Urban Sester

List of Publications by Year
in descending order

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Version: 2024-02-01

95 papers	5,025 citations	71102 41 h-index	95266 68 g-index
100 all docs	100 docs citations	100 times ranked	6932 citing authors

#	Article	IF	Citations
1	Immunogenicity and reactogenicity of heterologous ChAdOx1 nCoV-19/mRNA vaccination. Nature Medicine, 2021, 27, 1530-1535.	30.7	276
2	Abnormal High-Density Lipoprotein Induces Endothelial Dysfunction via Activation of Toll-like Receptor-2. Immunity, 2013, 38, 754-768.	14.3	261
3	LEVELS OF VIRUS-SPECIFIC CD4 T CELLS CORRELATE WITH CYTOMEGALOVIRUS CONTROL AND PREDICT VIRUS-INDUCED DISEASE AFTER RENAL TRANSPLANTATION1. Transplantation, 2001, 71, 1287-1294.	1.0	217
4	The risk of tuberculosis in transplant candidates and recipients: a TBNET consensus statement. European Respiratory Journal, 2012, 40, 990-1013.	6.7	211
5	Impaired cellular immune function in patients with end-stage renal failure. Nephrology Dialysis Transplantation, 1999, 14, 2807-2810.	0.7	180
6	Apolipoprotein C3 induces inflammation and organ damage by alternative inflammasome activation. Nature Immunology, 2020, 21, 30-41.	14.5	169
7	PD-1 Expression and IL-2 Loss of Cytomegalovirus- Specific T Cells Correlates with Viremia and Reversible Functional Anergy. American Journal of Transplantation, 2008, 8, 1486-1497.	4.7	145
8	Tâ€cell activation follows Th1 rather than Th2 pattern in haemodialysis patients. Nephrology Dialysis Transplantation, 2000, 15, 1217-1223.	0.7	144
9	Molecular aspects of T â€“ and B-cell function in uremia. Kidney International, 2001, 59, S206-S211.	5.2	142
10	Differences in CMV-Specific T-Cell Levels and Long-Term Susceptibility to CMV Infection after Kidney, Heart and Lung Transplantation. American Journal of Transplantation, 2005, 5, 1483-1489.	4.7	140
11	Anti-inflammatory interleukin-10 genotype protects dialysis patients from cardiovascular events. Kidney International, 2002, 62, 949-955.	5.2	128
12	Cellular immunity predominates over humoral immunity after homologous and heterologous mRNA and vector-based COVID-19 vaccine regimens in solid organ transplant recipients. American Journal of Transplantation, 2021, 21, 3990-4002.	4.7	124
13	Whole-Blood Flow-Cytometric Analysis of Antigen-Specific CD4 T-Cell Cytokine Profiles Distinguishes Active Tuberculosis from Non-Active States. PLoS ONE, 2011, 6, e17813.	2.5	109
14	Sustained High Frequencies of Specific CD4 T Cells Restricted to a Single Persistent Virus. Journal of Virology, 2002, 76, 3748-3755.	3.4	107
15	Evaluation of Use of Epstein-Barr Viral Load in Patients after Allogeneic Stem Cell Transplantation To Diagnose and Monitor Posttransplant Lymphoproliferative Disease. Journal of Clinical Microbiology, 2002, 40, 351-358.	3.9	104
16	Cytomegalovirus-specific T-cell responses and viral replication in kidney transplant recipients. Journal of Translational Medicine, 2008, 6, 29.	4.4	103
17	Dominance of Virus-Specific CD8 T Cells in Human Primary Cytomegalovirus Infection. Journal of the American Society of Nephrology: JASN, 2002, 13, 2577-2584.	6.1	101
18	High levels of SARS-CoV-2â€“specific T cells with restricted functionality in severe courses of COVID-19. JCI Insight, 2020, 5, .	5.0	97

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19	Defective expression of B7-2 (CD86) on monocytes of dialysis patients correlates to the uremia-associated immune defect. Kidney International, 2001, 59, 1382-1389.	5.2	94
20	Tuberculin skin testing underestimates a high prevalence of latent tuberculosis infection in hemodialysis patients. Kidney International, 2004, 65, 1826-1834.	5.2	93
21	Costimulation induced phosphorylation of L-plastin facilitates surface transport of the T cell activation molecules CD69 and CD25. European Journal of Immunology, 2007, 37, 649-662.	2.9	89
22	Cofilin peptide homologs interfere with immunological synapse formation and T cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1957-1962.	7.1	86
23	Molecular aspects of T- and B-cell function in uremia. Kidney International, 2001, 59, 206-211.	5.2	75
24	Levels of CMV Specific CD4 T Cells Are Dynamic and Correlate with CMV Viremia after Allogeneic Stem Cell Transplantation. PLoS ONE, 2008, 3, e3634.	2.5	75
25	Humoral immune responses of lung cancer patients against tumor antigen NY-ESO-1. Cancer Letters, 2006, 236, 64-71.	7.2	71
26	BK Polyomavirus-Specific Cellular Immune Responses Are Age-Dependent and Strongly Correlate With Phases of Virus Replication. American Journal of Transplantation, 2014, 14, 1334-1345.	4.7	65
27	Initiation of hemodialysis treatment leads to improvement of T-cell activation in patients with end-stage renal disease. American Journal of Kidney Diseases, 2000, 35, 611-616.	1.9	64
28	Transforming growth factor Î²1 genotype polymorphisms determine AV fistula patency in hemodialysis patients. Kidney International, 2003, 64, 1101-1107.	5.2	62
29	Altered Phenotype and Functionality of Varicella Zoster Virusâ€“Specific Cellular Immunity in Individuals With Active Infection. Journal of Infectious Diseases, 2015, 211, 600-612.	4.0	62
30	Prospective crossover trial of the influence of vitamin Eâ€“coated dialyzer membranes on T-cell activation and cytokine induction. American Journal of Kidney Diseases, 2000, 35, 95-104.	1.9	59
31	The interleukin-10 promoter genotype determines clinical immune function in hemodialysis patients. Kidney International, 2001, 60, 2385-2391.	5.2	58
32	Is the cytomegalovirus serologic status always accurate? A comparative analysis of humoral and cellular immunity1. Transplantation, 2003, 76, 1229-1231.	1.0	58
33	Ageâ€Related Decrease in Adenovirusâ€Specific T Cell Responses. Journal of Infectious Diseases, 2002, 185, 1379-1387.	4.0	56
34	Efficacy and safety of tacrolimus compared with ciclosporin A in renal transplantation: three-year observational results. Nephrology Dialysis Transplantation, 2008, 23, 2386-2392.	0.7	55
35	Monocyte-derived dendritic cells of patients with coronary artery disease show an increased expression of costimulatory molecules CD40, CD80 and CD86 in vitro. Coronary Artery Disease, 2007, 18, 523-531.	0.7	53
36	Naturally occurring T-cell response against mutated p21 ras oncoprotein in pancreatic cancer.. Clinical Cancer Research, 2006, 12, 1365-1372.	7.0	50

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37	Vaccination of the solid organ transplant recipient. Transplantation Reviews, 2008, 22, 274-284.	2.9	47
38	Improved efficiency in detecting cellular immunity towards M. tuberculosis in patients receiving immunosuppressive drug therapy. Nephrology Dialysis Transplantation, 2006, 21, 3258-3268.	0.7	46
39	Impaired detection of Mycobacterium tuberculosis immunity in patients using high levels of immunosuppressive drugs. European Respiratory Journal, 2009, 34, 702-710.	6.7	45
40	The fraction of perforin-expressing HIV-specific CD8 T cells is a marker for disease progression in HIV infection. Aids, 2002, 16, 1497-1501.	2.2	44
41	T-cell Numbers and Antigen-specific T-cell Function Follow Different Circadian Rhythms. Journal of Clinical Immunology, 2012, 32, 1381-1389.	3.8	43
42	Differential kinetics of effector and regulatory T cells in patients on calcineurin inhibitorâ€“based drug regimens. Kidney International, 2009, 76, 557-566.	5.2	41
43	No Correlation in Epstein-Barr Virus Reactivation Between Serological Parameters and Viral Load. Journal of Clinical Microbiology, 2000, 38, 2458-2458.	3.9	38
44	Uremia-associated immune defect: The IL-10â€“CRP axis. Kidney International, 2003, 63, S76-S79.	5.2	37
45	Quantitative, Phenotypical, and Functional Characterization of Cellular Immunity in Children and Adolescents With Down Syndrome. Journal of Infectious Diseases, 2017, 215, 1619-1628.	4.0	37
46	GLUCOCORTICOIDS INHIBIT ACTIVATION-DEPENDENT EXPRESSION OF COSTIMULATORY MOLECULE B7-1 IN HUMAN MONOCYTES1. Transplantation, 1998, 66, 370-375.	1.0	36
47	<scp>CD</scp>4⁺<scp>T</scp>â€cell immunity after pandemic influenza vaccination crossâ€reacts with seasonal antigens and functionally differs from active influenza infection. European Journal of Immunology, 2012, 42, 1755-1766.	2.9	31
48	Rapid whole blood analysis of virus-specific CD4 and CD8 T cell responses in persistent HIV infection. Aids, 2000, 14, 2653-2660.	2.2	28
49	Blockade of programmed death receptorâ€1 signaling restores expression of mostly proinflammatory cytokines in anergic cytomegalovirusâ€specific T cells. Transplant Infectious Disease, 2013, 15, 79-89.	1.7	28
50	PD-1 Analysis on CD28â^'CD27â^' CD4 T Cells Allows Stimulation-Independent Assessment of CMV Viremic Episodes in Transplant Recipients. American Journal of Transplantation, 2013, 13, 3132-3141.	4.7	26
51	Acanthocytes in the Urine: Useful tool to differentiate diabetic nephropathy from glomerulonephritis?. Diabetes Care, 2004, 27, 190-194.	8.6	25
52	Comparative Analysis of Assays for Detection of Cell-Mediated Immunity Toward Cytomegalovirus and M. tuberculosis in Samples From Deceased Organ Donors. American Journal of Transplantation, 2014, 14, 2159-2167.	4.7	25
53	Antigen-Specific CD4 T Cells Are Induced after Intravesical BCG-Instillation Therapy in Patients with Bladder Cancer and Show Similar Cytokine Profiles as in Active Tuberculosis. PLoS ONE, 2013, 8, e69892.	2.5	23
54	Selective sequestration of cytokine-producing monocytes during hemodialysis treatment. American Journal of Kidney Diseases, 2001, 37, 954-963.	1.9	22

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55	No rise in renal Doppler resistance indices at peak serum levels of cyclosporin A in stable kidney transplant patients. Nephrology Dialysis Transplantation, 2003, 18, 1639-1643.	0.7	22
56	A shift in the Th1/Th2 ratio accompanies the clinical remission of systemic lupus erythematosus in patients with end-stage renal disease. Nephrology Dialysis Transplantation, 2002, 17, 1790-1794.	0.7	21
57	Cytomegalovirusâ€specific <scp>T</scp> cells are detectable in early childhood and allow assignment of the infection status in children with passive maternal antibodies. European Journal of Immunology, 2013, 43, 1099-1108.	2.9	21
58	Serial influenza-vaccination reveals impaired maintenance of specific T-cell memory in patients with end-stage renal failure. Vaccine, 2013, 31, 4111-4120.	3.8	20
59	Cytomegalovirus-specific T-cell immunity to assign the infection status in individuals with passive immunity: A proof of principle. Journal of Clinical Virology, 2012, 54, 272-275.	3.1	19
60	Quantity, quality, and functionality of peripheral blood cells derived from residual blood of different apheresis kits. Transfusion, 2018, 58, 1516-1526.	1.6	19
61	Efficacy and safety of tacrolimus compared with ciclosporin-A in renal transplantation: 7-year observational results. Transplant International, 2016, 29, 307-314.	1.6	17
62	Calcineurin inhibitors differentially alter the circadian rhythm of T-cell functionality in transplant recipients. Journal of Translational Medicine, 2015, 13, 51.	4.4	16
63	A multicenter, randomized, open-labeled study to steer immunosuppressive and antiviral therapy by measurement of virus (CMV, ADV, HSV)-specific T cells in addition to determination of trough levels of immunosuppressants in pediatric kidney allograft recipients (IVIST01-trial): study protocol for a randomized controlled trial. Trials, 2014, 15, 324.	1.6	14
64	Superior Sensitivity of Ex Vivo IFN-Î³ Release Assays as Compared to Skin Testing in Immunocompromised Patients. American Journal of Transplantation, 2015, 15, 2616-2624.	4.7	14
65	High-urgency kidney transplantation in the Eurotransplant Kidney Allocation System: success or waste of organs? The Eurotransplant 15-year all-centre survey. Nephrology Dialysis Transplantation, 2016, 31, 1515-1522.	0.7	14
66	Repeated kidney reâ€transplantationâ€"the Eurotransplant experience: a retrospective multicenter outcome analysis. Transplant International, 2020, 33, 617-631.	1.6	14
67	CTLAâ€4â€expression on VZVâ€specific T cells in CSF and blood is specifically increased in patients with VZV related central nervous system infections. European Journal of Immunology, 2018, 48, 151-160.	2.9	13
68	Antigen-specific T cell responses: Determination of their frequencies, homing properties, and effector functions in human whole blood. Methods, 2006, 38, 77-83.	3.8	12
69	Maintenance of HIV-Specific Central and Effector Memory CD4 and CD8 T Cells Requires Antigen Persistence. AIDS Research and Human Retroviruses, 2007, 23, 549-553.	1.1	12
70	Ras/PI3Kinase/cofilinâ€independent activation of human CD45RA⁺ and CD45RO⁺ T cells by superagonistic CD28 stimulation. European Journal of Immunology, 2007, 37, 2881-2891.	2.9	12
71	BK Polyomavirus-specific T Cells as a Diagnostic and Prognostic Marker for BK Polyomavirus Infections After Pediatric Kidney Transplantation. Transplantation, 2020, 104, 2393-2402.	1.0	11
72	Successful outcome of kidney transplantation from a HBV-DNA positive donor into recipients with cleared HBV-infection using a pre-emptive therapy approach. Journal of Clinical Virology, 2010, 49, 53-57.	3.1	10

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73	Differentiation of Monocyte Derived Dendritic Cells in End Stage Renal Disease is Skewed Towards Accelerated Maturation. Advances in Clinical and Experimental Medicine, 2015, 24, 257-266.	1.4	10
74	Calcium homeostasis in red blood cells of dialysis patients in dependence of erythropoietin treatment. Frontiers in Physiology, 2014, 5, 16.	2.8	9
75	Risk of Occupational Human Herpesvirus 8 Infection for Health Care Workers. Journal of Clinical Microbiology, 2003, 41, 2156-2157.	3.9	8
76	Estimation of Human Herpesvirus 8 Prevalence in High-Risk Patients by Analysis of Humoral and Cellular Immunity. Transplantation, 2007, 84, 40-45.	1.0	8
77	Massive monoclonal expansion of CD4 T-cells specific for aMycobacterium tuberculosisESAT-6 peptide. European Respiratory Journal, 2012, 40, 152-160.	6.7	8
78	Donorâ€specific alloreactive T cells can be quantified from whole blood, and may predict cellular rejection after renal transplantation. European Journal of Immunology, 2017, 47, 1220-1231.	2.9	8
79	VZV-specific T-cell levels in patients with rheumatic diseases are reduced and differentially influenced by antirheumatic drugs. Arthritis Research and Therapy, 2018, 20, 252.	3.5	8
80	Management of tuberculosis in HIV infection: where T-cells matter. European Respiratory Journal, 2010, 35, 475-476.	6.7	7
81	Kidney Transplantation After Rescue Allocationâ€"the Eurotransplant Experience: A Retrospective Multicenter Outcome Analysis. Transplantation, 2022, 106, 1215-1226.	1.0	7
82	Rapid Identification of Preformed Alloreactive T Cells for Use in a Clinical Setting. Transplantation, 2004, 78, 607-614.	1.0	6
83	Kidney Transplantation From a Deceased Donor With Anuric Acute Kidney Injury Caused by Rhabdomyolysis. Transplantation, 2014, 98, e87-e88.	1.0	5
84	Immune-based guidance of foscarnet treatment duration in a transplant recipient with ganciclovir-resistant cytomegalovirus infection. Journal of Clinical Virology, 2016, 82, 5-8.	3.1	5
85	Robust method for isolation of tumor infiltrating lymphocytes with a high vital cell yield from small samples of renal cell carcinomas by a new collagenase-free mechanical procedure. Urologic Oncology: Seminars and Original Investigations, 2018, 36, 402.e1-402.e10.	1.6	5
86	An acute psychotic disorder caused by pefloxacin: A case report. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1996, 20, 343-347.	4.8	4
87	Rapid reconstitution of <scp>CMV</scp>â€specific Tâ€cells after stemâ€cell transplantation. European Journal of Haematology, 2018, 101, 38-47.	2.2	4
88	Should We Perform Old-For-Old Kidney Transplantation during the COVID-19 Pandemic? The Risk for Post-Operative Intensive Stay. Journal of Clinical Medicine, 2020, 9, 1835.	2.4	3
89	IgA Nephropathy. New England Journal of Medicine, 2003, 348, 79-81.	27.0	2
90	Alloreactive T Cells to Identify Risk HLA Alleles for Retransplantation After Acute Accelerated Steroid-Resistant Rejection. Transplantation Proceedings, 2015, 47, 2425-2432.	0.6	2

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91	Letter to the Editor regarding Dounousi E et al. Intact <scp>FGF</scp>23 and Î±â€Klotho during acute inflammation/sepsis in <scp>CKD</scp> patients. European Journal of Clinical Investigation, 2017, 47, 468-469.	3.4	2
92	Assay for improved detection of antigenâ€specific immune cells from extrasanguinous fluids. European Journal of Immunology, 2018, 48, 1412-1414.	2.9	2
93	Pathogen prevalence may determine maintenance of antigen-specific T-cell responses in HIV-infected individuals. Aids, 2012, 26, 695-700.	2.2	1
94	A Polyclonal Immune Function Assay Allows Dose-Dependent Characterization of Immunosuppressive Drug Effects but Has Limited Clinical Utility for Predicting Infection on an Individual Basis. Frontiers in Immunology, 2020, 11, 916.	4.8	1
95	Monitoring of CMV-specific T-cell levels after organ transplantation / Monitoring CMV-spezifischer T-Zellen nach Organtransplantation. Laboratoriums Medizin, 2008, 32, 121-130.	0.6	0