

Minnie M Sarwal

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

14,128
citations

109264

35
h-index

28275

105
g-index

118
all docs

118
docs citations

118
times ranked

26498
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Multiplexed droplet single-cell sequencing (Mux-Seq) of normal and transplant kidney. <i>American Journal of Transplantation</i> , 2022, 22, 876-885. | 2.6 | 7 |
| 2 | Urinary Biomarkers for Kidney Allograft Injury. <i>Transplantation</i> , 2022, 106, 1330-1338. | 0.5 | 7 |
| 3 | Through the Looking Glass: Unraveling the Stage-Shift of Acute Rejection in Renal Allografts. <i>Journal of Clinical Medicine</i> , 2022, 11, 910. | 1.0 | 0 |
| 4 | Mass cytometry reveals single-cell kinetics of cytotoxic lymphocyte evolution in CMV-infected renal transplant patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, . | 3.3 | 15 |
| 5 | A reference tissue atlas for the human kidney. <i>Science Advances</i> , 2022, 8, . | 4.7 | 67 |
| 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. | 2.6 | 7 |
| 7 | The Importance of Bringing Transplantation Tolerance to the Clinic. <i>Transplantation</i> , 2021, 105, 935-940. | 0.5 | 3 |
| 8 | A Comprehensive Urine Proteome Database Generated From Patients With Various Renal Conditions and Prostate Cancer. <i>Frontiers in Medicine</i> , 2021, 8, 548212. | 1.2 | 18 |
| 9 | 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. | 0.1 | 0 |
| 10 | Molecular Diversity of Clinically Stable Human Kidney Allografts. <i>JAMA Network Open</i> , 2021, 4, e2035048. | 2.8 | 10 |
| 11 | FcER1: A Novel Molecule Implicated in the Progression of Human Diabetic Kidney Disease. <i>Frontiers in Immunology</i> , 2021, 12, 769972. | 2.2 | 9 |
| 12 | Further Evidence That the Soluble Urokinase Plasminogen Activator Receptor Does Not Directly Injure Mice or Human Podocytes. <i>Transplantation</i> , 2020, 104, 54-60. | 0.5 | 13 |
| 13 | Non-radiological assessment of kidney stones using the kidney injury test (KIT), a spot urine assay. <i>BJU International</i> , 2020, 125, 732-738. | 1.3 | 6 |
| 14 | Targeted Urine Metabolomics for Monitoring Renal Allograft Injury and Immunosuppression in Pediatric Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 2341. | 1.0 | 15 |
| 15 | 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, 2325. | 1.0 | 18 |
| 16 | Near-Single-Cell Proteomics Profiling of the Proximal Tubular and Glomerulus of the Normal Human Kidney. <i>Frontiers in Medicine</i> , 2020, 7, 499. | 1.2 | 12 |
| 17 | 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. | 0.4 | 15 |
| 18 | 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. | 2.6 | 16 |

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|----|--|-----|-----------|
| 19 | A urine score for noninvasive accurate diagnosis and prediction of kidney transplant rejection. <i>Science Translational Medicine</i> , 2020, 12, . | 5.8 | 48 |
| 20 | 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. | 2.6 | 6 |
| 21 | Single-Cell RNA Sequencing of Tocilizumab-Treated Peripheral Blood Mononuclear Cells as an in vitro Model of Inflammation. <i>Frontiers in Genetics</i> , 2020, 11, 610682. | 1.1 | 6 |
| 22 | 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. | 2.2 | 5 |
| 23 | Impact of Sarcopenia on Simultaneous Pancreas and Kidney Transplantation Outcomes: A Retrospective Observational Cohort Study. <i>Transplantation Direct</i> , 2020, 6, e610. | 0.8 | 11 |
| 24 | A Modified Injector and Sample Acquisition Protocol Can Improve Data Quality and Reduce Inter- μ 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. | 1.1 | 15 |
| 25 | A urinary Common Rejection Module (uCRM) score for non-invasive kidney transplant monitoring. <i>PLoS ONE</i> , 2019, 14, e0220052. | 1.1 | 25 |
| 26 | Noninvasive Urinary Monitoring of Progression in IgA Nephropathy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4463. | 1.8 | 8 |
| 27 | 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. | 1.2 | 20 |
| 28 | Characterizing pre-transplant and post-transplant kidney rejection risk by B cell immune repertoire sequencing. <i>Nature Communications</i> , 2019, 10, 1906. | 5.8 | 38 |
| 29 | A Novel Multi-Biomarker Assay for Non-Invasive Quantitative Monitoring of Kidney Injury. <i>Journal of Clinical Medicine</i> , 2019, 8, 499. | 1.0 | 29 |
| 30 | Cell-Free DNA and CXCL10 Derived from Bronchoalveolar Lavage Predict Lung Transplant Survival. <i>Journal of Clinical Medicine</i> , 2019, 8, 241. | 1.0 | 27 |
| 31 | Optimizing Detection of Kidney Transplant Injury by Assessment of Donor-Derived Cell-Free DNA via Massively Multiplex PCR. <i>Journal of Clinical Medicine</i> , 2019, 8, 19. | 1.0 | 131 |
| 32 | Mechanisms and biomarkers of immune quiescence in kidney transplantation. <i>Human Immunology</i> , 2018, 79, 356-361. | 1.2 | 4 |
| 33 | Protein biomarkers in renal transplantation. <i>Expert Review of Proteomics</i> , 2018, 15, 41-54. | 1.3 | 8 |
| 34 | The common rejection module in chronic rejection post lung transplantation. <i>PLoS ONE</i> , 2018, 13, e0205107. | 1.1 | 26 |
| 35 | Targeted Transcriptional Profiling of Kidney Transplant Biopsies. <i>Kidney International Reports</i> , 2018, 3, 722-731. | 0.4 | 20 |
| 36 | Urinary Virome Perturbations in Kidney Transplantation. <i>Frontiers in Medicine</i> , 2018, 5, 72. | 1.2 | 12 |

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|----|---|-----|-----------|
| 37 | Transplant genetics and genomics. <i>Nature Reviews Genetics</i> , 2017, 18, 309-326. | 7.7 | 60 |
| 38 | Molecular and Functional Noninvasive Immune Monitoring in the ESCAPE Study for Prediction of Subclinical Renal Allograft Rejection. <i>Transplantation</i> , 2017, 101, 1400-1409. | 0.5 | 43 |
| 39 | LC-SRM-Based Targeted Quantification of Urinary Protein Biomarkers. <i>Methods in Molecular Biology</i> , 2017, 1788, 145-156. | 0.4 | 4 |
| 40 | 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> , 2017, 1788, 11-21. | 0.4 | 1 |
| 41 | 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. | 0.8 | 11 |
| 42 | Optimization for Peptide Sample Preparation for Urine Peptidomics. <i>Methods in Molecular Biology</i> , 2017, 1788, 63-72. | 0.4 | 5 |
| 43 | 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. | 2.2 | 52 |
| 44 | Assessment of Circulating Protein Signatures for Kidney Transplantation in Pediatric Recipients. <i>Frontiers in Medicine</i> , 2017, 4, 80. | 1.2 | 9 |
| 45 | A Comprehensive Analysis of the Current Status and Unmet Needs in Kidney Transplantation in Southeast Asia. <i>Frontiers in Medicine</i> , 2017, 4, 84. | 1.2 | 25 |
| 46 | Expression of Mitochondrial-Encoded Genes in Blood Differentiate Acute Renal Allograft Rejection. <i>Frontiers in Medicine</i> , 2017, 4, 185. | 1.2 | 7 |
| 47 | Immune Monitoring in Kidney Transplantation. , 2017, , 403-417. | | 0 |
| 48 | Transplantomics. <i>Transplantation</i> , 2017, 101, 1777-1782. | 0.5 | 16 |
| 49 | Unraveling the Role of Allo-Antibodies and Transplant Injury. <i>Frontiers in Immunology</i> , 2016, 7, 432. | 2.2 | 15 |
| 50 | Advances in diagnostics for transplant rejection. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 1121-1132. | 1.5 | 36 |
| 51 | Self-antigens and rejection. <i>Current Opinion in Organ Transplantation</i> , 2016, 21, 362-367. | 0.8 | 8 |
| 52 | Fingerprints of transplant tolerance suggest opportunities for immunosuppression minimization. <i>Clinical Biochemistry</i> , 2016, 49, 404-410. | 0.8 | 20 |
| 53 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 4.3 | 4,701 |
| 54 | Mining the human urine proteome for monitoring renal transplant injury. <i>Kidney International</i> , 2016, 89, 1244-1252. | 2.6 | 80 |

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|----|---|-----|-----------|
| 55 | Non-HLA Antibodies in Clinical Transplantation. <i>Clinical Transplants</i> , 2016, 32, 45-61. | 0.2 | 3 |
| 56 | Transcriptional Perturbations in Graft Rejection. <i>Transplantation</i> , 2015, 99, 1882-1893. | 0.5 | 33 |
| 57 | Computational Models for Transplant Biomarker Discovery. <i>Frontiers in Immunology</i> , 2015, 6, 458. | 2.2 | 11 |
| 58 | A Three-Gene Assay for Monitoring Immune Quiescence in Kidney Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2042-2053. | 3.0 | 45 |
| 59 | Mapping Novel Immunogenic Epitopes in IgA Nephropathy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 372-381. | 2.2 | 4 |
| 60 | Antibody-Mediated Rejection in Pediatric Kidney Transplantation: Pathophysiology, Diagnosis, and Management. <i>Drugs</i> , 2015, 75, 455-472. | 4.9 | 10 |
| 61 | Endothelial Cell Antibodies Associated with Novel Targets and Increased Rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1161-1171. | 3.0 | 109 |
| 62 | A Computational Gene Expression Score for Predicting Immune Injury in Renal Allografts. <i>PLoS ONE</i> , 2015, 10, e0138133. | 1.1 | 33 |
| 63 | Circulating CD40 autoantibody and suPAR synergy drives glomerular injury. <i>Annals of Translational Medicine</i> , 2015, 3, 300. | 0.7 | 11 |
| 64 | 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. | 3.9 | 153 |
| 65 | A circulating antibody panel for pretransplant prediction of FSGS recurrence after kidney transplantation. <i>Science Translational Medicine</i> , 2014, 6, 256ra136. | 5.8 | 172 |
| 66 | Optimization for peptide sample preparation for urine peptidomics. <i>Clinical Proteomics</i> , 2014, 11, 7. | 1.1 | 33 |
| 67 | 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, 621-631. | 2.5 | 73 |
| 68 | Perturbations in the Urinary Exosome in Transplant Rejection. <i>Frontiers in Medicine</i> , 2014, 1, 57. | 1.2 | 43 |
| 69 | Immune response profiling identifies autoantibodies specific to Moyamoya patients. <i>Orphanet Journal of Rare Diseases</i> , 2013, 8, 45. | 1.2 | 31 |
| 70 | Moving beyond HLA: A review of nHLA antibodies in organ transplantation. <i>Human Immunology</i> , 2013, 74, 1486-1490. | 1.2 | 35 |
| 71 | 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, 2205-2221. | 4.2 | 201 |
| 72 | The Clinical Impact of Humoral Immunity in Pediatric Renal Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 655-664. | 3.0 | 56 |

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|----|--|-----|-----------|
| 73 | A Rapid Noninvasive Assay for the Detection of Renal Transplant Injury. <i>Transplantation</i> , 2013, 96, 97-101. | 0.5 | 106 |
| 74 | Identification of Common Blood Gene Signatures for the Diagnosis of Renal and Cardiac Acute Allograft Rejection. <i>PLoS ONE</i> , 2013, 8, e82153. | 1.1 | 29 |
| 75 | The pits and pearls in translating operational tolerance biomarkers into clinical practice. <i>Current Opinion in Organ Transplantation</i> , 2012, 17, 655-662. | 0.8 | 12 |
| 76 | 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, 750-763. | 3.0 | 87 |
| 77 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 4.3 | 3,122 |
| 78 | Protein and peptide biomarkers in organ transplantation. <i>Biomarkers in Medicine</i> , 2012, 6, 259-271. | 0.6 | 20 |
| 79 | Biomarkers in solid organ transplantation: establishing personalized transplantation medicine. <i>Genome Medicine</i> , 2011, 3, 37. | 3.6 | 71 |
| 80 | Recent advances in biomarker discovery in solid organ transplant by proteomics. <i>Expert Review of Proteomics</i> , 2011, 8, 705-715. | 1.3 | 24 |
| 81 | Functional proteogenomics—Embracing complexity. <i>Seminars in Immunology</i> , 2011, 23, 235-251. | 2.7 | 23 |
| 82 | Phenotypic Evaluation of B-Cell Subsets After Rituximab for Treatment of Acute Renal Allograft Rejection in Pediatric Recipients. <i>Transplantation</i> , 2011, 91, 1010-1018. | 0.5 | 35 |
| 83 | Profiling the proteome in renal transplantation. <i>Proteomics - Clinical Applications</i> , 2011, 5, 269-280. | 0.8 | 30 |
| 84 | Profiling of Autoantibodies in IgA Nephropathy, an Integrative Antibiotics Approach. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 2775-2784. | 2.2 | 11 |
| 85 | Progressive histological damage in renal allografts is associated with expression of innate and adaptive immunity genes. <i>Kidney International</i> , 2011, 80, 1364-1376. | 2.6 | 96 |
| 86 | Monitoring Calcineurin Inhibitor Therapy: Localizing the Moving Target. <i>Transplantation</i> , 2010, 89, 1308-1309. | 0.5 | 7 |
| 87 | Compartmental Localization and Clinical Relevance of MICA Antibodies After Renal Transplantation. <i>Transplantation</i> , 2010, 89, 312-319. | 0.5 | 32 |
| 88 | Efficacy and Safety of Thymoglobulin Induction as an Alternative Approach for Steroid-Free Maintenance Immunosuppression in Pediatric Renal Transplantation. <i>Transplantation</i> , 2010, 90, 1516-1520. | 0.5 | 36 |
| 89 | The yin and yang of B cells in graft rejection and tolerance. <i>Transplantation Reviews</i> , 2010, 24, 67-78. | 1.2 | 51 |
| 90 | Shotgun proteomics identifies proteins specific for acute renal transplant rejection. <i>Proteomics - Clinical Applications</i> , 2010, 4, 32-47. | 0.8 | 105 |

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|-----|--|------|-----------|
| 91 | Cell type-specific gene expression differences in complex tissues. <i>Nature Methods</i> , 2010, 7, 287-289. | 9.0 | 460 |
| 92 | Standardizing resistive indices in healthy pediatric transplant recipients of adult-sized kidneys. <i>Pediatric Transplantation</i> , 2010, 14, 126-131. | 0.5 | 16 |
| 93 | 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. | 1.5 | 72 |
| 94 | Integrative Urinary Peptidomics in Renal Transplantation Identifies Biomarkers for Acute Rejection. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 646-653. | 3.0 | 122 |
| 95 | Differential Immunogenicity and Clinical Relevance of Kidney Compartment Specific Antigens after Renal Transplantation. <i>Journal of Proteome Research</i> , 2010, 9, 6715-6721. | 1.8 | 24 |
| 96 | 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, 1839-1851. | 3.0 | 121 |
| 97 | Calcineurin Inhibitor Nephrotoxicity. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2009, 4, 481-508. | 2.2 | 1,178 |
| 98 | Deconvoluting the omics™ for organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2009, 14, 544-551. | 0.8 | 28 |
| 99 | Shotgun Proteomics Identifies Protein Biomarkers Specific for Acute Renal Transplant Rejection. <i>FASEB Journal</i> , 2009, 23, LB239. | 0.2 | 0 |
| 100 | Optimizing protein recovery for urinary proteomics, a tool to monitor renal transplantation. <i>Clinical Transplantation</i> , 2008, 22, 617-623. | 0.8 | 30 |
| 101 | The proteogenomic path towards biomarker discovery. <i>Pediatric Transplantation</i> , 2008, 12, 737-747. | 0.5 | 47 |
| 102 | Interference of globin genes with biomarker discovery for allograft rejection in peripheral blood samples. <i>Physiological Genomics</i> , 2008, 32, 190-197. | 1.0 | 43 |
| 103 | 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, 15448-15453. | 3.3 | 332 |
| 104 | Acute Renal Failure Management in the Neonate. <i>NeoReviews</i> , 2005, 6, e369-e376. | 0.4 | 8 |
| 105 | Molecular Heterogeneity in Acute Renal Allograft Rejection Identified by DNA Microarray Profiling. <i>New England Journal of Medicine</i> , 2003, 349, 125-138. | 13.9 | 673 |
| 106 | Continued superior outcomes with modification and lengthened follow-up of a steroid-avoidance pilot with extended daclizumab induction in pediatric renal transplantation ¹ . <i>Transplantation</i> , 2003, 76, 1331-1339. | 0.5 | 213 |
| 107 | Sodium ferric gluconate therapy in renal transplant and renal failure patients. <i>Pediatric Nephrology</i> , 2000, 15, 171-175. | 0.9 | 20 |