# David K C Cooper

List of Publications by Year
in descending order



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|---|---|---|---|
| 428 papers | 18,167 citations | 11651 70 h-index | 24258 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. | 0.8 | 5 |
| 2 | Bridging to Allotransplantationâ€"Is Pig Liver Xenotransplantation the Best Option?. Transplantation, 2022, 106, 26-36. | 1.0 | 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. | 1.3 | 30 |
| 4 | Scientific and psychosocial ethical considerations for initial clinical trials of kidney xenotransplantation. Xenotransplantation, 2022, 29, . | 2.8 | 11 |
| 5 | Profound thrombocytopenia associated with administration of multiple antiâ€inflammatory agents in baboons. Immunity, Inflammation and Disease, 2022, 10, . | 2.7 | 2 |
| 6 | Recent progress in the pigâ€toâ€nonhuman primate kidney transplantation model: Report of a symposium. Xenotransplantation, 2022, 29, e12728. | 2.8 | 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. | 1.2 | 3 |
| 8 | Invited commentary: Initial reflections on the world's first clinical geneticallyâ€engineered pig heart transplant. Xenotransplantation, 2022, 29, e12737. | 2.8 | 7 |
| 9 | The future of cardiac xenotransplantation. Nature Reviews Cardiology, 2022, 19, 281-282. | 13.7 | 10 |
| 10 | Serum Antibody Binding and Cytotoxicity to Pig Cells in Chinese Subjects: Relevance to Clinical Renal Xenotransplantation. Frontiers in Immunology, 2022, 13, 844632. | 4.8 | 4 |
| 11 | The potential of genetically engineered pig heart transplantation in infants with complex congenital heart disease. Pediatric Transplantation, 2022, 26, e14260. | 1.0 | 8 |
| 12 | Physiological aspects of pig kidney xenotransplantation and implications for management following transplant. Xenotransplantation, 2022, 29, e12743. | 2.8 | 21 |
| 13 | Current Topics of Relevance to the Xenotransplantation of Free Pig Islets. Frontiers in Immunology, 2022, 13, 854883. | 4.8 | 4 |
| 14 | The 2021 IXA Keith Reemtsma Lecture: Moving xenotransplantation to the clinic. Xenotransplantation, 2022, 29, e12723. | 2.8 | 12 |
| 15 | Informed Consent for Potential Recipients of Pig Kidney Xenotransplantation in the United States. Transplantation, 2022, 106, 1754-1762. | 1.0 | 17 |
| 16 | Pig heart and lung xenotransplantation: Present status. Journal of Heart and Lung Transplantation, 2022, 41, 1014-1022. | 0.6 | 18 |
| 17 | Expert Opinion Special Feature: Patient Selection for Initial Clinical Trials of Pig Organ Transplantation. Transplantation, 2022, 106, 1720-1723. | 1.0 | 5 |
| 18 | Clinical trials of pediatric cardiac xenotransplantation. American Journal of Transplantation, 2021, 21, 433-434. | 4.7 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. | 2.8 | 12 |
| 20 | Growth hormone receptor knockout: Relevance to xenotransplantation. Xenotransplantation, 2021, 28, e12652. | 2.8 | 25 |
| 21 | Attitudes toward xenotransplantation: A survey of parents and pediatric cardiac providers. Pediatric Transplantation, 2021, 25, e13851. | 1.0 | 30 |
| 22 | Racial differences in attitudes to clinical pig organ Xenotransplantation. Xenotransplantation, 2021, 28, e12656. | 2.8 | 19 |
| 23 | The first clinical trialâ€”Kidney or heart?. Xenotransplantation, 2021, 28, e12644. | 2.8 | 9 |
| 24 | Pig kidney xenotransplantation: Progress toward clinical trials. Clinical Transplantation, 2021, 35, e14139. | 1.6 | 37 |
| 25 | The Role of SLAs in Xenotransplantation. Transplantation, 2021, 105, 300-307. | 1.0 | 24 |
| 26 | What Therapeutic Regimen Will Be Optimal for Initial Clinical Trials of Pig Organ Transplantation?. Transplantation, 2021, 105, 1143-1155. | 1.0 | 28 |
| 27 | Anti-pig IgE and IgA Antibodies in Naive Primates and Nonhuman Primates With Pig Xenografts. Transplantation, 2021, 105, 318-327. | 1.0 | 7 |
| 28 | Deceased humans and living pigs as sources of kidneys for clinical transplantationâ€”Can they be compared?. Xenotransplantation, 2021, 28, e12670. | 2.8 | 2 |
| 29 | Potential roles of mesenchymal stromal cells in islet alloâ€•and xenotransplantation for type 1 diabetes mellitus. Xenotransplantation, 2021, 28, e12678. | 2.8 | 9 |
| 30 | A perspective on the potential detrimental role of inflammation in pig orthotopic heart xenotransplantation. Xenotransplantation, 2021, 28, e12687. | 2.8 | 11 |
| 31 | Comparison of porcine corneal decellularization methods and importance of preserving corneal limbus through decellularization. PLoS ONE, 2021, 16, e0243682. | 2.5 | 10 |
| 32 | Factors influencing attitudes toward xenotransplantation clinical trials: A report of focus group studies. Xenotransplantation, 2021, 28, e12684. | 2.8 | 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. | 2.6 | 2 |
| 34 | Immunological selection and monitoring of patients undergoing pig kidney transplantation. Xenotransplantation, 2021, 28, e12686. | 2.8 | 11 |
| 35 | Natural antiâ€•pig antibodies in infant baboons. Xenotransplantation, 2021, 28, e12692. | 2.8 | 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. | 2.8 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Evidence that sensitization to tripleâ€knockout pig cells will not be detrimental to subsequent allotransplantation. Xenotransplantation, 2021, 28, e12701. | 2.8 | 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. | 3.2 | 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. | 3.2 | 3 |
| 40 | Genetic engineering of porcine endothelial cell lines for evaluation of human-to-pig xenoreactive immune responses. Scientific Reports, 2021, 11, 13131. | 3.3 | 8 |
| 41 | Aspects of histocompatibility testing in xenotransplantation. Transplant Immunology, 2021, 67, 101409. | 1.2 | 7 |
| 42 | Suggested Patient Selection Criteria for Initial Clinical Trials of Pig Kidney Xenotransplantation in the United States. Transplantation, 2021, 105, 1904-1908. | 1.0 | 25 |
| 43 | â€œYou cannot stay in the laboratory foreverâ€•: Taking pig kidney xenotransplantation from the laboratory to the clinic. EBioMedicine, 2021, 71, 103562. | 6.1 | 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. | 1.6 | 10 |
| 45 | Addressing concerns toward xenotransplantation. Journal of Cardiac Surgery, 2021, 36, 4821. | 0.7 | 0 |
| 46 | Histopathology of pig kidney grafts with/without expression of the carbohydrate Neu5Gc in immunosuppressed baboons. Xenotransplantation, 2021, 28, . | 2.8 | 14 |
| 47 | Initial evidence that blockade of the CD40/CD154 costimulation pathway alone is sufficient as maintenance therapy in xenotransplantation. Xenotransplantation, 2021, 28, . | 2.8 | 12 |
| 48 | Genetically engineered pig kidney transplantation in a brainâ€dead human subject. Xenotransplantation, 2021, 28, e12718. | 2.8 | 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. | 4.8 | 8 |
| 50 | Anti-Pig Antibody in Infants: Can a Genetically Engineered Pig Heart Bridge to Allotransplantation?. Annals of Thoracic Surgery, 2020, 109, 1268-1273. | 1.3 | 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. | 4.7 | 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. | 2.8 | 6 |
| 54 | Heart surgery and transplantation: innovations impacting on concepts of life and death. Medical Humanities, 2020, 46, 372-383. | 1.2 | 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. | 3.3 | 11 |
| 56 | How the COVIDâ€19 pandemic may impact public support for clinical xenotransplantation in the United States?. Xenotransplantation, 2020, 27, e12623. | 2.8 | 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. | 2.7 | 5 |
| 58 | Extracellular histones and xenotransplantation. Xenotransplantation, 2020, 27, e12618. | 2.8 | 5 |
| 59 | Immunosuppressive and metabolic agents that influence alloâ€and xenograft survival by in vivo expansion of T regulatory cells. Xenotransplantation, 2020, 27, e12640. | 2.8 | 2 |
| 60 | The immune system in infants: Relevance to xenotransplantation. Pediatric Transplantation, 2020, 24, e13795. | 1.0 | 11 |
| 61 | Clinical Pig Kidney Xenotransplantation: How Close Are We?. Journal of the American Society of Nephrology: JASN, 2020, 31, 12-21. | 6.1 | 48 |
| 62 | Clinical trials of xenotransplantation: The need for a worldwide registry. Xenotransplantation, 2020, 27, e12598. | 2.8 | 3 |
| 63 | The human Tâ€cell proliferative response to tripleâ€knockout pig cells in mixed lymphocyte reaction. Xenotransplantation, 2020, 27, e12619. | 2.8 | 6 |
| 64 | What will be the cost of a geneticallyâ€engineered pig organ for clinical xenotransplantation?. Xenotransplantation, 2020, 27, e12606. | 2.8 | 4 |
| 65 | Attitudes to Clinical Pig Kidney Xenotransplantation among Medical Providers and Patients. Kidney360, 2020, 1, 657-662. | 2.1 | 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. | 3.3 | 68 |
| 67 | Recommendations to the IRB review process in preparation of xenotransplantation clinical trials. Xenotransplantation, 2020, 27, e12587. | 2.8 | 12 |
| 68 | Inguinal Subcutaneous White Adipose Tissue (ISWAT) Transplantation Model of Murine Islets. Journal of Visualized Experiments, 2020, , . | 0.3 | 1 |
| 69 | Attitudes to Cardiac Xenotransplantation by Pediatric Heart Surgeons and Physicians. World Journal for Pediatric & Congenital Heart Surgery, 2020, 11, 426-430. | 0.8 | 17 |
| 70 | The final obstacle to successful preâ€clinical xenotransplantation?. Xenotransplantation, 2020, 27, e12596. | 2.8 | 34 |
| 71 | Paediatric xenotransplantation clinical trials and the right to withdraw. Journal of Medical Ethics, 2020, 46, 311-315. | 1.8 | 19 |
| 72 | Introduction: The Present Status of Xenotransplantation Research. Methods in Molecular Biology, 2020, 2110, 1-25. | 0.9 | 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. | 0.6 | 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. | 1.6 | 22 |
| 76 | Metaâ€analysis of public perception toward xenotransplantation. Xenotransplantation, 2020, 27, e12583. | 2.8 | 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. | 0.9 | 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. | 2.7 | 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. | 6.5 | 9 |
| 87 | Incidence of Neoplasia in Pigs and Its Relevance to Clinical Organ Xenotransplantation. Comparative Medicine, 2019, 69, 86-94. | 1.0 | 8 |
| 88 | In Search of the Ideal Valve: Optimizing Genetic Modifications to Prevent Bioprosthetic Degeneration. Annals of Thoracic Surgery, 2019, 108, 624-635. | 1.3 | 18 |
| 89 | Human CTLA4-Ig therapy can give false-positive anti-pig antibody results in primates after xenotransplantation. Transplant Immunology, 2019, 57, 101243. | 1.2 | 4 |
| 90 | Selective inhibition of cyclooxygenaseâ€2 protects porcine aortic endothelial cells from human antibodyâ€mediated complementâ€dependent cytotoxicity. Xenotransplantation, 2019, 26, e12536. | 2.8 | 3 |

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| 91 | Decellularization methods for developing porcine corneal xenografts and future perspectives. Xenotransplantation, 2019, 26, e12564. | 2.8 | 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. | 2.7 | 8 |
| 93 | Downregulation of Gabarapl1 significantly attenuates antibody binding to porcine aortic endothelial cells. Xenotransplantation, 2019, 26, e12537. | 2.8 | 2 |
| 94 | Financial support for xenotransplantation research. Xenotransplantation, 2019, 26, e12483. | 2.8 | 4 |
| 95 | Evidence for the important role of inflammation in xenotransplantation. Journal of Inflammation, 2019, 16, 10. | 3.4 | 32 |
| 96 | A potential role of TLR2 in xenograft rejection of porcine iliac endothelial cells: An in vitro study. Xenotransplantation, 2019, 26, e12526. | 2.8 | 8 |
| 97 | Circulating pigâ€specific DNA as a novel biomarker for monitoring xenograft rejection. Xenotransplantation, 2019, 26, e12522. | 2.8 | 6 |
| 98 | The complex functioning of the complement system in xenotransplantation. Xenotransplantation, 2019, 26, e12517. | 2.8 | 32 |
| 99 | Justification of specific genetic modifications in pigs for clinical organ xenotransplantation. Xenotransplantation, 2019, 26, e12516. | 2.8 | 115 |
| 100 | The â€œBaby Faeâ€•baboon heart transplantâ€”Potential cause of rejection. Xenotransplantation, 2019, 26, e12511. | 2.8 | 4 |
| 101 | A review of pig liver xenotransplantation: Current problems and recent progress. Xenotransplantation, 2019, 26, e12497. | 2.8 | 27 |
| 102 | Carbohydrate antigen expression and antiâ€pig antibodies in New World capuchin monkeys: Relevance to studies of xenotransplantation. Xenotransplantation, 2019, 26, e12498. | 2.8 | 38 |
| 103 | Potential pathological role of proâ€inflammatory cytokines (ILâ€6, TNFâ€Î±, and ILâ€17) in xenotransplantation. Xenotransplantation, 2019, 26, e12502. | 2.8 | 33 |
| 104 | Cover Image, Volume 26, Issue 3. Xenotransplantation, 2019, 26, e12539. | 2.8 | 0 |
| 105 | Life-supporting Kidney Xenotransplantation From Genetically Engineered Pigs in Baboons: A Comparison of Two Immunosuppressive Regimens. Transplantation, 2019, 103, 2090-2104. | 1.0 | 74 |
| 106 | The potential role of 3D-bioprinting in xenotransplantation. Current Opinion in Organ Transplantation, 2019, 24, 547-554. | 1.6 | 8 |
| 107 | Circulating mi<scp>RNA</scp> or circulating <scp>DNA</scp>â€”Potential biomarkers for organ transplant rejection. Xenotransplantation, 2019, 26, e12444. | 2.8 | 1 |
| 108 | Will donorâ€derived neoplasia be problematic after clinical pig organ or cell xenotransplantation?. Xenotransplantation, 2019, 26, e12469. | 2.8 | 3 |

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|---|---|---|---|
| 109 | Experimental Pig Heart Xenotransplantationâ€"Recent Progress and Remaining Problems. Annals of Thoracic Surgery, 2019, 107, 989-992. | 1.3 | 6 |
| 110 | Chronic dialysis in patients with endâ€stage renal disease: Relevance to kidney xenotransplantation. Xenotransplantation, 2019, 26, e12471. | 2.8 | 22 |
| 111 | Lifeâ€supporting porcine cardiac xenotransplantation: The Munich study. Xenotransplantation, 2019, 26, e12486. | 2.8 | 2 |
| 112 | Episodes of hypovolemia/dehydration in baboons with pig kidney transplants: A new syndrome of clinical importance?. Xenotransplantation, 2019, 26, e12472. | 2.8 | 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. | 1.3 | 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. | 5.7 | 12 |
| 115 | Bringing Home The Bacon: Update on The State of Kidney Xenotransplantation. Blood Purification, 2018, 45, 254-259. | 1.8 | 12 |
| 116 | Jewish, Christian and Muslim theological perspectives about xenotransplantation. Xenotransplantation, 2018, 25, e12400. | 2.8 | 56 |
| 117 | Is sensitization to pig antigens detrimental to subsequent allotransplantation?. Xenotransplantation, 2018, 25, e12393. | 2.8 | 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. | 8.3 | 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. | 2.8 | 28 |
| 120 | Immune Responses of HLA Highly Sensitized and Nonsensitized Patients to Genetically Engineered Pig Cells. Transplantation, 2018, 102, e195-e204. | 1.0 | 24 |
| 121 | Skin xenotransplantation: Historical review and clinical potential. Burns, 2018, 44, 1738-1749. | 1.9 | 73 |
| 122 | Overcoming Coagulation Dysregulation in Pig Solid Organ Transplantation in Nonhuman Primates. Transplantation, 2018, 102, 1050-1058. | 1.0 | 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. | 0.4 | 8 |
| 124 | Cover Image, Volume 25, Issue 2. Xenotransplantation, 2018, 25, e12397. | 2.8 | 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. | 1.0 | 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. | 1.0 | 3 |

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|---|---|---|---|
| 127 | Christiaan Barnard's views on euthanasia. Baylor University Medical Center Proceedings, 2018, 31, 229-230. | 0.5 | 0 |
| 128 | Physiologic Aspects of Pig Kidney Transplantation in Nonhuman Primates. Comparative Medicine, 2018, 68, 332-340. | 1.0 | 43 |
| 129 | Serum amyloid a as an indicator of impending xenograft failure: Experimental studies. International Journal of Surgery, 2018, 60, 283-290. | 2.7 | 13 |
| 130 | Xenotransplantation research and the â€˜International Journal of Surgeryâ€™. International Journal of Surgery, 2018, 58, 57-59. | 2.7 | 0 |
| 131 | Serum amyloid A as a marker of inflammation in xenotransplantation. European Journal of Inflammation, 2018, 16, 205873921878004. | 0.5 | 5 |
| 132 | Expression and Regulation Profile of Mature MicroRNA in the Pig: Relevance to Xenotransplantation. BioMed Research International, 2018, 2018, 1-9. | 1.9 | 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. | 2.8 | 26 |
| 134 | Transplant Tolerance: Current Insights and Strategies for Long-Term Survival of Xenografts. Archivum Immunologiae Et Therapiae Experimentalis, 2018, 66, 355-364. | 2.3 | 4 |
| 135 | B cell phenotypes in baboons with pig artery patch grafts receiving conventional immunosuppressive therapy. Transplant Immunology, 2018, 51, 12-20. | 1.2 | 10 |
| 136 | An approach to induction of tolerance to pig cardiac xenografts in neonates. Xenotransplantation, 2018, 25, e12454. | 2.8 | 12 |
| 137 | Christiaan Barnardâ€”The Great Communicator?. American Journal of Cardiology, 2018, 121, 1652-1655. | 1.6 | 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. | 2.8 | 18 |
| 141 | Safe use of antiâ€<scp>CD</scp>154 monoclonal antibody in pig islet xenotransplantation in monkeys. Xenotransplantation, 2017, 24, e12283. | 2.8 | 31 |
| 142 | Klotho attenuated antibodyâ€mediated porcine endothelial cell activation and injury. Xenotransplantation, 2017, 24, e12286. | 2.8 | 2 |
| 143 | Transplantation of hepatocytes from genetically engineered pigs into baboons. Xenotransplantation, 2017, 24, e12289. | 2.8 | 11 |
| 144 | Development of retrocorneal membrane following pigâ€toâ€monkey penetrating keratoplasty. Xenotransplantation, 2017, 24, e12276. | 2.8 | 11 |

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|---|---|---|---|
| 145 | Early clinical xenotransplantation experiencesâ€"An interview with Thomas E. Starzl, MD, PhD. Xenotransplantation, 2017, 24, e12306. | 2.8 | 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. | 2.8 | 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. | 3.0 | 3 |
| 148 | The impact of serum incubation time on IgM/IgG binding to porcine aortic endothelial cells. Xenotransplantation, 2017, 24, e12312. | 2.8 | 6 |
| 149 | Immunological and physiological observations in baboons with lifeâ€supporting genetically engineered pig kidney grafts. Xenotransplantation, 2017, 24, e12293. | 2.8 | 174 |
| 150 | Therapeutic regulation of systemic inflammation in xenograft recipients. Xenotransplantation, 2017, 24, e12296. | 2.8 | 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. | 2.8 | 54 |
| 152 | Renal xenotransplantation: experimental progress and clinical prospects. Kidney International, 2017, 91, 790-796. | 5.2 | 44 |
| 153 | Xenotransplantation. Current Opinion in Organ Transplantation, 2017, 22, 513-521. | 1.6 | 82 |
| 154 | Potential Antigens Involved in Delayed Xenograft Rejection in a Ggta1/Cmah Dko Pig-to-Monkey Model. Scientific Reports, 2017, 7, 10024. | 3.3 | 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. | 5.2 | 9 |
| 156 | Regulation of Clinical Xenotransplantationâ€"Time for a Reappraisal. Transplantation, 2017, 101, 1766-1769. | 1.0 | 57 |
| 157 | Financial aspects of organ procurement from deceased donors in the USA-Relevance to xenotransplantation. Xenotransplantation, 2017, 24, e12322. | 2.8 | 8 |
| 158 | JOINT <scp>FDA</scp>â€<scp>IXA</scp> SYMPOSIUM, SEPTEMBER 20, 2017. Xenotransplantation, 2017, 24, e12365. | 2.8 | 12 |
| 159 | Low antiâ€pig antibody levels are key to the success of solid organ xenotransplantation: But is this sufficient?. Xenotransplantation, 2017, 24, e12360. | 2.8 | 6 |
| 160 | An Investigation of Extracellular Histones in Pig-To-Baboon Organ Xenotransplantation. Transplantation, 2017, 101, 2330-2339. | 1.0 | 30 |
| 161 | Pig-to-Primate Islet Xenotransplantation: Past, Present, and Future. Cell Transplantation, 2017, 26, 925-947. | 2.5 | 60 |
| 162 | Selection of Patients for Initial Clinical Trials of Solid Organ Xenotransplantation. Transplantation, 2017, 101, 1551-1558. | 1.0 | 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. | 1.4 | 45 |
| 164 | The Role of Costimulation Blockade in Solid Organ and Islet Xenotransplantation. Journal of Immunology Research, 2017, 2017, 1-11. | 2.2 | 47 |
| 165 | Anti-Neu5Gc and anti-non-Neu5Gc antibodies in healthy humans. PLoS ONE, 2017, 12, e0180768. | 2.5 | 42 |
| 166 | Thomas E. Starzl, MD, PhD, 1926â€“2017. Xenotransplantation, 2017, 24, . | 2.8 | 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. | 4.1 | 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. | 1.0 | 66 |
| 170 | Expression of NeuGc on Pig Corneas and Its Potential Significance in Pig Corneal Xenotransplantation. Cornea, 2016, 35, 105-113. | 1.7 | 22 |
| 171 | The pathobiology of pigâ€toâ€primate xenotransplantation: a historical review. Xenotransplantation, 2016, 23, 83-105. | 2.8 | 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. | 2.8 | 36 |
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