Leonardo V Riella

List of Publications by Year in descending order

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Version: 2024-02-01

140 papers 4,999 citations

94433 37 h-index 63 g-index

150 all docs

150 docs citations

150 times ranked

7718 citing authors

#	Article	IF	CITATIONS
1	T-cell Exhaustion in Organ Transplantation. Transplantation, 2022, 106, 489-499.	1.0	14
2	Discovery of Autoantibodies Targeting Nephrin in Minimal Change Disease Supports a Novel Autoimmune Etiology. Journal of the American Society of Nephrology: JASN, 2022, 33, 238-252.	6.1	112
3	Kidney Immunology: embracing the complexity to advance the field. CKJ: Clinical Kidney Journal, 2022, 15, 366-367.	2.9	O
4	Mortality in solid organ transplant recipients with COVID-19: More than meets the eye. American Journal of Transplantation, 2022, 22, 1496-1497.	4.7	8
5	Non-Invasive Monitoring for Rejection in Kidney Transplant Recipients After SARS-CoV-2 mRNA Vaccination. Frontiers in Immunology, 2022, 13, 838985.	4.8	16
6	Long-term Apheresis in the Management of Patients With Recurrent Focal Segmental Glomerulosclerosis After Kidney Transplantation. Kidney International Reports, 2022, 7, 1424-1427.	0.8	4
7	T cell depletion increases humoral response by favoring T follicular helper cells expansion. American Journal of Transplantation, 2022, 22, 1766-1778.	4.7	7
8	T cell-attracting CCL18 chemokine is a dominant rejection signal during limb transplantation. Cell Reports Medicine, 2022, 3, 100559.	6.5	7
9	Kidney xenotransplantation in a brainâ€dead donor: Glass halfâ€full or halfâ€empty?. American Journal of Transplantation, 2022, , .	4.7	6
10	Suboptimal antibody response against SARS-CoV-2 Omicron variant after third dose of mRNA vaccine in kidney transplant recipients. Kidney International, 2022, 101, 1282-1286.	5.2	40
11	PD-L1 signaling selectively regulates T cell lymphatic transendothelial migration. Nature Communications, 2022, 13, 2176.	12.8	18
12	Tixagevimab/cilgavimab pre-exposure prophylaxis is associated with lower breakthrough infection risk in vaccinated solid organ transplant recipients during the omicron wave. American Journal of Transplantation, 2022, 22, 3130-3136.	4.7	85
13	Kidney organoids: a pioneering model for kidney diseases. Translational Research, 2022, 250, 1-17.	5.0	12
14	Expert Opinion Special Feature: Patient Selection for Initial Clinical Trials of Pig Organ Transplantation. Transplantation, 2022, 106, 1720-1723.	1.0	5
15	Circulating B Cells, Plasma Cells, and Treg Associate with ANCA Levels in ANCA-associated Vasculitis. Kidney International Reports, 2021, 6, 496-500.	0.8	1
16	Acute kidney injury in renal transplant recipients undergoing cardiac surgery. Nephrology Dialysis Transplantation, 2021, 36, 185-196.	0.7	7
17	Face Transplantation in a Black Patient — Racial Considerations and Early Outcomes. New England Journal of Medicine, 2021, 384, 1075-1076.	27.0	19
18	Reduced mortality in COVID-19 patients treated with colchicine: Results from a retrospective, observational study. PLoS ONE, 2021, 16, e0248276.	2.5	29

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19	Mineral Bone Disorders in Kidney Transplantation. Seminars in Nephrology, 2021, 41, 168-179.	1.6	O
20	Nomenclature in nephrology: preserving †renal†and †nephro' in the glossary of kidney health and disease. Journal of Nephrology, 2021, 34, 639-648.	2.0	11
21	Discovery and Validation of a Urinary Exosome mRNA Signature for the Diagnosis of Human Kidney Transplant Rejection. Journal of the American Society of Nephrology: JASN, 2021, 32, 994-1004.	6.1	44
22	Kidney recipients with allograft failure, transition of kidney care (KRAFT): A survey of contemporary practices of transplant providers. American Journal of Transplantation, 2021, 21, 3034-3042.	4.7	23
23	Immunoregulatory and lipid presentation pathways are upregulated in human face transplant rejection. Journal of Clinical Investigation, 2021, 131, .	8.2	11
24	Immunological Impact of a Gluten-Free Dairy-Free Diet in Children With Kidney Disease: A Feasibility Study. Frontiers in Immunology, 2021, 12, 624821.	4.8	11
25	A Narrative Review of Dietary Approaches for Kidney Transplant Patients. Kidney International Reports, 2021, 6, 1764-1774.	0.8	11
26	Gene Expression Profiling in Kidney Transplants with Immune Checkpoint Inhibitor–Associated Adverse Events. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1376-1386.	4.5	18
27	The failing kidney allograft: A review and recommendations for the care and management of a complex group of patients. American Journal of Transplantation, 2021, 21, 2937-2949.	4.7	24
28	A multi-center study on safety and efficacy of immune checkpoint inhibitors in cancer patients with kidney transplant. Kidney International, 2021, 100, 196-205.	5.2	95
29	Posttransplant Lymphoproliferative Disorder Following Kidney Transplantation: A Review. American Journal of Kidney Diseases, 2021, 78, 272-281.	1.9	29
30	Recurrence of IgA Nephropathy after Kidney Transplantation in Adults. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1247-1255.	4.5	35
31	CyTOF-Enabled Analysis Identifies Class-Switched B Cells as the Main Lymphocyte Subset Associated With Disease Relapse in Children With Idiopathic Nephrotic Syndrome. Frontiers in Immunology, 2021, 12, 726428.	4.8	16
32	Preventing Coronavirus Disease 2019 in Kidney Transplant Recipients: Where Should We Begin?. Nephron, 2021, 145, 280-284.	1.8	2
33	Opioids and Kidney Transplantation. Seminars in Nephrology, 2021, 41, 42-53.	1.6	3
34	Recurrent Glomerular Disease after Kidney Transplantation. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1730-1742.	4.5	29
35	Overexpression of PD-1 on T cells promotes tolerance in cardiac transplantation via ICOS-dependent mechanisms. JCI Insight, 2021, 6, .	5.0	11
36	A Comprehensive Phenotypic and Functional Immune Analysis Unravels Circulating Anti–Phospholipase A2 Receptor Antibody Secreting Cells in Membranous Nephropathy Patients. Kidney International Reports, 2020, 5, 1764-1776.	0.8	26

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37	Regulatory T cells engineered with TCR signaling–responsive IL-2 nanogels suppress alloimmunity in sites of antigen encounter. Science Translational Medicine, 2020, 12, .	12.4	39
38	The COVIDâ€19 pandemic: A community approach. Clinical Transplantation, 2020, 34, e14059.	1.6	10
39	COVID-19 and the Kidneys: An Update. Frontiers in Medicine, 2020, 7, 423.	2.6	7 9
40	COVID-19 in Children with Nephrotic Syndrome on Anti-CD20 Chronic Immunosuppression. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1494-1495.	4.5	30
41	Evidence of potent humoral immune activity in COVID-19-infected kidney transplant recipients. American Journal of Transplantation, 2020, 20, 3149-3161.	4.7	54
42	Early persistent hyperparathyroidism postâ€renal transplantation as a predictor of worse graft function and mortality after transplantation. Clinical Transplantation, 2020, 34, e14085.	1.6	11
43	Donor myeloid derived suppressor cells (MDSCs) prolong allogeneic cardiac graft survival through programming of recipient myeloid cells in vivo. Scientific Reports, 2020, 10, 14249.	3.3	4
44	Risk of COVIDâ€19 in young kidney transplant recipients. Results from a singleâ€center observational study. Clinical Transplantation, 2020, 34, e13889.	1.6	9
45	COVID-19 in kidney transplant recipients. American Journal of Transplantation, 2020, 20, 1941-1943.	4.7	184
46	Impact of corticosteroids on allograft protection in renal transplant patients receiving anti-PD-1 immunotherapy. Cancer Immunology, Immunotherapy, 2020, 69, 1937-1941.	4.2	17
47	Immune Checkpoint Inhibitor Nephrotoxicity: Update 2020. Kidney360, 2020, 1, 130-140.	2.1	62
48	Obesity/Metabolic Syndrome and Diabetes Mellitus on Peri-implantitis. Trends in Endocrinology and Metabolism, 2020, 31, 596-610.	7.1	50
49	COVID-19 and kidney transplantation: Results from the TANGO International Transplant Consortium. American Journal of Transplantation, 2020, 20, 3140-3148.	4.7	305
50	Accelerated chronic skin changes without allograft vasculopathy: A 10-year outcome report after face transplantation. Surgery, 2020, 167, 991-998.	1.9	23
51	Response by Murakami and Riella to Letter Regarding Article, "Notch-1 Inhibition Promoted Immune Regulation in Transplantation Via Regulatory T Cell-Dependent Mechanisms― Circulation, 2020, 141, e37-e38.	1.6	0
52	A CRISPR-based assay for the detection of opportunistic infections post-transplantation and for the monitoring of transplant rejection. Nature Biomedical Engineering, 2020, 4, 601-609.	22.5	80
53	SARSâ€CoVâ€2 pandemic and the need for transplantâ€oriented trials. Transplant International, 2020, 33, 966-968.	1.6	4
54	Recurrence of FSGS after Kidney Transplantation in Adults. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 247-256.	4.5	94

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55	TREG USE THE PD-1-PD-L1 AXIS FOR LYMPHATIC TRANSENDOTHELIAL MIGRATION. Transplantation, 2020, 104, S70-S70.	1.0	0
56	Noncirrhotic hyperammonemia after deceased donor kidney transplantation: A case report. American Journal of Transplantation, 2019, 19, 3197-3201.	4.7	13
57	Notch-1 Inhibition Promotes Immune Regulation in Transplantation Via Regulatory T Cell–Dependent Mechanisms. Circulation, 2019, 140, 846-863.	1.6	25
58	SP710RESISTANCE OF T FOLLICULAR HELPER CELLS TO MOUSE ANTI-THYMOCYTE GLOBULIN. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0
59	Five-Year Follow-up after Face Transplantation. New England Journal of Medicine, 2019, 380, 2579-2581.	27.0	46
60	APOL1-Associated Kidney Disease in Brazil. Kidney International Reports, 2019, 4, 923-929.	0.8	24
61	The Evolving Clinical Presentation of Acute Rejection in Facial Transplantation. JAMA Facial Plastic Surgery, 2019, 21, 278-285.	2.1	18
62	Outstanding questions in transplantation: B cells, alloantibodies, and humoral rejection. American Journal of Transplantation, 2019, 19, 2155-2163.	4.7	39
63	MMP3 Is a Non-invasive Biomarker of Rejection in Skin-Bearing Vascularized Composite Allotransplantation: A Multicenter Validation Study. Frontiers in Immunology, 2019, 10, 2771.	4.8	20
64	Blood proteome profiling using aptamer-based technology for rejection biomarker discovery in transplantation. Scientific Data, 2019, 6, 314.	5.3	10
65	Preformed Donor-specific Antibodies Against HLA Class II and Graft Outcomes in Deceased-donor Kidney Transplantation. Transplantation Direct, 2019, 5, e446.	1.6	5
66	Membranous Nephropathy Posttransplantation: An Update of the Pathophysiology and Management. Transplantation, 2019, 103, 1990-2002.	1.0	29
67	Novel immunological and clinical insights in vascularized composite allotransplantation. Current Opinion in Organ Transplantation, 2019, 24, 42-48.	1.6	24
68	Chronic rejection of human face allografts. American Journal of Transplantation, 2019, 19, 1168-1177.	4.7	48
69	Conversion from tacrolimus to belatacept improves renal function in kidney transplant patients with chronic vascular lesions in allograft biopsy. CKJ: Clinical Kidney Journal, 2019, 12, 586-591.	2.9	7
70	Not transplanting kidney donors with acute kidney injury: a missed opportunity?. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2019, 41, 448-450.	0.9	1
71	Effect of Combined Gluten-Free, Dairy-Free Diet in Children With Steroid-Resistant Nephrotic Syndrome: An Open Pilot Trial. Kidney International Reports, 2018, 3, 851-860.	0.8	10
72	Eponychial lesions following bilateral upper extremity vascular composite allotransplantation: a case report. Case Reports in Plastic Surgery & Hand Surgery, 2018, 5, 14-17.	0.3	2

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73	Novel Role of Calcineurin Inhibitors in Curbing T Cells' Sweet Tooth. American Journal of Transplantation, 2018, 18, 3-3.	4.7	6
74	Risk factors associated with post–kidney transplant malignancies: an article from the Cancer-Kidney International Network. CKJ: Clinical Kidney Journal, 2018, 11, 315-329.	2.9	97
75	The outstanding questions in transplantation: It's about time…. American Journal of Transplantation, 2018, 18, 271-272.	4.7	3
76	Increased levels of circulating MMP3 correlate with severe rejection in face transplantation. Scientific Reports, 2018, 8, 14915.	3.3	21
77	A large, international study on post-transplant glomerular diseases: the TANGO project. BMC Nephrology, 2018, 19, 229.	1.8	21
78	March1-dependent modulation of donor MHC II on CD103+ dendritic cells mitigates alloimmunity. Nature Communications, 2018, 9, 3482.	12.8	22
79	Kidney Dysfunction After Vascularized Composite Allotransplantation. Transplantation Direct, 2018, 4, e362.	1.6	18
80	Understanding the causes of mortality post-transplantation - there is more than meets the eye. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2018, 40, 102-104.	0.9	8
81	Renal complications of immune checkpoint blockade. Current Problems in Cancer, 2017, 41, 100-110.	2.0	81
82	A Decision-Making Algorithm for Initiation and Discontinuation of RRT in Severe AKI. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 228-236.	4.5	52
83	Integrated Kidney Exosome Analysis for the Detection of Kidney Transplant Rejection. ACS Nano, 2017, 11, 11041-11046.	14.6	106
84	Chronic Allograft Injury: An Overview of Pathogenesis and Treatment Strategies. Contributions To Nephrology, 2017, 190, 168-180.	1.1	4
85	Acellular Hypothermic Extracorporeal Perfusion Extends Allowable Ischemia Time in a Porcine Whole Limb Replantation Model. Plastic and Reconstructive Surgery, 2017, 139, 922e-932e.	1.4	48
86	Chronic allograft injury: Mechanisms and potential treatment targets. Transplantation Reviews, 2017, 31, 1-9.	2.9	23
87	Treg-Centric View of Immunosuppressive Drugs in Transplantation: A Balancing Act. American Journal of Transplantation, 2017, 17, 601-610.	4.7	33
88	Immune Checkpoint Inhibitors in the Cancer Patient with An Organ Transplant. Journal of Onco-Nephrology, 2017, 1, 42-48.	0.6	21
89	Human regulatory T cells undergo self-inflicted damage via granzyme pathways upon activation. JCI Insight, 2017, 2, .	5.0	31
90	Longitudinal immunological characterization of the first presensitized recipient of a face transplant. JCI Insight, 2017, 2, .	5.0	18

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91	Impact of environmental factors on alloimmunity and transplant fate. Journal of Clinical Investigation, 2017, 127, 2482-2491.	8.2	7
92	Belatacept in kidney transplantation - past and future perspectives. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2017, 39, 205-212.	0.9	5
93	Notch and its ligands in alloimmunity and rejection. Current Opinion in Organ Transplantation, 2016, 21, 15-21.	1.6	3
94	Digital Learning in Transplantation. Transplantation, 2016, 100, 701-702.	1.0	1
95	Inflammation Causes Resistance to Anti-CD20–Mediated B Cell Depletion. American Journal of Transplantation, 2016, 16, 3139-3149.	4.7	16
96	Codominant Role of Interferonâ€Î³â€" and Interleukinâ€17–Producing T Cells During Rejection in Full Facial Transplant Recipients. American Journal of Transplantation, 2016, 16, 2158-2171.	4.7	31
97	Brief treatment with a highly selective immunoproteasome inhibitor promotes long-term cardiac allograft acceptance in mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E8425-E8432.	7.1	54
98	Coronary artery calcium density for the prediction of mortality in CKD patients: One size does not fit all. Atherosclerosis, 2016, 250, 180-182.	0.8	1
99	CD4+ CD28-Negative Cells: Armed and Dangerous. American Journal of Transplantation, 2016, 16, 1045-1046.	4.7	4
100	Immunological Characteristics of a Patient With Belatacept-Resistant Acute Rejection After Face Transplantation. American Journal of Transplantation, 2016, 16, 3305-3307.	4.7	20
101	Notch Signaling and Immune Regulation in Alloimmunity. Current Transplantation Reports, 2016, 3, 294-302.	2.0	2
102	Current status of alloimmunity. Current Opinion in Nephrology and Hypertension, 2016, 25, 556-562.	2.0	3
103	Severe acute interstitial nephritis after combination immune-checkpoint inhibitor therapy for metastatic melanoma. CKJ: Clinical Kidney Journal, 2016, 9, 411-417.	2.9	98
104	Targeting the Notch Pathway to Prevent Rejection. American Journal of Transplantation, 2016, 16, 3079-3085.	4.7	11
105	Efficacy and Safety of Direct Acting Antivirals in Kidney Transplant Recipients with Chronic Hepatitis C Virus Infection. PLoS ONE, 2016, 11, e0158431.	2.5	79
106	Recombinant <scp>PTH</scp> therapy for severe hypoparathyroidism after kidney transplantation in preâ€transplant parathyroidectomized patients: review of the literature and a case report. Clinical Transplantation, 2015, 29, 951-957.	1.6	10
107	Incremental prognostic value of kidney function decline over coronary artery disease for cardiovascular event prediction after coronary computed tomography. Kidney International, 2015, 88, 152-159.	5.2	18
108	Testing for High-Risk APOL1 Alleles in Potential Living Kidney Donors. American Journal of Kidney Diseases, 2015, 66, 396-401.	1.9	43

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109	Salt Accelerates Allograft Rejection through Serum- and Glucocorticoid-Regulated Kinase-1–Dependent Inhibition of Regulatory T Cells. Journal of the American Society of Nephrology: JASN, 2015, 26, 2341-2347.	6.1	43
110	Immunophenotyping and Efficacy of Low Dose ATG in Non-Sensitized Kidney Recipients Undergoing Early Steroid Withdrawal: A Randomized Pilot Study. PLoS ONE, 2014, 9, e104408.	2.5	35
111	Counseling Potential Donors to the Risk of ESRD After Kidney Donation: Glass Half-Full or Half-Empty?. American Journal of Transplantation, 2014, 14, 2434-2435.	4.7	3
112	Risk of Metabolic Complications in Kidney Transplantation After Conversion to mTOR Inhibitor: A Systematic Review and Meta-Analysis. American Journal of Transplantation, 2014, 14, 2317-2327.	4.7	91
113	Co-Inhibitory Pathways and Their Importance in Immune Regulation. Transplantation, 2014, 98, 3-14.	1.0	70
114	Long-Term Outcomes of Kidney Transplantation Across a Positive Complement-Dependent Cytotoxicity Crossmatch. Transplantation, 2014, 97, 1247-1252.	1.0	44
115	Acute rejection in vascularized composite allotransplantation. Current Opinion in Organ Transplantation, 2014, 19, 531-544.	1.6	84
116	B7h (ICOS-L) Maintains Tolerance at the Fetomaternal Interface. American Journal of Pathology, 2013, 182, 2204-2213.	3.8	30
117	LITERATURE Watch:Implications for transplantation. American Journal of Transplantation, 2013, 13, 3-3.	4.7	4
118	Serine Protease Inhibitor 6 Plays a Critical Role in Protecting Murine Granzyme B–Producing Regulatory T Cells. Journal of Immunology, 2013, 191, 2319-2327.	0.8	26
119	Beyond calcineurin inhibitors. Current Opinion in Nephrology and Hypertension, 2013, 22, 689-697.	2.0	14
120	T-cell co-stimulatory blockade in transplantation: two steps forward one step back!. Expert Opinion on Biological Therapy, 2013, 13, 1557-1568.	3.1	23
121	Jagged2â€signaling promotes <scp>IL</scp> â€6â€dependent transplant rejection. European Journal of Immunology, 2013, 43, 1449-1458.	2.9	23
122	Derivation and Validation of a Cytokine-Based Assay to Screen for Acute Rejection in Renal Transplant Recipients. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 1018-1025.	4.5	32
123	Stem Cell Therapy in Kidney Transplantation. JAMA - Journal of the American Medical Association, 2012, 308, 130.	7.4	10
124	Role of the PD-1 Pathway in the Immune Response. American Journal of Transplantation, 2012, 12, 2575-2587.	4.7	348
125	Immunohistochemical markers of tissue injury in biopsies with transplant glomerulitis. Human Pathology, 2012, 43, 69-80.	2.0	11
126	Deleterious Effect of CTLA4-Ig on a Treg-Dependent Transplant Model. American Journal of Transplantation, 2012, 12, 846-855.	4.7	123

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127	Dyslipidemia and Its Therapeutic Challenges in Renal Transplantation. American Journal of Transplantation, 2012, 12, 1975-1982.	4.7	67
128	The Link between the PDL1 Costimulatory Pathway and Th17 in Fetomaternal Tolerance. Journal of Immunology, 2011, 187, 4530-4541.	0.8	145
129	Essential Role of PDL1 Expression on Nonhematopoietic Donor Cells in Acquired Tolerance to Vascularized Cardiac Allografts. American Journal of Transplantation, 2011, 11, 832-840.	4.7	57
130	Hypophosphatemia in Kidney Transplant Recipients: Report of Acute Phosphate Nephropathy as a Complication of Therapy. American Journal of Kidney Diseases, 2011, 57, 641-645.	1.9	17
131	The Programmed Death-1 Ligand 1:B7-1 Pathway Restrains Diabetogenic Effector T Cells In Vivo. Journal of Immunology, 2011, 187, 1097-1105.	0.8	159
132	Blockade of Notch Ligand Delta1 Promotes Allograft Survival by Inhibiting Alloreactive Th1 Cells and Cytotoxic T Cell Generation. Journal of Immunology, 2011, 187, 4629-4638.	0.8	38
133	Notch Ligand Delta-Like 4 Blockade Alleviates Experimental Autoimmune Encephalomyelitis by Promoting Regulatory T Cell Development. Journal of Immunology, 2011, 187, 2322-2328.	0.8	77
134	The Novel Costimulatory Programmed Death Ligand 1/B7.1 Pathway Is Functional in Inhibiting Alloimmune Responses In Vivo. Journal of Immunology, 2011, 187, 1113-1119.	0.8	115
135	T-cell co-stimulatory blockade in kidney transplantation: back to the bench. Kidney International Supplements, 2011, 1, 25-30.	14.2	4
136	Animal Models of Chronic Allograft Injury: Contributions and Limitations to Understanding the Mechanism of Long-Term Graft Dysfunction. Transplantation, 2010, 90, 935-944.	1.0	41
137	Acute coronary syndrome in ESRD patients. Kidney International, 2009, 75, 558-562.	5.2	20
138	Paradoxical Functions of B7: CD28 Costimulation in a MHC Class II-Mismatched Cardiac Transplant Model. American Journal of Transplantation, 2009, 9, 2837-2844.	4.7	27
139	Pigâ€toâ€human kidney transplantation using brainâ€dead donors as recipients: One giant leap, or only one small step for transplantkind?. Xenotransplantation, 0, , .	2.8	6
140	mTORC1 Inhibition Protects Human Regulatory T Cells From Granzyme-B-Induced Apoptosis. Frontiers in Immunology, 0, 13, .	4.8	8