

# Takayuki Yamamoto

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,229  
citations

331259

21  
h-index

414034

32  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Justification of specific genetic modifications in pigs for clinical organ xenotransplantation. <i>Xenotransplantation</i> , 2019, 26, e12516.	1.6	115
2	De Novo Anti-HLA DSA Characteristics and Subclinical Antibody-Mediated Kidney Allograft Injury. <i>Transplantation</i> , 2016, 100, 2194-2202.	0.5	74
3	Life-supporting Kidney Xenotransplantation From Genetically Engineered Pigs in Baboons: A Comparison of Two Immunosuppressive Regimens. <i>Transplantation</i> , 2019, 103, 2090-2104.	0.5	74
4	Skin xenotransplantation: Historical review and clinical potential. <i>Burns</i> , 2018, 44, 1738-1749.	1.1	73
5	Old World Monkeys are less than ideal transplantation models for testing pig organs lacking three carbohydrate antigens (Triple-Knockout). <i>Scientific Reports</i> , 2020, 10, 9771.	1.6	68
6	Clinical Pig Kidney Xenotransplantation: How Close Are We?. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 12-21.	3.0	48
7	Neither pre-transplant rituximab nor splenectomy affects de novo HLA antibody production after renal transplantation. <i>Kidney International</i> , 2014, 85, 425-430.	2.6	40
8	Association of Dialysis Duration with Outcomes after Transplantation in a Japanese Cohort. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 497-504.	2.2	38
9	Pig kidney xenotransplantation: Progress toward clinical trials. <i>Clinical Transplantation</i> , 2021, 35, e14139.	0.8	37
10	The final obstacle to successful pre-clinical xenotransplantation?. <i>Xenotransplantation</i> , 2020, 27, e12596.	1.6	34
11	Kidney Volume Changes in Patients With Autosomal Dominant Polycystic Kidney Disease After Renal Transplantation. <i>Transplantation</i> , 2012, 93, 794-798.	0.5	32
12	Decreased glomerular filtration as the primary factor of elevated circulating suPAR levels in focal segmental glomerulosclerosis. <i>Pediatric Nephrology</i> , 2014, 29, 1553-1560.	0.9	31
13	Episodes of hypovolemia/dehydration in baboons with pig kidney transplants: A new syndrome of clinical importance?. <i>Xenotransplantation</i> , 2019, 26, e12472.	1.6	31
14	A Retrospective Study of the Impact of Intraoperative Intact Parathyroid Hormone Monitoring During Total Parathyroidectomy for Secondary Hyperparathyroidism. <i>Medicine (United States)</i> , 2015, 94, e12113.	0.4	30
15	Location Frequency of Missed Parathyroid Glands After Parathyroidectomy in Patients with Persistent or Recurrent Secondary Hyperparathyroidism. <i>World Journal of Surgery</i> , 2016, 40, 595-599.	0.8	28
16	What Therapeutic Regimen Will Be Optimal for Initial Clinical Trials of Pig Organ Transplantation?. <i>Transplantation</i> , 2021, 105, 1143-1155.	0.5	28
17	Characteristics of Persistent Hyperparathyroidism After Renal Transplantation. <i>World Journal of Surgery</i> , 2016, 40, 600-606.	0.8	26
18	Favorable results in ABO-incompatible renal transplantation without B cell-targeted therapy: Advantages and disadvantages of rituximab pretreatment. <i>Clinical Transplantation</i> , 2017, 31, e13071.	0.8	26

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19	MiR-142-5p and miR-486-5p as biomarkers for early detection of chronic antibody-mediated rejection in kidney transplantation. <i>Biomarkers</i> , 2017, 22, 45-54.	0.9	24
20	Anti-Pig Antibody in Infants: Can a Genetically Engineered Pig Heart Bridge to Allotransplantation?. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1268-1273.	0.7	23
21	Is interleukin-6 receptor blockade (tocilizumab) beneficial or detrimental to pig-to-baboon organ xenotransplantation?. <i>American Journal of Transplantation</i> , 2020, 20, 999-1013.	2.6	23
22	Evidence suggesting that deletion of expression of N-glycolylneuraminic acid (Neu5Gc) in the organ-source pig is associated with increased antibody-mediated rejection of kidney transplants in baboons. <i>Xenotransplantation</i> , 2021, 28, e12700.	1.6	23
23	Evidence for GTKO/ $\beta$ 24GalNT2KO Pigs as the Preferred Organ-source for Old World Nonhuman Primates as a Preclinical Model of Xenotransplantation. <i>Transplantation Direct</i> , 2020, 6, e590.	0.8	22
24	Tertiary Hyperparathyroidism Resistant to Cinacalcet Treatment. <i>Therapeutic Apheresis and Dialysis</i> , 2011, 15, 33-37.	0.4	21
25	Frequent development of subclinical chronic antibody-mediated rejection within 1 year after renal transplantation with pre-transplant positive donor-specific antibodies and negative CDC crossmatches. <i>Human Immunology</i> , 2013, 74, 1111-1118.	1.2	19
26	Significance of C4d deposition in antibody-mediated rejection. <i>Clinical Transplantation</i> , 2012, 26, 43-48.	0.8	18
27	Evidence that sensitization to triple-knockout pig cells will not be detrimental to subsequent allotransplantation. <i>Xenotransplantation</i> , 2021, 28, e12701.	1.6	14
28	Histopathology of pig kidney grafts with/without expression of the carbohydrate Neu5Gc in immunosuppressed baboons. <i>Xenotransplantation</i> , 2021, 28, .	1.6	14
29	Impact of Arterial Reconstruction With Recipient's Own Internal Iliac Artery for Multiple Graft Arteries on Living Donor Kidney Transplantation. <i>Medicine (United States)</i> , 2015, 94, e1811.	0.4	13
30	5-year follow-up of a randomized clinical study comparing everolimus plus reduced-dose cyclosporine with mycophenolate mofetil plus standard-dose cyclosporine in de novo kidney transplantation: Retrospective single center assessment. <i>International Immunopharmacology</i> , 2016, 39, 192-198.	1.7	13
31	Serum amyloid a as an indicator of impending xenograft failure: Experimental studies. <i>International Journal of Surgery</i> , 2018, 60, 283-290.	1.1	13
32	How to estimate kidney function in kidney transplant recipients with mild to moderate kidney impairment: comparison of estimated glomerular filtration (eGFR) values between creatinine-based GFR equations and cystatin C-based GFR equations for Japanese population. <i>Clinical and Experimental Nephrology</i> , 2014, 18, 130-134.	0.7	12
33	The problem of the 4th xenoantigen after pig organ transplantation in non-human primates may be overcome by expression of human protective proteins. <i>Xenotransplantation</i> , 2021, 28, e12658.	1.6	12
34	Effect of intravenous immunoglobulin (IVIg) on primate complement-dependent cytotoxicity of genetically engineered pig cells: relevance to clinical xenotransplantation. <i>Scientific Reports</i> , 2020, 10, 11747.	1.6	11
35	B cell phenotypes in baboons with pig artery patch grafts receiving conventional immunosuppressive therapy. <i>Transplant Immunology</i> , 2018, 51, 12-20.	0.6	10
36	Increased CD40L+PD-1+ follicular helper T cells (Tfh) as a biomarker for predicting calcineurin inhibitor sensitivity against Tfh-mediated B-cell activation/antibody production after kidney transplantation. <i>International Immunology</i> , 2018, 30, 345-355.	1.8	10

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37	Lower incidence of de novo donor-specific antibodies against HLA-DR in ABO-incompatible renal transplantation. <i>Human Immunology</i> , 2019, 80, 169-175.	1.2	10
38	Initial experimental experience of triple-knockout pig red blood cells as potential sources for transfusion in alloimmunized patients with sickle cell disease. <i>Transfusion</i> , 2021, 61, 3104-3118.	0.8	10
39	Death and kidney allograft dysfunction after bacteremia. <i>Clinical and Experimental Nephrology</i> , 2016, 20, 309-315.	0.7	9
40	Indicators of impending pig kidney and heart xenograft failure: Relevance to clinical organ xenotransplantation - Review article. <i>International Journal of Surgery</i> , 2019, 70, 84-91.	1.1	8
41	The Role of Interleukin-6 (IL-6) in the Systemic Inflammatory Response in Xenograft Recipients and in Pig Kidney Xenograft Failure. <i>Frontiers in Immunology</i> , 2021, 12, 788949.	2.2	8
42	Anti-pig IgE and IgA Antibodies in Naive Primates and Nonhuman Primates With Pig Xenografts. <i>Transplantation</i> , 2021, 105, 318-327.	0.5	7
43	Surgical Techniques and Procedures for Kidney Transplant Recipients With Severe Atherosclerosis. <i>Experimental and Clinical Transplantation</i> , 2017, 15, 594-601.	0.2	7
44	Efficacy of ATG and Rituximab in capuchin monkeys (a New World monkey) – An in vitro study relevant to xenotransplantation. <i>Xenotransplantation</i> , 2020, 27, e12627.	1.6	6
45	Cardiac and Pulmonary Histopathology in Baboons Following Genetically-Engineered Pig Orthotopic Heart Transplantation. <i>Annals of Transplantation</i> , 0, 27, .	0.5	6
46	Beneficial effects of preemptive kidney transplantation on calcium and phosphorus disorders in early post-transplant recipients. <i>Clinical and Experimental Nephrology</i> , 2015, 19, 319-324.	0.7	5
47	Impact of grafting using thin upper pole artery ligation on living-donor adult kidney transplantation. <i>Medicine (United States)</i> , 2016, 95, e5188.	0.4	5
48	Human CTLA4-Ig therapy can give false-positive anti-pig antibody results in primates after xenotransplantation. <i>Transplant Immunology</i> , 2019, 57, 101243.	0.6	4
49	Delayed Graft Duodenal Perforation after Simultaneous Pancreas-kidney Transplantation. <i>Japanese Journal of Gastroenterological Surgery</i> , 2015, 48, 929-935.	0.0	3
50	Peripheral blood immune response-related gene analysis for evaluating the potential risk of chronic antibody-mediated rejection. <i>Human Immunology</i> , 2018, 79, 432-438.	1.2	3
51	Data on B cell phenotypes in baboons with pig artery patch grafts receiving conventional immunosuppressive therapy. <i>Data in Brief</i> , 2018, 20, 1965-1974.	0.5	3
52	T and B lymphocyte dynamics after genetically-modified pig-to-baboon kidney xenotransplantation with an anti-CD40mAb-based immunosuppressive regimen. <i>Transplant Immunology</i> , 2022, 71, 101545.	0.6	3
53	Role of Multifunctional Cell Cycle Modulators in Advanced Secondary Hyperparathyroidism. <i>Therapeutic Apheresis and Dialysis</i> , 2011, 15, 26-32.	0.4	2
54	Life-supporting porcine cardiac xenotransplantation: The Munich study. <i>Xenotransplantation</i> , 2019, 26, e12486.	1.6	2

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55	Fluid intake and output in baboons. <i>Xenotransplantation</i> , 2020, 27, e12597.	1.6	0
56	A Case of Duodenal Obstruction by an Abdominal Aortic Aneurysm. <i>Japanese Journal of Gastroenterological Surgery</i> , 2007, 40, 1587-1592.	0.0	0
57	Kidney Xenotransplantation in Nonhuman Primates. , 2020, , 91-106.		0