Thangamani Muthukumar

List of Publications by Year
in descending order

58	3,167	186265	197818
papers	citations	28 h-index	49 g-index

67	67	67	3915
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Messenger RNA forFOXP3in the Urine of Renal-Allograft Recipients. New England Journal of Medicine, 2005, 353, 2342-2351.	27.0	501
2	Urinary-Cell mRNA Profile and Acute Cellular Rejection in Kidney Allografts. New England Journal of Medicine, 2013, 369, 20-31.	27.0	312
3	Noninvasive detection of renal allograft inflammation by measurements of mRNA for IP-10 and CXCR3 in urine. Kidney International, 2004, 65, 2390-2397.	5.2	177
4	Gut Microbiota and Tacrolimus Dosing in Kidney Transplantation. PLoS ONE, 2015, 10, e0122399.	2.5	133
5	Gut Microbial Community Structure and Complications After Kidney Transplantation. Transplantation, 2014, 98, 697-705.	1.0	131
6	MicroRNAs: Small RNAs With Big Effects. Transplantation, 2010, 90, 105-112.	1.0	130
7	Independent Risk Factors for Urinary Tract Infection and for Subsequent Bacteremia or Acute Cellular Rejection. Transplantation, 2013, 96, 732-738.	1.0	120
8	RIPK3 promotes sepsis-induced acute kidney injury via mitochondrial dysfunction. JCI Insight, 2018, 3, .	5.0	120
9	Noninvasive diagnosis of BK virus nephritis by measurement of messenger RNA for BK virus VP1 in urine1. Transplantation, 2002, 74, 987-994.	1.0	108
10	Mitophagy-dependent macrophage reprogramming protects against kidney fibrosis. JCI Insight, 2019, 4, .	5.0	100
11	CD103 mRNA levels in urinary cells predict acute rejection of renal allografts1. Transplantation, 2003, 75, 1307-1312.	1.0	93
12	MicroRNA Sequence Profiles of Human Kidney Allografts With or Without Tubulointerstitial Fibrosis. Transplantation, 2012, 94, 1086-1094.	1.0	90
13	Molecular determinants of nephron vascular specialization in the kidney. Nature Communications, 2019, 10, 5705.	12.8	83
14	RIPK3 promotes kidney fibrosis via AKT-dependent ATP citrate lyase. JCI Insight, 2018, 3, .	5.0	76
15	Kidney allograft recipients, immunosuppression, and coronavirus disease-2019: a report of consecutive cases from a New York City transplant center. Nephrology Dialysis Transplantation, 2020, 35, 1250-1261.	0.7	73
16	Serine proteinase inhibitor-9, an endogenous blocker of granzyme B/perforin lytic pathway, is hyperexpressed during acute rejection of renal allografts. Transplantation, 2003, 75, 1565-1570.	1.0	72
17	Noninvasive diagnosis of acute rejection of renal allografts. Current Opinion in Organ Transplantation, 2010, 15, 35-41.	1.6	72
18	Validation of Noninvasive Diagnosis of BK Virus Nephropathy and Identification of Prognostic Biomarkers. Transplantation, 2010, 90, 189-197.	1.0	63

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19	Urinary Cell Levels of mRNA for OX40, OX40L, PD-1, PD-L1, or PD-L2 and Acute Rejection of Human Renal Allografts. Transplantation, 2010, 90, 1381-1387.	1.0	59
20	Exome Sequencing and Prediction of Long-Term Kidney Allograft Function. PLoS Computational Biology, 2016, 12, e1005088.	3.2	52
21	Urinary Cell mRNA Profiles and Differential Diagnosis of Acute Kidney Graft Dysfunction. Journal of the American Society of Nephrology: JASN, 2014, 25, 1586-1597.	6.1	45
22	Urinary cell <scp>mRNA</scp> profiles predictive of human kidney allograft status. Immunological Reviews, 2014, 258, 218-240.	6.0	41
23	Butyrateâ€producing gut bacteria and viral infections in kidney transplant recipients: A pilot study. Transplant Infectious Disease, 2019, 21, e13180.	1.7	41
24	Concurrent Acute Cellular Rejection Is an Independent Risk Factor for Renal Allograft Failure in Patients With C4d-Positive Antibody-Mediated Rejection. Transplantation, 2012, 94, 603-611.	1.0	36
25	Discovery and Validation of a Molecular Signature for the Noninvasive Diagnosis of Human Renal Allograft Fibrosis. Transplantation, 2012, 93, 1136-1146.	1.0	35
26	Anticoagulation Strategies and Filter Life in COVID-19 Patients Receiving Continuous Renal Replacement Therapy. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 124-126.	4.5	34
27	Bortezomib for Reduction of Proteinuria inÂIgA Nephropathy. Kidney International Reports, 2018, 3, 861-866.	0.8	32
28	Landscape of innate immune system transcriptome and acute T cellâ€“mediated rejection of human kidney allografts. JCI Insight, 2019, 4, .	5.0	30
29	Development and validation of a prognostic index for allograft outcome in kidney recipients with transplant glomerulopathy. Kidney International, 2016, 89, 450-458.	5.2	28
30	Urinary cell transcriptomics and acute rejection in human kidney allografts. JCI Insight, 2020, 5, .	5.0	25
31	Noninvasive Prognostication of Polyomavirus BK Virusâ€“Associated Nephropathy. Transplantation, 2013, 96, 131-138.	1.0	22
32	On the Detection of Anti-HLA Antibodies Using Single Antigen Bead Luminex Assay. Transplantation, 2013, 96, e24-e26.	1.0	21
33	MicroRNAs and Transplantation. Clinics in Laboratory Medicine, 2019, 39, 125-143.	1.4	21
34	Management of Patients with Acute Methotrexate Nephrotoxicity with Highâ€Dose Leucovorin. Pharmacotherapy, 2018, 38, 714-724.	2.6	20
35	In-Hospital Cardiovascular Complications After Pancreas Transplantation in the United States from 2003 to 2012. American Journal of Cardiology, 2017, 120, 682-687.	1.6	19
36	Kidney allograft failure in the steroidâ€free immunosuppression era: A matched caseâ€control study. Clinical Transplantation, 2017, 31, e13117.	1.6	14

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37	Antibiotic prophylaxis for ureteral stent removal after kidney transplantation. Clinical Transplantation, 2019, 33, e13491.	1.6	14
38	Incidence and Risk Factors for Acute and Chronic Kidney Injury after Adult Cord Blood Transplantation. Biology of Blood and Marrow Transplantation, 2020, 26, 758-763.	2.0	14
39	FOXP3 mRNA Profile Prognostic of Acute T Cellâ€“mediated Rejection and Human Kidney Allograft Survival. Transplantation, 2021, 105, 1825-1839.	1.0	14
40	Conditional deletion of myeloid-specific mitofusin 2 but not mitofusin 1 promotes kidney fibrosis. Kidney International, 2022, 101, 963-986.	5.2	14
41	Detection of infiltrating fibroblasts by single-cell transcriptomics in human kidney allografts. PLoS ONE, 2022, 17, e0267704.	2.5	14
42	Single nucleotide variant counts computed from RNA sequencing and cellular traffic into human kidney allografts. American Journal of Transplantation, 2018, 18, 2429-2442.	4.7	11
43	Dissecting the human kidney allograft transcriptome: single-cell RNA sequencing. Current Opinion in Organ Transplantation, 2021, 26, 43-51.	1.6	10
44	Principles of Virtual Crossmatch Testing for Kidney Transplantation. Kidney International Reports, 2022, 7, 1179-1188.	0.8	9
45	Casirivimab-Imdevimab (REGN-COV2) for Mild to Moderate SARS-CoV-2 Infection in Kidney Transplant Recipients. Kidney International Reports, 2021, 6, 2900-2902.	0.8	8
46	Urinary Cell Transcriptome Profiling and Identification of ITM2A, SLAMF6, and IKZF3 as Biomarkers of Acute Rejection in Human Kidney Allografts. Transplantation Direct, 2020, 6, e588.	1.6	8
47	Serum MicroRNA Transcriptomics and Acute Rejection or Recurrent Hepatitis C Virus in Human Liver Allograft Recipients: A Pilot Study. Transplantation, 2022, 106, 806-820.	1.0	7
48	Allograft rejection and tubulointerstitial fibrosis in human kidney allografts: Interrogation by urinary cell mRNA profiling. Transplantation Reviews, 2014, 28, 145-154.	2.9	6
49	Validation of a noninvasive prognostic signature for allograft failure following BK virus associated nephropathy. Clinical Transplantation, 2021, 35, e14200.	1.6	5
50	Quiz Page August 2015. American Journal of Kidney Diseases, 2015, 66, A20-A23.	1.9	0
51	Molecular Characterization of Rejection in Solid Organ Transplantation. , 2016, , 1132-1149.		0
52	P086 MFI, MFI everywhere: Is there a clinically applicable MFI cutpoint anywhere?. Human Immunology, 2017, 78, 116.	2.4	0
53	P233 On the performance characteristics of luminex single antigen bead (LSAB) assay mean fluorescence intensity cutpoint in predicting flow cytometry crossmatch (FCXM) results. Human Immunology, 2017, 78, 226.	2.4	0
54	Incidence and Risk Factors of Post Transplant Diabetes Mellitus in Kidney Transplant Recipients in Qatar. Transplantation, 2018, 102, S648.	1.0	0

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55	Kidney Dysfunction Post-Allogeneic Transplant: High Incidence of TMA and Kidney GvHD. Biology of Blood and Marrow Transplantation, 2018, 24, S209-S210.	2.0	0
56	Deep sequencing of DNA from urine of kidney allograft recipients to estimate donor/recipient-specific DNA fractions. PLoS ONE, 2021, 16, e0249930.	2.5	0
57	Imagining a Better Outcome for Chronic Antibody-Mediated Rejectionâ€"Will Blocking Interleukin-6 Signaling Help?. Kidney International Reports, 2022, 7, 678-680.	0.8	0
58	Post-Transplant Hypotension in Kidney Recipientsâ€"Vasopressin to the Rescue?. Kidney International Reports, 2022, , .	0.8	0