

Minnie M Sarwal

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

103
papers

11,504
citations

31
h-index

107
g-index

118
ext. papers

13,054
ext. citations

6.6
avg, IF

5.5
L-index

#	Paper	IF	Citations
103	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
102	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-546.2	10.2	2783
101	Calcineurin inhibitor nephrotoxicity. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009 , 4, 481-508	6.9	917
100	Molecular heterogeneity in acute renal allograft rejection identified by DNA microarray profiling. <i>New England Journal of Medicine</i> , 2003 , 349, 125-38	59.2	583
99	Cell type-specific gene expression differences in complex tissues. <i>Nature Methods</i> , 2010 , 7, 287-9	21.6	356
98	Identification of a peripheral blood transcriptional biomarker panel associated with operational renal allograft tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15448-53	11.5	286
97	Continued superior outcomes with modification and lengthened follow-up of a steroid-avoidance pilot with extended daclizumab induction in pediatric renal transplantation. <i>Transplantation</i> , 2003 , 76, 1331-9	1.8	195
96	A common rejection module (CRM) for acute rejection across multiple organs identifies novel therapeutics for organ transplantation. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2205-21	16.6	166
95	A circulating antibody panel for pretransplant prediction of FSGS recurrence after kidney transplantation. <i>Science Translational Medicine</i> , 2014 , 6, 256ra136	17.5	138
94	The kSORT assay to detect renal transplant patients at high risk for acute rejection: results of the multicenter AART study. <i>PLoS Medicine</i> , 2014 , 11, e1001759	11.6	121
93	Expression of complement components differs between kidney allografts from living and deceased donors. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 1839-51	12.7	106
92	Integrative urinary peptidomics in renal transplantation identifies biomarkers for acute rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 646-53	12.7	103
91	Shotgun proteomics identifies proteins specific for acute renal transplant rejection. <i>Proteomics - Clinical Applications</i> , 2010 , 4, 32-47	3.1	87
90	Endothelial cell antibodies associated with novel targets and increased rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 1161-71	12.7	81
89	A rapid noninvasive assay for the detection of renal transplant injury. <i>Transplantation</i> , 2013 , 96, 97-101	1.8	81
88	Progressive histological damage in renal allografts is associated with expression of innate and adaptive immunity genes. <i>Kidney International</i> , 2011 , 80, 1364-76	9.9	76
87	Optimizing Detection of Kidney Transplant Injury by Assessment of Donor-Derived Cell-Free DNA via Massively Multiplex PCR. <i>Journal of Clinical Medicine</i> , 2018 , 8,	5.1	73

86	Non-HLA antibodies to immunogenic epitopes predict the evolution of chronic renal allograft injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 750-63	12.7	68
85	Biomarkers in solid organ transplantation: establishing personalized transplantation medicine. <i>Genome Medicine</i> , 2011 , 3, 37	14.4	65
84	The identification of novel potential injury mechanisms and candidate biomarkers in renal allograft rejection by quantitative proteomics. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 621-31	7.6	61
83	Differentially expressed RNA from public microarray data identifies serum protein biomarkers for cross-organ transplant rejection and other conditions. <i>PLoS Computational Biology</i> , 2010 , 6, e1000940	5	58
82	Mining the human urine proteome for monitoring renal transplant injury. <i>Kidney International</i> , 2016 , 89, 1244-52	9.9	55
81	The clinical impact of humoral immunity in pediatric renal transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 655-64	12.7	48
80	The yin and yang of B cells in graft rejection and tolerance. <i>Transplantation Reviews</i> , 2010 , 24, 67-78	3.3	48
79	Transplant genetics and genomics. <i>Nature Reviews Genetics</i> , 2017 , 18, 309-326	30.1	47
78	The proteogenomic path towards biomarker discovery. <i>Pediatric Transplantation</i> , 2008 , 12, 737-47	1.8	45
77	A Three-Gene Assay for Monitoring Immune Quiescence in Kidney Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 2042-53	12.7	38
76	Interference of globin genes with biomarker discovery for allograft rejection in peripheral blood samples. <i>Physiological Genomics</i> , 2008 , 32, 190-7	3.6	38
75	Perturbations in the urinary exosome in transplant rejection. <i>Frontiers in Medicine</i> , 2014 , 1, 57	4.9	33
74	Molecular and Functional Noninvasive Immune Monitoring in the ESCAPE Study for Prediction of Subclinical Renal Allograft Rejection. <i>Transplantation</i> , 2017 , 101, 1400-1409	1.8	32
73	Optimization for peptide sample preparation for urine peptidomics. <i>Clinical Proteomics</i> , 2014 , 11, 7	5	31
72	Efficacy and safety of thymoglobulin induction as an alternative approach for steroid-free maintenance immunosuppression in pediatric renal transplantation. <i>Transplantation</i> , 2010 , 90, 1516-20	1.8	31
71	Advances in diagnostics for transplant rejection. <i>Expert Review of Molecular Diagnostics</i> , 2016 , 16, 1121-1132	13.2	30
70	Phenotypic evaluation of B-cell subsets after rituximab for treatment of acute renal allograft rejection in pediatric recipients. <i>Transplantation</i> , 2011 , 91, 1010-8	1.8	29
69	Compartmental localization and clinical relevance of MICA antibodies after renal transplantation. <i>Transplantation</i> , 2010 , 89, 312-9	1.8	29

68	Optimizing protein recovery for urinary proteomics, a tool to monitor renal transplantation. <i>Clinical Transplantation</i> , 2008 , 22, 617-23	3.8	29
67	Moving beyond HLA: a review of nHLA antibodies in organ transplantation. <i>Human Immunology</i> , 2013 , 74, 1486-90	2.3	28
66	A urine score for noninvasive accurate diagnosis and prediction of kidney transplant rejection. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	27
65	Novel Non-Histocompatibility Antigen Mismatched Variants Improve the Ability to Predict Antibody-Mediated Rejection Risk in Kidney Transplant. <i>Frontiers in Immunology</i> , 2017 , 8, 1687	8.4	27
64	Identification of common blood gene signatures for the diagnosis of renal and cardiac acute allograft rejection. <i>PLoS ONE</i> , 2013 , 8, e82153	3.7	27
63	Profiling the proteome in renal transplantation. <i>Proteomics - Clinical Applications</i> , 2011 , 5, 269-80	3.1	25
62	Transcriptional Perturbations in Graft Rejection. <i>Transplantation</i> , 2015 , 99, 1882-93	1.8	24
61	Deconvoluting the WomicsL for organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2009 , 14, 544-51	2.5	24
60	A Computational Gene Expression Score for Predicting Immune Injury in Renal Allografts. <i>PLoS ONE</i> , 2015 , 10, e0138133	3.7	24
59	Differential immunogenicity and clinical relevance of kidney compartment specific antigens after renal transplantation. <i>Journal of Proteome Research</i> , 2010 , 9, 6715-21	5.6	22
58	Immune response profiling identifies autoantibodies specific to Moyamoya patients. <i>Orphanet Journal of Rare Diseases</i> , 2013 , 8, 45	4.2	21
57	A Novel Multi-Biomarker Assay for Non-Invasive Quantitative Monitoring of Kidney Injury. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	19
56	Characterizing pre-transplant and post-transplant kidney rejection risk by B cell immune repertoire sequencing. <i>Nature Communications</i> , 2019 , 10, 1906	17.4	18
55	Fingerprints of transplant tolerance suggest opportunities for immunosuppression minimization. <i>Clinical Biochemistry</i> , 2016 , 49, 404-10	3.5	18
54	Recent advances in biomarker discovery in solid organ transplant by proteomics. <i>Expert Review of Proteomics</i> , 2011 , 8, 705-15	4.2	18
53	Functional proteogenomics--embracing complexity. <i>Seminars in Immunology</i> , 2011 , 23, 235-51	10.7	18
52	A urinary Common Rejection Module (uCRM) score for non-invasive kidney transplant monitoring. <i>PLoS ONE</i> , 2019 , 14, e0220052	3.7	17
51	Protein and peptide biomarkers in organ transplantation. <i>Biomarkers in Medicine</i> , 2012 , 6, 259-71	2.3	17

50	Sodium ferric gluconate therapy in renal transplant and renal failure patients. <i>Pediatric Nephrology</i> , 2000 , 15, 171-5	3.2	16
49	Cell-Free DNA and CXCL10 Derived from Bronchoalveolar Lavage Predict Lung Transplant Survival. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	16
48	Targeted Transcriptional Profiling of Kidney Transplant Biopsies. <i>Kidney International Reports</i> , 2018 , 3, 722-731	4.1	15
47	A Comprehensive Analysis of the Current Status and Unmet Needs in Kidney Transplantation in Southeast Asia. <i>Frontiers in Medicine</i> , 2017 , 4, 84	4.9	15
46	Standardizing resistive indices in healthy pediatric transplant recipients of adult-sized kidneys. <i>Pediatric Transplantation</i> , 2010 , 14, 126-31	1.8	14
45	The common rejection module in chronic rejection post lung transplantation. <i>PLoS ONE</i> , 2018 , 13, e0205367	3.7	14
44	Assessment of 19 Genes and Validation of CRM Gene Panel for Quantitative Transcriptional Analysis of Molecular Rejection and Inflammation in Archival Kidney Transplant Biopsies. <i>Frontiers in Medicine</i> , 2019 , 6, 213	4.9	11
43	A Modified Injector and Sample Acquisition Protocol Can Improve Data Quality and Reduce Inter-Instrument Variability of the Helios Mass Cytometer. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019 , 95, 1019-1030	4.6	11
42	Unraveling the Role of Allo-Antibodies and Transplant Injury. <i>Frontiers in Immunology</i> , 2016 , 7, 432	8.4	11
41	Computational Models for Transplant Biomarker Discovery. <i>Frontiers in Immunology</i> , 2015 , 6, 458	8.4	10
40	The pits and pearls in translating operational tolerance biomarkers into clinical practice. <i>Current Opinion in Organ Transplantation</i> , 2012 , 17, 655-62	2.5	10
39	Further Evidence That the Soluble Urokinase Plasminogen Activator Receptor Does Not Directly Injure Mice or Human Podocytes. <i>Transplantation</i> , 2020 , 104, 54-60	1.8	10
38	Profiling of autoantibodies in IgA nephropathy, an integrative antibiomics approach. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011 , 6, 2775-84	6.9	9
37	Clinical and Analytical Validation of a Novel Urine-Based Test for the Detection of Allograft Rejection in Renal Transplant Patients. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	9
36	Self-antigens and rejection: a proteomic analysis. <i>Current Opinion in Organ Transplantation</i> , 2016 , 21, 362-7	2.5	8
35	Urinary Virome Perturbations in Kidney Transplantation. <i>Frontiers in Medicine</i> , 2018 , 5, 72	4.9	8
34	Retrospective evaluation of the efficacy and safety of belatacept with thymoglobulin induction and maintenance everolimus: A single-center clinical experience. <i>Clinical Transplantation</i> , 2017 , 31, e13042	3.8	8
33	Circulating CD40 autoantibody and suPAR synergy drives glomerular injury. <i>Annals of Translational Medicine</i> , 2015 , 3, 300	3.2	8

32	Targeted Urine Metabolomics for Monitoring Renal Allograft Injury and Immunosuppression in Pediatric Patients. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	8
31	Antibody-mediated rejection in pediatric kidney transplantation: pathophysiology, diagnosis, and management. <i>Drugs</i> , 2015 , 75, 455-72	12.1	7
30	Assessment of Circulating Protein Signatures for Kidney Transplantation in Pediatric Recipients. <i>Frontiers in Medicine</i> , 2017 , 4, 80	4.9	7
29	Acute Renal Failure Management in the Neonate. <i>NeoReviews</i> , 2005 , 6, e369-e376	1.1	7
28	Transplantomics: Toward Precision Medicine in Transplantation Research. <i>Transplantation</i> , 2017 , 101, 1777-1782	1.8	7
27	Avoidance of CNI and steroids using belatacept-Results of the Clinical Trials in Organ Transplantation 16 trial. <i>American Journal of Transplantation</i> , 2020 , 20, 3599-3608	8.7	6
26	Monitoring calcineurin inhibitor therapy: localizing the moving target. <i>Transplantation</i> , 2010 , 89, 1308-9	1.8	6
25	Protein biomarkers in renal transplantation. <i>Expert Review of Proteomics</i> , 2018 , 15, 41-54	4.2	6
24	Non-radiological assessment of kidney stones using the kidney injury test (KIT), a spot urine assay. <i>BJU International</i> , 2020 , 125, 732-738	5.6	5
23	Peripheral Blood RNA Sequencing Unravels a Differential Signature of Coding and Noncoding Genes by Types of Kidney Allograft Rejection. <i>Kidney International Reports</i> , 2020 , 5, 1706-1721	4.1	5
22	Noninvasive Urinary Monitoring of Progression in IgA Nephropathy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
21	Mapping novel immunogenic epitopes in IgA nephropathy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 372-81	6.9	4
20	Optimization for Peptide Sample Preparation for Urine Peptidomics. <i>Methods in Molecular Biology</i> , 2018 , 1788, 63-72	1.4	4
19	Expression of Mitochondrial-Encoded Genes in Blood Differentiate Acute Renal Allograft Rejection. <i>Frontiers in Medicine</i> , 2017 , 4, 185	4.9	4
18	A Comprehensive Urine Proteome Database Generated From Patients With Various Renal Conditions and Prostate Cancer. <i>Frontiers in Medicine</i> , 2021 , 8, 548212	4.9	4
17	LC-SRM-Based Targeted Quantification of Urinary Protein Biomarkers. <i>Methods in Molecular Biology</i> , 2018 , 1788, 145-156	1.4	3
16	Impact of Sarcopenia on Simultaneous Pancreas and Kidney Transplantation Outcomes: A Retrospective Observational Cohort Study. <i>Transplantation Direct</i> , 2020 , 6, e610	2.3	3
15	Near-Single-Cell Proteomics Profiling of the Proximal Tubular and Glomerulus of the Normal Human Kidney. <i>Frontiers in Medicine</i> , 2020 , 7, 499	4.9	3

14	Single-Cell RNA Sequencing of Tocilizumab-Treated Peripheral Blood Mononuclear Cells as an Model of Inflammation. <i>Frontiers in Genetics</i> , 2020 , 11, 610682	4.5	3
13	Molecular Diversity of Clinically Stable Human Kidney Allografts. <i>JAMA Network Open</i> , 2021 , 4, e2035048	0.4	3
12	Long-term follow-up of beta cell replacement therapy in 10 HIV-infected patients with renal failure secondary to type 1 diabetes mellitus. <i>American Journal of Transplantation</i> , 2020 , 20, 2091-2100	8.7	2
11	Non-HLA Antibodies in Clinical Transplantation. <i>Clinical Transplants</i> , 2016 , 32, 45-61		2
10	Mechanisms and biomarkers of immune quiescence in kidney transplantation. <i>Human Immunology</i> , 2018 , 79, 356-361	2.3	1
9	Discovery of Immune Reactive Human Proteins by High-Density Protein Arrays and Customized Validation of Potential Biomarkers by ELISA. <i>Methods in Molecular Biology</i> , 2018 , 1788, 11-21	1.4	1
8	: A Novel Molecule Implicated in the Progression of Human Diabetic Kidney Disease.. <i>Frontiers in Immunology</i> , 2021 , 12, 769972	8.4	1
7	The Importance of Bringing Transplantation Tolerance to the Clinic. <i>Transplantation</i> , 2021 , 105, 935-940	1.8	1
6	Relationship between antithymocyte globulin, T cell phenotypes, and clinical outcomes in pediatric kidney transplantation. <i>American Journal of Transplantation</i> , 2021 , 21, 766-775	8.7	1
5	Use of the Tissue Common Rejection Module Score in Kidney Transplant as an Objective Measure of Allograft Inflammation. <i>Frontiers in Immunology</i> , 2020 , 11, 614343	8.4	1
4	Immune Monitoring in Kidney Transplantation 2017 , 403-417		
3	Graft Rejection: The Basics 2015 , 1-11		
2	Shotgun Proteomics Identifies Protein Biomarkers Specific for Acute Renal Transplant Rejection. <i>FASEB Journal</i> , 2009 , 23, LB239	0.9	
1	A large staghorn stone diagnosed and managed in an asymptomatic patient using the "Kidney Injury Test (Kit)" spot urine assay: A case report. <i>Urology Case Reports</i> , 2021 , 39, 101854	0.5	