

# Darshana M Dadhania

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

5,299  
citations

101543

36  
h-index

88630

70  
g-index

91  
all docs

91  
docs citations

91  
times ranked

6752  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 in solid organ transplant recipients: Initial report from the US epicenter. American Journal of Transplantation, 2020, 20, 1800-1808.	4.7	683
2	Messenger RNA for FOXP3 in the Urine of Renal-Allograft Recipients. New England Journal of Medicine, 2005, 353, 2342-2351.	27.0	501
3	MicroRNA expression profiles predictive of human renal allograft status. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5330-5335.	7.1	312
4	Urinary-Cell mRNA Profile and Acute Cellular Rejection in Kidney Allografts. New England Journal of Medicine, 2013, 369, 20-31.	27.0	312
5	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
6	Pharmacodynamics of basic fibroblast growth factor: route of administration determines myocardial and systemic distribution. Cardiovascular Research, 1997, 36, 78-85.	3.8	175
7	Gut Microbiota and Tacrolimus Dosing in Kidney Transplantation. PLoS ONE, 2015, 10, e0122399.	2.5	133
8	Gut Microbial Community Structure and Complications After Kidney Transplantation. Transplantation, 2014, 98, 697-705.	1.0	131
9	The Banff Working Group Classification of Definitive Polyomavirus Nephropathy: Morphologic Definitions and Clinical Correlations. Journal of the American Society of Nephrology: JASN, 2018, 29, 680-693.	6.1	129
10	Gut uropathogen abundance is a risk factor for development of bacteriuria and urinary tract infection. Nature Communications, 2019, 10, 5521.	12.8	123
11	Urinary cell-free DNA is a versatile analyte for monitoring infections of the urinary tract. Nature Communications, 2018, 9, 2412.	12.8	121
12	Independent Risk Factors for Urinary Tract Infection and for Subsequent Bacteremia or Acute Cellular Rejection. Transplantation, 2013, 96, 732-738.	1.0	120
13	Epidemiology of BK Virus in Renal Allograft Recipients: Independent Risk Factors for BK Virus Replication. Transplantation, 2008, 86, 521-528.	1.0	109
14	Noninvasive diagnosis of BK virus nephritis by measurement of messenger RNA for BK virus VP1 in urine. Transplantation, 2002, 74, 987-994.	1.0	108
15	CD103 mRNA levels in urinary cells predict acute rejection of renal allografts. Transplantation, 2003, 75, 1307-1312.	1.0	93
16	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
17	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
18	COVID-19 outcomes in patients waitlisted for kidney transplantation and kidney transplant recipients. American Journal of Transplantation, 2021, 21, 1576-1585.	4.7	71

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19	Gut microbiota dysbiosis and diarrhea in kidney transplant recipients. American Journal of Transplantation, 2019, 19, 488-500.	4.7	70
20	An overview of frailty in kidney transplantation: measurement, management and future considerations. Nephrology Dialysis Transplantation, 2020, 35, 1099-1112.	0.7	68
21	Validation of Noninvasive Diagnosis of BK Virus Nephropathy and Identification of Prognostic Biomarkers. Transplantation, 2010, 90, 189-197.	1.0	63
22	APOL1 Long-term Kidney Transplantation Outcomes Network (APOLLO): Design and Rationale. Kidney International Reports, 2020, 5, 278-288.	0.8	62
23	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
24	Urine Metabolite Profiles Predictive of Human Kidney Allograft Status. Journal of the American Society of Nephrology: JASN, 2016, 27, 626-636.	6.1	58
25	A cell-free DNA metagenomic sequencing assay that integrates the host injury response to infection. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18738-18744.	7.1	58
26	Perceptions and Practices Regarding Frailty in Kidney Transplantation: Results of a National Survey. Transplantation, 2020, 104, 349-356.	1.0	54
27	Exome Sequencing and Prediction of Long-Term Kidney Allograft Function. PLoS Computational Biology, 2016, 12, e1005088.	3.2	52
28	Molecular signatures of urinary cells distinguish acute rejection of renal allografts from urinary tract infection. Transplantation, 2003, 75, 1752-1754.	1.0	50
29	Circulating Levels of 25-Hydroxyvitamin D and Acute Cellular Rejection in Kidney Allograft Recipients. Transplantation, 2014, 98, 292-299.	1.0	50
30	Characteristics of Circulating Donor Human Leukocyte Antigen-specific Immunoglobulin G Antibodies Predictive of Acute Antibody-mediated Rejection and Kidney Allograft Failure. Transplantation, 2015, 99, 1156-1164.	1.0	49
31	Consensus conference on heart-kidney transplantation. American Journal of Transplantation, 2021, 21, 2459-2467.	4.7	49
32	Results of Repeat Renal Transplantation After Graft Loss From BK Virus Nephropathy. Transplantation, 2011, 92, 781-786.	1.0	47
33	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
34	Gut commensal microbiota and decreased risk for Enterobacteriaceae bacteriuria and urinary tract infection. Gut Microbes, 2020, 12, 1805281.	9.8	43
35	Urinary cell mRNA profiles predictive of human kidney allograft status. Immunological Reviews, 2014, 258, 218-240.	6.0	41
36	Butyrate-producing gut bacteria and viral infections in kidney transplant recipients: A pilot study. Transplant Infectious Disease, 2019, 21, e13180.	1.7	41

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37	White paper on antimicrobial stewardship in solid organ transplant recipients. American Journal of Transplantation, 2022, 22, 96-112.	4.7	41
38	The 2018 Banff Working Group classification of definitive polyomavirus nephropathy: A multicenter validation study in the modern era. American Journal of Transplantation, 2021, 21, 669-680.	4.7	38
39	Deceased-donor kidney transplantation: improvement in long-term survival. Nephrology Dialysis Transplantation, 2011, 26, 317-324.	0.7	37
40	Discovery and Validation of a Molecular Signature for the Noninvasive Diagnosis of Human Renal Allograft Fibrosis. Transplantation, 2012, 93, 1136-1146.	1.0	35
41	Renal Transplant Elasticity Ultrasound Imaging: Correlation Between Normalized Strain and Renal Cortical Fibrosis. Ultrasound in Medicine and Biology, 2013, 39, 1536-1542.	1.5	34
42	Landscape of innate immune system transcriptome and acute T cell-mediated rejection of human kidney allografts. JCI Insight, 2019, 4, .	5.0	30
43	Characteristics of Acute Kidney Injury in Hospitalized COVID-19 Patients in an Urban Academic Medical Center. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 284-286.	4.5	29
44	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
45	Living donor kidney paired donation transplantation: experience as a founding member center of the National Kidney Registry. Clinical Transplantation, 2012, 26, E213-22.	1.6	26
46	Urinary cell transcriptomics and acute rejection in human kidney allografts. JCI Insight, 2020, 5, .	5.0	25
47	Noninvasive diagnosis of acute rejection of solid organ transplants. Frontiers in Bioscience - Landmark, 2004, 9, 145.	3.0	24
48	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
49	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
50	Sublingual Tacrolimus: A Pharmacokinetic Evaluation Pilot Study. Pharmacotherapy, 2013, 33, 31-37.	2.6	22
51	Noninvasive Prognostication of Polyomavirus BK Virus-Associated Nephropathy. Transplantation, 2013, 96, 131-138.	1.0	22
52	On the Detection of Anti-HLA Antibodies Using Single Antigen Bead Luminex Assay. Transplantation, 2013, 96, e24-e26.	1.0	21
53	Gastrointestinal pathogen colonization and the microbiome in asymptomatic kidney transplant recipients. Transplant Infectious Disease, 2019, 21, e13167.	1.7	21
54	Association of HLA Typing and Alloimmunity With Posttransplantation Membranous Nephropathy: A Multicenter Case Series. American Journal of Kidney Diseases, 2020, 76, 374-383.	1.9	21

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55	Gut microbiota profiles and fecal beta-glucuronidase activity in kidney transplant recipients with and without post-transplant diarrhea. <i>Clinical Transplantation</i> , 2021, 35, e14260.	1.6	18
56	Transplant Clinician Opinions on Use of Race in the Estimation of Glomerular Filtration Rate. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 1552-1559.	4.5	17
57	Polyoma (BK) virus associated urothelial carcinoma originating within a renal allograft five years following resolution of polyoma virus nephropathy. <i>Clinical Nephrology</i> , 2016, 85 (2016), 179-183.	0.7	16
58	Impact of Functional Status on Outcomes of Simultaneous Pancreas-kidney Transplantation: Risks and Opportunities for Patient Benefit. <i>Transplantation Direct</i> , 2020, 6, e599.	1.6	15
59	HIV-Infected Kidney Graft Recipients Managed With an Early Corticosteroid Withdrawal Protocol. <i>Transplantation</i> , 2013, 95, 711-720.	1.0	14
60	Kidney allograft failure in the steroid-free immunosuppression era: A matched case-control study. <i>Clinical Transplantation</i> , 2017, 31, e13117.	1.6	14
61	FOXP3 mRNA Profile Prognostic of Acute T Cell-mediated Rejection and Human Kidney Allograft Survival. <i>Transplantation</i> , 2021, 105, 1825-1839.	1.0	14
62	Transplant centers that assess frailty as part of clinical practice have better outcomes. <i>BMC Geriatrics</i> , 2022, 22, 82.	2.7	14
63	Detection of infiltrating fibroblasts by single-cell transcriptomics in human kidney allografts. <i>PLoS ONE</i> , 2022, 17, e0267704.	2.5	14
64	Early Corticosteroid Withdrawal in Recipients of Renal Allografts. <i>Transplantation</i> , 2012, 94, 837-844.	1.0	13
65	Management of cardiac diseases in liver transplant recipients: Comprehensive review and multidisciplinary practice-based recommendations. <i>American Journal of Transplantation</i> , 2022, 22, 2740-2758.	4.7	12
66	Single nucleotide variant counts computed from RNA sequencing and cellular traffic into human kidney allografts. <i>American Journal of Transplantation</i> , 2018, 18, 2429-2442.	4.7	11
67	Identification of Antibiotic Administration as a Potentially Novel Factor Associated With Tacrolimus Trough Variability in Kidney Transplant Recipients: A Preliminary Study. <i>Transplantation Direct</i> , 2019, 5, e485.	1.6	11
68	Comparison of Ultrasound Corticomedullary Strain with Doppler Parameters in Assessment of Renal Allograft Interstitial Fibrosis/Tubular Atrophy. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 2631-2639.	1.5	9
69	Mean Arterial Blood Pressure While Awaiting Kidney Transplantation Is Associated With the Risk of Primary Nonfunction. <i>Transplantation</i> , 2012, 93, 54-60.	1.0	7
70	Allograft rejection and tubulointerstitial fibrosis in human kidney allografts: Interrogation by urinary cell mRNA profiling. <i>Transplantation Reviews</i> , 2014, 28, 145-154.	2.9	6
71	Validation of a noninvasive prognostic signature for allograft failure following BK virus associated nephropathy. <i>Clinical Transplantation</i> , 2021, 35, e14200.	1.6	5
72	Measurement Biases Distort Cell-Free DNA Fragmentation Profiles and Define the Sensitivity of Metagenomic Cell-Free DNA Sequencing Assays. <i>Clinical Chemistry</i> , 2021, 68, 163-171.	3.2	5

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73	Defining the roles and responsibilities of the kidney transplant medical director: A necessary step for future training, mentoring, and professional development. American Journal of Transplantation, 2021, 21, 1556-1563.	4.7	4
74	Excretion of anti-angiogenic proteins in patients with chronic allograft dysfunction. Nephrology Dialysis Transplantation, 2012, 27, 494-497.	0.7	3
75	Incidence, Clinical Correlates, and Outcomes of Pulmonary Hypertension After Kidney Transplantation: Analysis of Linked US Registry and Medicare Billing Claims. Transplantation, 2022, 106, 666-675.	1.0	3
76	COVID-19 infection in former living kidney donors. Clinical Transplantation, 2021, 35, e14230.	1.6	2
77	Peritoneal Effluent Cell-Free DNA Sequencing in Peritoneal Dialysis Patients With and Without Peritonitis. Kidney Medicine, 2022, 4, 100383.	2.0	2
78	Transplant administration—A survey of the roles and responsibilities of kidney and pancreas medical directors of US transplant centers. Clinical Transplantation, 2021, 35, e14305.	1.6	1
79	Achieving Equity for Liver Transplantation Recipients With Chronic Kidney Disease. Liver Transplantation, 2022, 28, 920-922.	2.4	1
80	Characteristics of natural immunity to SARS-CoV-2 over time in wait-listed dialysis patients and recent kidney transplant recipients. Nephrology Dialysis Transplantation, 2022, , .	0.7	1
81	Molecular Characterization of Rejection in Solid Organ Transplantation. , 2016, , 1132-1149.		0
82	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