

Urban Sester

List of Publications by Year in descending order

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95
papers

5,025
citations

71061

41
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95218

68
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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. <i>Nature Medicine</i> , 2021, 27, 1530-1535.	15.2	276
2	Abnormal High-Density Lipoprotein Induces Endothelial Dysfunction via Activation of Toll-like Receptor-2. <i>Immunity</i> , 2013, 38, 754-768.	6.6	261
3	LEVELS OF VIRUS-SPECIFIC CD4 T CELLS CORRELATE WITH CYTOMEGALOVIRUS CONTROL AND PREDICT VIRUS-INDUCED DISEASE AFTER RENAL TRANSPLANTATION1. <i>Transplantation</i> , 2001, 71, 1287-1294.	0.5	217
4	The risk of tuberculosis in transplant candidates and recipients: a TBNET consensus statement. <i>European Respiratory Journal</i> , 2012, 40, 990-1013.	3.1	211
5	Impaired cellular immune function in patients with end-stage renal failure. <i>Nephrology Dialysis Transplantation</i> , 1999, 14, 2807-2810.	0.4	180
6	Apolipoprotein C3 induces inflammation and organ damage by alternative inflammasome activation. <i>Nature Immunology</i> , 2020, 21, 30-41.	7.0	169
7	PD-1 Expression and IL-2 Loss of Cytomegalovirus- Specific T Cells Correlates with Viremia and Reversible Functional Anergy. <i>American Journal of Transplantation</i> , 2008, 8, 1486-1497.	2.6	145
8	Tâ€œcell activation follows Th1 rather than Th2 pattern in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2000, 15, 1217-1223.	0.4	144
9	Molecular aspects of T â€œ and B-cell function in uremia. <i>Kidney International</i> , 2001, 59, S206-S211.	2.6	142
10	Differences in CMV-Specific T-Cell Levels and Long-Term Susceptibility to CMV Infection after Kidney, Heart and Lung Transplantation. <i>American Journal of Transplantation</i> , 2005, 5, 1483-1489.	2.6	140
11	Anti-inflammatory interleukin-10 genotype protects dialysis patients from cardiovascular events. <i>Kidney International</i> , 2002, 62, 949-955.	2.6	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. <i>American Journal of Transplantation</i> , 2021, 21, 3990-4002.	2.6	124
13	Whole-Blood Flow-Cytometric Analysis of Antigen-Specific CD4 T-Cell Cytokine Profiles Distinguishes Active Tuberculosis from Non-Active States. <i>PLoS ONE</i> , 2011, 6, e17813.	1.1	109
14	Sustained High Frequencies of Specific CD4 T Cells Restricted to a Single Persistent Virus. <i>Journal of Virology</i> , 2002, 76, 3748-3755.	1.5	107
15	Evaluation of Use of Epstein-Barr Viral Load in Patients after Allogeneic Stem Cell Transplantation To Diagnose and Monitor Posttransplant Lymphoproliferative Disease. <i>Journal of Clinical Microbiology</i> , 2002, 40, 351-358.	1.8	104
16	Cytomegalovirus-specific T-cell responses and viral replication in kidney transplant recipients. <i>Journal of Translational Medicine</i> , 2008, 6, 29.	1.8	103
17	Dominance of Virus-Specific CD8 T Cells in Human Primary Cytomegalovirus Infection. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 2577-2584.	3.0	101
18	High levels of SARS-CoV-2â€œspecific T cells with restricted functionality in severe courses of COVID-19. <i>JCI Insight</i> , 2020, 5, .	2.3	97

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19	Defective expression of B7-2 (CD86) on monocytes of dialysis patients correlates to the uremia-associated immune defect. <i>Kidney International</i> , 2001, 59, 1382-1389.	2.6	94
20	Tuberculin skin testing underestimates a high prevalence of latent tuberculosis infection in hemodialysis patients. <i>Kidney International</i> , 2004, 65, 1826-1834.	2.6	93
21	Costimulation induced phosphorylation of L-plastin facilitates surface transport of the T cell activation molecules CD69 and CD25. <i>European Journal of Immunology</i> , 2007, 37, 649-662.	1.6	89
22	Cofilin peptide homologs interfere with immunological synapse formation and T cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1957-1962.	3.3	86
23	Molecular aspects of T- and B-cell function in uremia. <i>Kidney International</i> , 2001, 59, 206-211.	2.6	75
24	Levels of CMV Specific CD4 T Cells Are Dynamic and Correlate with CMV Viremia after Allogeneic Stem Cell Transplantation. <i>PLoS ONE</i> , 2008, 3, e3634.	1.1	75
25	Humoral immune responses of lung cancer patients against tumor antigen NY-ESO-1. <i>Cancer Letters</i> , 2006, 236, 64-71.	3.2	71
26	BK Polyomavirus-Specific Cellular Immune Responses Are Age-Dependent and Strongly Correlate With Phases of Virus Replication. <i>American Journal of Transplantation</i> , 2014, 14, 1334-1345.	2.6	65
27	Initiation of hemodialysis treatment leads to improvement of T-cell activation in patients with end-stage renal disease. <i>American Journal of Kidney Diseases</i> , 2000, 35, 611-616.	2.1	64
28	Transforming growth factor β 1 genotype polymorphisms determine AV fistula patency in hemodialysis patients. <i>Kidney International</i> , 2003, 64, 1101-1107.	2.6	62
29	Altered Phenotype and Functionality of Varicella Zoster Virus-Specific Cellular Immunity in Individuals With Active Infection. <i>Journal of Infectious Diseases</i> , 2015, 211, 600-612.	1.9	62
30	Prospective crossover trial of the influence of vitamin E-coated dialyzer membranes on T-cell activation and cytokine induction. <i>American Journal of Kidney Diseases</i> , 2000, 35, 95-104.	2.1	59
31	The interleukin-10 promoter genotype determines clinical immune function in hemodialysis patients. <i>Kidney International</i> , 2001, 60, 2385-2391.	2.6	58
32	Is the cytomegalovirus serologic status always accurate? A comparative analysis of humoral and cellular immunity. <i>Transplantation</i> , 2003, 76, 1229-1231.	0.5	58
33	Age-Related Decrease in Adenovirus-Specific T Cell Responses. <i>Journal of Infectious Diseases</i> , 2002, 185, 1379-1387.	1.9	56
34	Efficacy and safety of tacrolimus compared with ciclosporin A in renal transplantation: three-year observational results. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 2386-2392.	0.4	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. <i>Coronary Artery Disease</i> , 2007, 18, 523-531.	0.3	53
36	Naturally occurring T-cell response against mutated p21 ras oncoprotein in pancreatic cancer. <i>Clinical Cancer Research</i> , 2006, 12, 1365-1372.	3.2	50

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37	Vaccination of the solid organ transplant recipient. <i>Transplantation Reviews</i> , 2008, 22, 274-284.	1.2	47
38	Improved efficiency in detecting cellular immunity towards M. tuberculosis in patients receiving immunosuppressive drug therapy. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 3258-3268.	0.4	46
39	Impaired detection of Mycobacterium tuberculosis immunity in patients using high levels of immunosuppressive drugs. <i>European Respiratory Journal</i> , 2009, 34, 702-710.	3.1	45
40	The fraction of perforin-expressing HIV-specific CD8 T cells is a marker for disease progression in HIV infection. <i>Aids</i> , 2002, 16, 1497-1501.	1.0	44
41	T-cell Numbers and Antigen-specific T-cell Function Follow Different Circadian Rhythms. <i>Journal of Clinical Immunology</i> , 2012, 32, 1381-1389.	2.0	43
42	Differential kinetics of effector and regulatory T cells in patients on calcineurin inhibitor-based drug regimens. <i>Kidney International</i> , 2009, 76, 557-566.	2.6	41
43	No Correlation in Epstein-Barr Virus Reactivation Between Serological Parameters and Viral Load. <i>Journal of Clinical Microbiology</i> , 2000, 38, 2458-2458.	1.8	38
44	Uremia-associated immune defect: The IL-10-CRP axis. <i>Kidney International</i> , 2003, 63, S76-S79.	2.6	37
45	Quantitative, Phenotypical, and Functional Characterization of Cellular Immunity in Children and Adolescents With Down Syndrome. <i>Journal of Infectious Diseases</i> , 2017, 215, 1619-1628.	1.9	37
46	GLUCOCORTICOIDS INHIBIT ACTIVATION-DEPENDENT EXPRESSION OF COSTIMULATORY MOLECULE B7-1 IN HUMAN MONOCYTES1. <i>Transplantation</i> , 1998, 66, 370-375.	0.5	36
47	CD4 ⁺ T-cell immunity after pandemic influenza vaccination cross-reacts with seasonal antigens and functionally differs from active influenza infection. <i>European Journal of Immunology</i> , 2012, 42, 1755-1766.	1.6	31
48	Rapid whole blood analysis of virus-specific CD4 and CD8 T cell responses in persistent HIV infection. <i>Aids</i> , 2000, 14, 2653-2660.	1.0	28
49	Blockade of programmed death receptor-1 signaling restores expression of mostly proinflammatory cytokines in anergic cytomegalovirus-specific T cells. <i>Transplant Infectious Disease</i> , 2013, 15, 79-89.	0.7	28
50	PD-1 Analysis on CD28 ⁺ CD27 ⁺ CD4 T Cells Allows Stimulation-Independent Assessment of CMV Viremic Episodes in Transplant Recipients. <i>American Journal of Transplantation</i> , 2013, 13, 3132-3141.	2.6	26
51	Acanthocytes in the Urine: Useful tool to differentiate diabetic nephropathy from glomerulonephritis?. <i>Diabetes Care</i> , 2004, 27, 190-194.	4.3	25
52	Comparative Analysis of Assays for Detection of Cell-Mediated Immunity Toward Cytomegalovirus and M. tuberculosis in Samples From Deceased Organ Donors. <i>American Journal of Transplantation</i> , 2014, 14, 2159-2167.	2.6	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. <i>PLoS ONE</i> , 2013, 8, e69892.	1.1	23
54	Selective sequestration of cytokine-producing monocytes during hemodialysis treatment. <i>American Journal of Kidney Diseases</i> , 2001, 37, 954-963.	2.1	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. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 1639-1643.	0.4	22
56	A shift in the Th1/Th2 ratio accompanies the clinical remission of systemic lupus erythematosus in patients with end-stage renal disease. <i>Nephrology Dialysis Transplantation</i> , 2002, 17, 1790-1794.	0.4	21
57	Cytomegalovirus-specific T cells are detectable in early childhood and allow assignment of the infection status in children with passive maternal antibodies. <i>European Journal of Immunology</i> , 2013, 43, 1099-1108.	1.6	21
58	Serial influenza-vaccination reveals impaired maintenance of specific T-cell memory in patients with end-stage renal failure. <i>Vaccine</i> , 2013, 31, 4111-4120.	1.7	20
59	Cytomegalovirus-specific T-cell immunity to assign the infection status in individuals with passive immunity: A proof of principle. <i>Journal of Clinical Virology</i> , 2012, 54, 272-275.	1.6	19
60	Quantity, quality, and functionality of peripheral blood cells derived from residual blood of different apheresis kits. <i>Transfusion</i> , 2018, 58, 1516-1526.	0.8	19
61	Efficacy and safety of tacrolimus compared with ciclosporin-A in renal transplantation: 7-year observational results. <i>Transplant International</i> , 2016, 29, 307-314.	0.8	17
62	Calcineurin inhibitors differentially alter the circadian rhythm of T-cell functionality in transplant recipients. <i>Journal of Translational Medicine</i> , 2015, 13, 51.	1.8	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. <i>Trials</i> , 2014, 15, 324.	0.7	14
64	Superior Sensitivity of Ex Vivo IFN- γ Release Assays as Compared to Skin Testing in Immunocompromised Patients. <i>American Journal of Transplantation</i> , 2015, 15, 2616-2624.	2.6	14
65	High-urgency kidney transplantation in the Eurotransplant Kidney Allocation System: success or waste of organs? The Eurotransplant 15-year all-centre survey. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 1515-1522.	0.4	14
66	Repeated kidney retransplantation: the Eurotransplant experience: a retrospective multicenter outcome analysis. <i>Transplant International</i> , 2020, 33, 617-631.	0.8	14
67	CTLA-4 expression on VZV-specific T cells in CSF and blood is specifically increased in patients with VZV related central nervous system infections. <i>European Journal of Immunology</i> , 2018, 48, 151-160.	1.6	13
68	Antigen-specific T cell responses: Determination of their frequencies, homing properties, and effector functions in human whole blood. <i>Methods</i> , 2006, 38, 77-83.	1.9	12
69	Maintenance of HIV-Specific Central and Effector Memory CD4 and CD8 T Cells Requires Antigen Persistence. <i>AIDS Research and Human Retroviruses</i> , 2007, 23, 549-553.	0.5	12
70	Ras/PI3Kinase/cofilin-independent activation of human CD45RA ⁺ and CD45RO ⁺ T cells by superagonistic CD28 stimulation. <i>European Journal of Immunology</i> , 2007, 37, 2881-2891.	1.6	12
71	BK Polyomavirus-specific T Cells as a Diagnostic and Prognostic Marker for BK Polyomavirus Infections After Pediatric Kidney Transplantation. <i>Transplantation</i> , 2020, 104, 2393-2402.	0.5	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. <i>Journal of Clinical Virology</i> , 2010, 49, 53-57.	1.6	10

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73	Differentiation of Monocyte Derived Dendritic Cells in End Stage Renal Disease is Skewed Towards Accelerated Maturation. <i>Advances in Clinical and Experimental Medicine</i> , 2015, 24, 257-266.	0.6	10
74	Calcium homeostasis in red blood cells of dialysis patients in dependence of erythropoietin treatment. <i>Frontiers in Physiology</i> , 2014, 5, 16.	1.3	9
75	Risk of Occupational Human Herpesvirus 8 Infection for Health Care Workers. <i>Journal of Clinical Microbiology</i> , 2003, 41, 2156-2157.	1.8	8
76	Estimation of Human Herpesvirus 8 Prevalence in High-Risk Patients by Analysis of Humoral and Cellular Immunity. <i>Transplantation</i> , 2007, 84, 40-45.	0.5	8
77	Massive monoclonal expansion of CD4 T-cells specific for a <i>Mycobacterium tuberculosis</i> ESAT-6 peptide. <i>European Respiratory Journal</i> , 2012, 40, 152-160.	3.1	8
78	Donor-specific alloreactive T cells can be quantified from whole blood, and may predict cellular rejection after renal transplantation. <i>European Journal of Immunology</i> , 2017, 47, 1220-1231.	1.6	8
79	VZV-specific T-cell levels in patients with rheumatic diseases are reduced and differentially influenced by antirheumatic drugs. <i>Arthritis Research and Therapy</i> , 2018, 20, 252.	1.6	8
80	Management of tuberculosis in HIV infection: where T-cells matter. <i>European Respiratory Journal</i> , 2010, 35, 475-476.	3.1	7
81	Kidney Transplantation After Rescue Allocation – the Eurotransplant Experience: A Retrospective Multicenter Outcome Analysis. <i>Transplantation</i> , 2022, 106, 1215-1226.	0.5	7
82	Rapid Identification of Preformed Alloreactive T Cells for Use in a Clinical Setting. <i>Transplantation</i> , 2004, 78, 607-614.	0.5	6
83	Kidney Transplantation From a Deceased Donor With Anuric Acute Kidney Injury Caused by Rhabdomyolysis. <i>Transplantation</i> , 2014, 98, e87-e88.	0.5	5
84	Immune-based guidance of foscarnet treatment duration in a transplant recipient with ganciclovir-resistant cytomegalovirus infection. <i>Journal of Clinical Virology</i> , 2016, 82, 5-8.	1.6	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. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2018, 36, 402.e1-402.e10.	0.8	5
86	An acute psychotic disorder caused by pefloxacin: A case report. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1996, 20, 343-347.	2.5	4
87	Rapid reconstitution of CMV-specific T cells after stem cell transplantation. <i>European Journal of Haematology</i> , 2018, 101, 38-47.	1.1	4
88	Should We Perform Old-For-Old Kidney Transplantation during the COVID-19 Pandemic? The Risk for Post-Operative Intensive Stay. <i>Journal of Clinical Medicine</i> , 2020, 9, 1835.	1.0	3
89	IgA Nephropathy. <i>New England Journal of Medicine</i> , 2003, 348, 79-81.	13.9	2
90	Alloreactive T Cells to Identify Risk HLA Alleles for Retransplantation After Acute Accelerated Steroid-Resistant Rejection. <i>Transplantation Proceedings</i> , 2015, 47, 2425-2432.	0.3	2

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91	Letter to the Editor regarding Dounousi E <i>et al</i> . Intact $\text{FGF}23$ and Klotho during acute inflammation/sepsis in CKD patients. <i>European Journal of Clinical Investigation</i> , 2017, 47, 468-469.	1.7	2
92	Assay for improved detection of antigen-specific immune cells from extrasanguinous fluids. <i>European Journal of Immunology</i> , 2018, 48, 1412-1414.	1.6	2
93	Pathogen prevalence may determine maintenance of antigen-specific T-cell responses in HIV-infected individuals. <i>Aids</i> , 2012, 26, 695-700.	1.0	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. <i>Frontiers in Immunology</i> , 2020, 11, 916.	2.2	1
95	Monitoring of CMV-specific T-cell levels after organ transplantation / Monitoring CMV-spezifischer T-Zellen nach Organtransplantation. <i>Laboratoriums Medizin</i> , 2008, 32, 121-130.	0.1	0