ€knockout/<scp>CD</scp>46 pig fullâ€thickness corneal xenografts in rhesus monkeys. Xenotransplantation, 2017, 24, e12282.	1.6	18
141	Safe use of antiâ€<scp>CD</scp>154 monoclonal antibody in pig islet xenotransplantation in monkeys. Xenotransplantation, 2017, 24, e12283.	1.6	31
142	Klotho attenuated antibodyâ€mediated porcine endothelial cell activation and injury. Xenotransplantation, 2017, 24, e12286.	1.6	2
143	Transplantation of hepatocytes from genetically engineered pigs into baboons. Xenotransplantation, 2017, 24, e12289.	1.6	11
144	Development of retrocorneal membrane following pigâ€toâ€monkey penetrating keratoplasty. Xenotransplantation, 2017, 24, e12276.	1.6	11

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145	Early clinical xenotransplantation experiencesâ€"An interview with Thomas E. Starzl, MD, PhD. Xenotransplantation, 2017, 24, e12306.	1.6	13
146	Angiopoietinâ€1 and angiopoietinâ€2 protect porcine iliac endothelial cells from human antibodyâ€mediated complementâ€dependent cytotoxicity through phosphatidylinositide 3â€kinase/<scp>AKT</scp> pathway activation. Xenotransplantation, 2017, 24, e12309.	1.6	9
147	Altered expression of eNOS, prostacyclin synthase, prostaglandin G/H synthase, and thromboxane synthase in porcine aortic endothelial cells after exposure to human serumâ€"relevance to xenotransplantation. Cell Biology International, 2017, 41, 798-808.	1.4	3
148	The impact of serum incubation time on IgM/IgG binding to porcine aortic endothelial cells. Xenotransplantation, 2017, 24, e12312.	1.6	6
149	Immunological and physiological observations in baboons with lifeâ€supporting genetically engineered pig kidney grafts. Xenotransplantation, 2017, 24, e12293.	1.6	174
150	Therapeutic regulation of systemic inflammation in xenograft recipients. Xenotransplantation, 2017, 24, e12296.	1.6	36
151	Human ILâ€6, <scp>IL</scp>â€17, <scp>IL</scp>â€1Î², and <scp>TNF</scp>â€Î± differently regulate the expression of proâ€inflammatory related genes, tissue factor, and swine leukocyte antigen class I in porcine aortic endothelial cells. Xenotransplantation, 2017, 24, e12291.	1.6	54
152	Renal xenotransplantation: experimental progress and clinical prospects. Kidney International, 2017, 91, 790-796.	2.6	44
153	Xenotransplantation. Current Opinion in Organ Transplantation, 2017, 22, 513-521.	0.8	82
154	Potential Antigens Involved in Delayed Xenograft Rejection in a Ggta1/Cmah Dko Pig-to-Monkey Model. Scientific Reports, 2017, 7, 10024.	1.6	17
155	Encapsulation of Human Islets Using a Biomimetic Self-Assembled Nanomatrix Gel for Protection against Cellular Inflammatory Responses. ACS Biomaterials Science and Engineering, 2017, 3, 2110-2119.	2.6	9
156	Regulation of Clinical Xenotransplantationâ€"Time for a Reappraisal. Transplantation, 2017, 101, 1766-1769.	0.5	57
157	Financial aspects of organ procurement from deceased donors in the USA-Relevance to xenotransplantation. Xenotransplantation, 2017, 24, e12322.	1.6	8
158	JOINT <scp>FDA</scp>â€<scp>IXA</scp> SYMPOSIUM, SEPTEMBER 20, 2017. Xenotransplantation, 2017, 24, e12365.	1.6	12
159	Low antiâ€pig antibody levels are key to the success of solid organ xenotransplantation: But is this sufficient?. Xenotransplantation, 2017, 24, e12360.	1.6	6
160	An Investigation of Extracellular Histones in Pig-To-Baboon Organ Xenotransplantation. Transplantation, 2017, 101, 2330-2339.	0.5	30
161	Pig-to-Primate Islet Xenotransplantation: Past, Present, and Future. Cell Transplantation, 2017, 26, 925-947.	1.2	60
162	Selection of Patients for Initial Clinical Trials of Solid Organ Xenotransplantation. Transplantation, 2017, 101, 1551-1558.	0.5	59

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163	Production of Î±1,3-galactosyltransferase and cytidine monophosphate-N-acetylneuraminic acid hydroxylase gene double-deficient pigs by CRISPR/Cas9 and handmade cloning. Journal of Reproduction and Development, 2017, 63, 17-26.	0.5	45
164	The Role of Costimulation Blockade in Solid Organ and Islet Xenotransplantation. Journal of Immunology Research, 2017, 2017, 1-11.	0.9	47
165	Anti-Neu5Gc and anti-non-Neu5Gc antibodies in healthy humans. PLoS ONE, 2017, 12, e0180768.	1.1	42
166	Thomas E. Starzl, MD, PhD, 1926â€“2017. Xenotransplantation, 2017, 24, .	1.6	1
167	Circulating Organ-Specific MicroRNAs Serve as Biomarkers in Organ-Specific Diseases: Implications for Organ Allo- and Xeno-Transplantation. International Journal of Molecular Sciences, 2016, 17, 1232.	1.8	41
168	Sequence alignment analysis of proteins involved in platelet-endothelial cell interaction identifies molecular incompatibilities between Homo sapiens and Sus scrofa. Journal of Biomedical Engineering and Informatics, 2016, 3, 51.	0.2	1
169	Report from IPITA-TTS Opinion Leaders Meeting on the Future of Î²-Cell Replacement. Transplantation, 2016, 100, S1-S44.	0.5	66
170	Expression of NeuGc on Pig Corneas and Its Potential Significance in Pig Corneal Xenotransplantation. Cornea, 2016, 35, 105-113.	0.9	22
171	The pathobiology of pigâ€toâ€primate xenotransplantation: a historical review. Xenotransplantation, 2016, 23, 83-105.	1.6	117
172	First update of the International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of porcine islet products in type 1 diabetesâ€”Chapter 4: preâ€clinical efficacy and complication data required to justify a clinical trial. Xenotransplantation, 2016, 23, 46-52.	1.6	36
173	Progress in Clinical Encapsulated Islet Xenotransplantation. Transplantation, 2016, 100, 2301-2308.	0.5	83
174	Pig Liver Xenotransplantation. Transplantation, 2016, 100, 2039-2047.	0.5	44
175	Is successful orthotopic heart transplantation in the pigâ€toâ€nonâ€human primate model required before proceeding to a clinical trial?. Xenotransplantation, 2016, 23, 328-329.	1.6	4
176	Clinical Islet Xenotransplantation: A Step Forward. EBioMedicine, 2016, 12, 22-23.	2.7	13
177	Thyroid hormone: relevance to xenotransplantation. Xenotransplantation, 2016, 23, 293-299.	1.6	21
178	The role of genetically engineered pigs in xenotransplantation research. Journal of Pathology, 2016, 238, 288-299.	2.1	184
179	Human antibody recognition of xenogeneic antigens (NeuGc and Gal) on porcine heart valves: could genetically modified pig heart valves reduce structural valve deterioration?. Xenotransplantation, 2016, 23, 370-380.	1.6	34
180	Psychosocial challenges of xenotransplantation: the need for a multidisciplinary, religious, and cultural dialogue. Xenotransplantation, 2016, 23, 335-337.	1.6	16

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181	First update of the International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of porcine islet products in type 1 diabetesâ€"Chapter 2b: genetically modified source pigs. Xenotransplantation, 2016, 23, 32-37.	1.6	25
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