

# Jean Kwun

## List of Publications by Year in descending order

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75  
papers

1,871  
citations

218592

26  
h-index

276775

41  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1985  
citing authors

#	ARTICLE	IF	CITATIONS
1	Costimulation Blockade Alters Germinal Center Responses and Prevents Antibody-Mediated Rejection. American Journal of Transplantation, 2014, 14, 59-69.	2.6	157
2	BAFF Is Increased in Renal Transplant Patients Following Treatment with Alemtuzumab. American Journal of Transplantation, 2009, 9, 1835-1845.	2.6	88
3	Daratumumab in Sensitized Kidney Transplantation: Potentials and Limitations of Experimental and Clinical Use. Journal of the American Society of Nephrology: JASN, 2019, 30, 1206-1219.	3.0	85
4	Noninvasive Detection of Acute and Chronic Injuries in Human Renal Transplant by Elevation of Multiple Cytokines/Chemokines in Urine. Transplantation, 2009, 87, 1814-1820.	0.5	77
5	Unique Aspects of Rejection and Tolerance in Liver Transplantation. Seminars in Liver Disease, 2009, 29, 091-101.	1.8	73
6	Early and Limited Use of Tacrolimus to Avoid Rejection in an Alemtuzumab and Sirolimus Regimen for Kidney Transplantation: Clinical Results and Immune Monitoring. American Journal of Transplantation, 2009, 9, 1087-1098.	2.6	67
7	Humoral Compensation after Bortezomib Treatment of Allosensitized Recipients. Journal of the American Society of Nephrology: JASN, 2017, 28, 1991-1996.	3.0	67
8	Dual targeting: Combining costimulation blockade and bortezomib to permit kidney transplantation in sensitized recipients. American Journal of Transplantation, 2019, 19, 724-736.	2.6	61
9	Developmental Exposure to Noninherited Maternal Antigens Induces CD4+T Regulatory Cells: Relevance to Mechanism of Heart Allograft Tolerance. Journal of Immunology, 2007, 179, 6749-6761.	0.4	59
10	Neutralizing BAFF/APRIL With Atacicept Prevents Early DSA Formation and AMR Development in T Cell Depletion Induced Nonhuman Primate AMR Model. American Journal of Transplantation, 2015, 15, 815-822.	2.6	56
11	Premature T Cell Senescence in Pediatric CKD. Journal of the American Society of Nephrology: JASN, 2017, 28, 359-367.	3.0	53
12	Nucleic acid scavenging microfiber mesh inhibits trauma-induced inflammation and thrombosis. Biomaterials, 2017, 120, 94-102.	5.7	52
13	Crosstalk Between T and B Cells in the Germinal Center After Transplantation. Transplantation, 2017, 101, 704-712.	0.5	51
14	Pretransplant Desensitization with Costimulation Blockade and Proteasome Inhibitor Reduces DSA and Delays Antibody-Mediated Rejection in Highly Sensitized Nonhuman Primate Kidney Transplant Recipients. Journal of the American Society of Nephrology: JASN, 2019, 30, 2399-2411.	3.0	51
15	Immunothrombotic Activity of Damage-Associated Molecular Patterns and Extracellular Vesicles in Secondary Organ Failure Induced by Trauma and Sterile Insults. Frontiers in Immunology, 2018, 9, 190.	2.2	47
16	Damage- and pathogen-associated molecular patterns play differential roles in late mortality after critical illness. JCI Insight, 2019, 4, .	2.3	41
17	Successful desensitization with proteasome inhibition and costimulation blockade in sensitized nonhuman primates. Blood Advances, 2017, 1, 2115-2119.	2.5	39
18	Overcoming Chronic Rejection—Can it B?. Transplantation, 2009, 88, 955-961.	0.5	37

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19	Antibody-Mediated Rejection in Sensitized Nonhuman Primates: Modeling Human Biology. <i>American Journal of Transplantation</i> , 2016, 16, 1726-1738.	2.6	37
20	The past, present, and future of costimulation blockade in organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2019, 24, 391-401.	0.8	36
21	B cells in transplant tolerance and rejection: friends or foes?. <i>Transplant International</i> , 2020, 33, 30-40.	0.8	36
22	The role of B cells in solid organ transplantation. <i>Seminars in Immunology</i> , 2012, 24, 96-108.	2.7	35
23	Unaltered Graft Survival and Intragraft Lymphocytes Infiltration in the Cardiac Allograft of Cxcr3 <sup>hi</sup> /hi <sup>hi</sup> Mouse Recipients. <i>American Journal of Transplantation</i> , 2008, 8, 1593-1603.	2.6	34
24	Plastic-based acoustofluidic devices for high-throughput, biocompatible platelet separation. <i>Lab on A Chip</i> , 2019, 19, 394-402.	3.1	34
25	Damage-Associated Molecular Patterns Induce Inflammatory Injury During Machine Preservation of the Liver: Potential Targets to Enhance a Promising Technology. <i>Liver Transplantation</i> , 2019, 25, 610-626.	1.3	34
26	Surveillance of Acute Rejection in Baboon Renal Transplantation by Elevation of Interferon- $\gamma$ Inducible Protein-10 and Monokine Induced by Interferon- $\gamma$ in Urine. <i>Transplantation</i> , 2004, 78, 1002-1007.	0.5	33
27	Single cell transcriptomics of mouse kidney transplants reveals a myeloid cell pathway for transplant rejection. <i>JCI Insight</i> , 2020, 5, .	2.3	30
28	Patterns of De Novo Allo B Cells and Antibody Formation in Chronic Cardiac Allograft Rejection After Alemtuzumab Treatment. <i>American Journal of Transplantation</i> , 2012, 12, 2641-2651.	2.6	29
29	C3 complement inhibition prevents antibody-mediated rejection and prolongs renal allograft survival in sensitized non-human primates. <i>Nature Communications</i> , 2021, 12, 5456.	5.8	29
30	Preoperative carfilzomib and lulizumab based desensitization prolongs graft survival in a sensitized non-human primate model. <i>Kidney International</i> , 2021, 99, 161-172.	2.6	27
31	Enhanced De Novo Alloantibody and Antibody-Mediated Injury in Rhesus Macaques. <i>American Journal of Transplantation</i> , 2012, 12, 2395-2405.	2.6	24
32	Lymphodepletional Strategies in Transplantation. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013, 3, a015511-a015511.	2.9	24
33	Contemporary Strategies and Barriers to Transplantation Tolerance. <i>Transplantation</i> , 2018, 102, 1213-1222.	0.5	23
34	Altered Distribution of H60 Minor H Antigen-Specific CD8 T Cells and Attenuated Chronic Vasculopathy in Minor Histocompatibility Antigen Mismatched Heart Transplantation in Cxcr3 <sup>hi</sup> /hi <sup>hi</sup> Mouse Recipients. <i>Journal of Immunology</i> , 2007, 179, 8016-8025.	0.4	18
35	Rapamycin Interferes With Postdepletion Regulatory T Cell Homeostasis and Enhances DSA Formation Corrected by CTLA4-Ig. <i>American Journal of Transplantation</i> , 2016, 16, 2612-2623.	2.6	18
36	Primary Vascularization of the Graft Determines the Immunodominance of Murine Minor H Antigens during Organ Transplantation. <i>Journal of Immunology</i> , 2011, 187, 3997-4006.	0.4	17

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37	Determination of the Functional Status of Alloreactive T Cells by Interferon- $\gamma$ Kinetics. <i>Transplantation</i> , 2006, 81, 590-598.	0.5	16
38	Emerging New Approaches in Desensitization: Targeted Therapies for HLA Sensitization. <i>Frontiers in Immunology</i> , 2021, 12, 694763.	2.2	16
39	Thrombalexin: Use of a Cytotoxic Anticoagulant to Reduce Thrombotic Microangiopathy in a Highly Sensitized Model of Kidney Transplantation. <i>American Journal of Transplantation</i> , 2017, 17, 2055-2064.	2.6	14
40	Impact of Leukocyte Function-Associated Antigen-1 Blockade on Endogenous Allospecific T Cells to Multiple Minor Histocompatibility Antigen Mismatched Cardiac Allograft. <i>Transplantation</i> , 2015, 99, 2485-2493.	0.5	13
41	Innate networking: Thrombotic microangiopathy, the activation of coagulation and complement in the sensitized kidney transplant recipient. <i>Transplantation Reviews</i> , 2018, 32, 119-126.	1.2	12
42	Experimental modeling of desensitization: What have we learned about preventing AMR?. <i>American Journal of Transplantation</i> , 2020, 20, 2-11.	2.6	12
43	Interleukin-15 Receptor Blockade in Non-Human Primate Kidney Transplantation. <i>Transplantation</i> , 2010, 89, 937-944.	0.5	11
44	Transplant research in nonhuman primates to evaluate clinically relevant immune strategies in organ transplantation. <i>Transplantation Reviews</i> , 2019, 33, 115-129.	1.2	10
45	Th17 cell inhibition in a costimulation blockade-based regimen for vascularized composite allotransplantation using a nonhuman primate model. <i>Transplant International</i> , 2020, 33, 1294-1301.	0.8	10
46	Donor apoptotic cell-based therapy for effective inhibition of donor-specific memory T and B cells to promote long-term allograft survival in allosensitized recipients. <i>American Journal of Transplantation</i> , 2020, 20, 2728-2739.	2.6	9
47	IL-21 Biased Alemtuzumab Induced Chronic Antibody-Mediated Rejection Is Reversed by LFA-1 Costimulation Blockade. <i>Frontiers in Immunology</i> , 2018, 9, 2323.	2.2	7
48	Measuring the Impact of Targeting FcRn-Mediated IgG Recycling on Donor-Specific Alloantibodies in a Sensitized NHP Model. <i>Frontiers in Immunology</i> , 2021, 12, 660900.	2.2	7
49	A cell-based multiplex immunoassay platform using fluorescent protein-barcode reporter cell lines. <i>Communications Biology</i> , 2021, 4, 1338.	2.0	6
50	Optimal Immunosuppression Strategy in the Sensitized Kidney Transplant Recipient. <i>Journal of Clinical Medicine</i> , 2021, 10, 3656.	1.0	5
51	Prevention trumps treatment of antibody-mediated transplant rejection. <i>Journal of Clinical Investigation</i> , 2010, 120, 1036-1039.	3.9	5
52	Introducing thymus for promoting transplantation tolerance. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 549-556.	1.5	5
53	Harnessing the B Cell Response in Kidney Transplantation – Current State and Future Directions. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
54	Commentary: Belatacept Does Not Inhibit Follicular T Cell-Dependent B-Cell Differentiation in Kidney Transplantation. <i>Frontiers in Immunology</i> , 2017, 8, 1615.	2.2	4

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55	Sirtuin-1 expression and activity is diminished in aged liver grafts. <i>Scientific Reports</i> , 2020, 10, 11860.	1.6	4
56	Allo-Specific Humoral Responses: New Methods for Screening Donor-Specific Antibody and Characterization of HLA-Specific Memory B Cells. <i>Frontiers in Immunology</i> , 2021, 12, 705140.	2.2	4
57	Optical coherence tomography of small intestine allograft biopsies using a handheld surgical probe. <i>Journal of Biomedical Optics</i> , 2021, 26, .	1.4	4
58	Cultured thymus tissue implementation promotes donor-specific tolerance to allogeneic heart transplants. <i>JCI Insight</i> , 2020, 5, .	2.3	4
59	Pharmacological approaches to antibody-mediated rejection“Are we getting closer?. <i>American Journal of Transplantation</i> , 2020, 20, 2637-2638.	2.6	2
60	SURVEILLANCE OF ACUTE REJECTION IN BABOON RENAL TRANSPLANTATION BY ELEVATION OF IP-10 AND MIG IN URINE. <i>Transplantation</i> , 2004, 78, 613-614.	0.5	1
61	CARFILZOMIB AND LULIZUMAB-BASED DESENSITIZATION PROLONGS ALLOGRAFT SURVIVAL IN SENSITIZED NON-HUMAN PRIMATES KIDNEY TRANSPLANTATION MODEL. <i>Transplantation</i> , 2020, 104, S46-S46.	0.5	1
62	Novel Implementations of Optical Coherence Tomography for Clinical Applications in the Lower Gastrointestinal Tract. , 2020, , .		1
63	Editorial: Sensitization and Desensitization in Organ Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 784472.	2.2	1
64	Parallels between antibody-mediated rejection and ischemic kidney injury with respect to B cell activation. <i>Annals of Translational Medicine</i> , 2019, 7, S151-S151.	0.7	1
65	Antibody-Mediated Graft Rejection in Nonhuman Primate Models: Comparison of Sensitized Allotransplant and Xenotransplant Rejection. , 2020, , 157-164.		1
66	Letter to the editor in response to: Measuring success in pig to non-human-primate renal xenotransplantation: Systematic review and comparative outcomes analysis of 1051 life sustaining NHP renal allo- and xeno-transplants by Firl and Markmann. <i>American Journal of Transplantation</i> , 2022, 22, 1933-1934.	2.6	1
67	First Experiences With Kidney Transplantation in a Model of Sensitized Rhesus Macaques.. <i>Transplantation</i> , 2014, 98, 388.	0.5	0
68	The Effect of CCR5 Blockade On De Novo DSA and Long-Term Graft Survival in Non-Human Primate AMR Model.. <i>Transplantation</i> , 2014, 98, 26.	0.5	0
69	Successful Desensitization With Combination of Costimulation Blockade and Bortezomib Via Regulating Plasma Cells and Follicular Helper T Cells in Sensitized Rhesus Model.. <i>Transplantation</i> , 2014, 98, 378.	0.5	0
70	Developing a Nonhuman Primate Model of Sensitization.. <i>Transplantation</i> , 2014, 98, 387-388.	0.5	0
71	The Role of Splenic CD4+CD25+ T reg Cells On Alloreactive B Cell Formation and DSA Production in a Murine CAMR Model.. <i>Transplantation</i> , 2014, 98, 385.	0.5	0
72	The Effect of Neutralizing BAFF With Atacicept in a T Cell Depletion-Induced Nonhuman Primate AMR Model.. <i>Transplantation</i> , 2014, 98, 380-381.	0.5	0

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73	BLOCKING COMPLEMENT C3 IN A SENSITIZED NONHUMAN PRIMATE MODEL OF KIDNEY TRANSPLANTATION. Transplantation, 2020, 104, S121-S121.	0.5	0
74	Targeting Calcium Release-activated Calcium Channel Is Not Sufficient to Prevent Rejection in Nonhuman Primate Kidney Transplantation. Transplantation, 2020, 104, 970-980.	0.5	0
75	Known Postfix Based Cell Search Technique for OFDM Cellular Systems. IEICE Transactions on Communications, 2006, E89-B, 1405-1412.	0.4	0