

Maria Hernandez-Fuentes

List of Publications by Year in descending order

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77
papers

5,242
citations

136740

32
h-index

98622

67
g-index

80
all docs

80
docs citations

80
times ranked

8060
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a B cell signature associated with renal transplant tolerance in humans. <i>Journal of Clinical Investigation</i> , 2010, 120, 1836-1847.	3.9	623
2	Development of a cross-platform biomarker signature to detect renal transplant tolerance in humans. <i>Journal of Clinical Investigation</i> , 2010, 120, 1848-1861.	3.9	488
3	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011, 43, 1005-1011.	9.4	403
4	Multiparameter Immune Profiling of Operational Tolerance in Liver Transplantation. <i>American Journal of Transplantation</i> , 2007, 7, 309-319.	2.6	339
5	Regulatory cell therapy in kidney transplantation (The ONE Study): a harmonised design and analysis of seven non-randomised, single-arm, phase 1/2A trials. <i>Lancet, The</i> , 2020, 395, 1627-1639.	6.3	266
6	Meta-analysis identifies multiple loci associated with kidney function-related traits in east Asian populations. <i>Nature Genetics</i> , 2012, 44, 904-909.	9.4	254
7	Genetic loci influencing kidney function and chronic kidney disease. <i>Nature Genetics</i> , 2010, 42, 373-375.	9.4	246
8	Loss of Direct and Maintenance of Indirect Alloresponses in Renal Allograft Recipients: Implications for the Pathogenesis of Chronic Allograft Nephropathy. <i>Journal of Immunology</i> , 2001, 167, 7199-7206.	0.4	197
9	Developing in vitro expanded CD45RA ⁺ regulatory T cells as an adoptive cell therapy for Crohn's disease. <i>Gut</i> , 2016, 65, 584-594.	6.1	163
10	Allorecognition and the alloresponse: clinical implications. <i>Tissue Antigens</i> , 2007, 69, 545-556.	1.0	142
11	Significant Frequencies of T Cells With Indirect Anti-Donor Specificity in Heart Graft Recipients With Chronic Rejection. <i>Circulation</i> , 2000, 101, 2405-2410.	1.6	130
12	Immunological Outcome in Haploidentical-HSC Transplanted Patients Treated with IL-10-Anergized Donor T Cells. <i>Frontiers in Immunology</i> , 2014, 5, 16.	2.2	126
13	Immunologic Human Renal Allograft Injury Associates with an Altered IL-10/TNF- α Expression Ratio in Regulatory B Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1575-1585.	3.0	126
14	Immunologic monitoring. <i>Immunological Reviews</i> , 2003, 196, 247-264.	2.8	105
15	Biomarkers of Tolerance in Kidney Transplantation: Are We Predicting Tolerance or Response to Immunosuppressive Treatment?. <i>American Journal of Transplantation</i> , 2016, 16, 3443-3457.	2.6	92
16	Everolimus and Basiliximab Permit Suppression by Human CD4 + CD25 + Cells in vitro. <i>American Journal of Transplantation</i> , 2005, 5, 454-464.	2.6	83
17	Cross-Validation of IFN- γ Elispot Assay for Measuring Alloreactive Memory/Effector T Cell Responses in Renal Transplant Recipients. <i>American Journal of Transplantation</i> , 2013, 13, 1880-1890.	2.6	83
18	Integrative Analysis Reveals a Molecular Stratification of Systemic Autoimmune Diseases. <i>Arthritis and Rheumatology</i> , 2021, 73, 1073-1085.	2.9	81

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19	Genome-Wide Sequencing of Cellular microRNAs Identifies a Combinatorial Expression Signature Diagnostic of Sepsis. PLoS ONE, 2013, 8, e75918.	1.1	79
20	A common gene signature across multiple studies relate biomarkers and functional regulation in tolerance to renal allograft. Kidney International, 2015, 87, 984-995.	2.6	79
21	A rapid diagnostic test for human regulatory T-cell function to enable regulatory T-cell therapy. Blood, 2012, 119, e57-e66.	0.6	74
22	CD4+CD25+ Regulatory T Cells Do Not Significantly Contribute to Direct Pathway Hyporesponsiveness in Stable Renal Transplant Patients. Journal of the American Society of Nephrology: JASN, 2003, 14, 1652-1661.	3.0	71
23	IL-10-produced by human transitional B-cells down-regulates CD86 expression on B-cells leading to inhibition of CD4+T-cell responses. Scientific Reports, 2016, 6, 20044.	1.6	68
24	Promoting transplantation tolerance; adoptive regulatory T cell therapy. Clinical and Experimental Immunology, 2013, 172, 158-168.	1.1	56
25	Donor-Specific Indirect Pathway Analysis Reveals a B-Cell-Independent Signature which Reflects Outcomes in Kidney Transplant Recipients. American Journal of Transplantation, 2012, 12, 640-648.	2.6	53
26	THE ROLE OF THE ALLOGRAFT IN THE INDUCTION OF DONOR-SPECIFIC T CELL HYPORESPONSIVENESS. Transplantation, 2001, 72, 480-485.	0.5	51
27	Long- and short-term outcomes in renal allografts with deceased donors: A large recipient and donor genome-wide association study. American Journal of Transplantation, 2018, 18, 1370-1379.	2.6	47
28	An Analysis of Lymphocyte Phenotype After Steroid Avoidance With Either Alemtuzumab or Basiliximab Induction in Renal Transplantation. American Journal of Transplantation, 2012, 12, 919-931.	2.6	43
29	A 'biomarker signature' for tolerance in transplantation. Nature Reviews Nephrology, 2010, 6, 606-613.	4.1	42
30	B-lymphocytes support and regulate indirect T-cell alloreactivity in individual patients with chronic antibody-mediated rejection. Kidney International, 2015, 88, 560-568.	2.6	42
31	Genome-Wide Regulatory Analysis Reveals That T-bet Controls Th17 Lineage Differentiation through Direct Suppression of IRF4. Journal of Immunology, 2013, 191, 5925-5932.	0.4	39
32	Monitoring T-Cell Responses in Translational Studies: Optimization of Dye-Based Proliferation Assay for Evaluation of Antigen-Specific Responses. Frontiers in Immunology, 2017, 8, 1870.	2.2	37
33	Relative Resistance of Human CD4+ Memory T Cells to Suppression by CD4+CD25+ Regulatory T Cells. American Journal of Transplantation, 2011, 11, 1734-1742.	2.6	34
34	Graft dysfunction in chronic antibody-mediated rejection correlates with B-cell-dependent indirect antidonor alloresponses and autocrine regulation of interferon- γ production by Th1 cells. Kidney International, 2017, 91, 477-492.	2.6	34
35	Increased CD40 Ligation and Reduced BCR Signalling Leads to Higher IL-10 Production in B Cells From Tolerant Kidney Transplant Patients. Transplantation, 2017, 101, 541-547.	0.5	33
36	Reversibility with Interleukin-2 Suggests that T Cell Anergy Contributes to Donor-Specific Hyporesponsiveness in Renal Transplant Patients. Journal of the American Society of Nephrology: JASN, 2002, 13, 2983-2989.	3.0	32

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37	Circulating Vascular Progenitor Cells in Patients With Type 1 Diabetes and Microalbuminuria. <i>Diabetes Care</i> , 2010, 33, 875-877.	4.3	31
38	Analysis of the peripheral Tâ€cell repertoire in kidney transplant patients. <i>European Journal of Immunology</i> , 2010, 40, 3280-3290.	1.6	30
39	Development of a multivariable gene-expression signature targeting T-cell-mediated rejection in peripheral blood of kidney transplant recipients validated in cross-sectional and longitudinal samples. <i>EBioMedicine</i> , 2019, 41, 571-583.	2.7	28
40	Tolerant Tâ€cells display impaired trafficking ability. <i>European Journal of Immunology</i> , 2005, 35, 2146-2156.	1.6	23
41	A new method for the simultaneous analysis of growth and death of immunophenotypically defined cells in culture. , 2000, 39, 56-66.		19
42	Loss of lineage antigens is a common feature of apoptotic lymphocytes. <i>Journal of Leukocyte Biology</i> , 2004, 76, 609-615.	1.5	19
43	Chronic Graft Loss. , 2004, 146, 54-64.		18
44	Differential Role of NaÃve and Memory CD4+ T-Cell Subsets in Primary Alloresponses. <i>American Journal of Transplantation</i> , 2010, 10, 1749-1759.	2.6	16
45	Integration of Lyoplate Based Flow Cytometry and Computational Analysis for Standardized Immunological Biomarker Discovery. <i>PLoS ONE</i> , 2013, 8, e65485.	1.1	16
46	Development and validation of the first consensus gene-expression signature of operational tolerance in kidney transplantation, incorporating adjustment for immunosuppressive drug therapy. <i>EBioMedicine</i> , 2020, 58, 102899.	2.7	16
47	Dependency of the Trans Vivo Delayed Type Hypersensitivity Response on the Action of Regulatory T Cells: Implications for Monitoring Transplant Tolerance. <i>Transplantation</i> , 2007, 84, 392-399.	0.5	15
48	Circulating Vascular Progenitor Cells and Central Arterial Stiffness in Polycystic Ovary Syndrome. <i>PLoS ONE</i> , 2011, 6, e20317.	1.1	14
49	In Vitro Assays for Immune Monitoring in Transplantation. , 2006, 333, 269-290.		13
50	Clinical Operational Tolerance After Kidney Transplantation: A Short Literature Review. <i>Transplantation Proceedings</i> , 2008, 40, 1847-1851.	0.3	13
51	Biomarkers of tolerance. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 416-420.	0.8	13
52	The impact of donor and recipient common clinical and genetic variation on estimated glomerular filtration rate in a European renal transplant population. <i>American Journal of Transplantation</i> , 2019, 19, 2262-2273.	2.6	13
53	Reduced TCR Signaling Contributes to Impaired Th17 Responses in Tolerant Kidney Transplant Recipients. <i>Transplantation</i> , 2018, 102, e10-e17.	0.5	10
54	Comparison of the direct and indirect pathways of allorecognition in chronic allograft failure. <i>Transplantation Proceedings</i> , 2001, 33, 449.	0.3	8

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55	A low blood lymphocyte count is associated with an expansion of activated cytotoxic lymphocytes in patients with Bâ€cell chronic lymphocytic leukaemia. <i>European Journal of Haematology</i> , 1997, 59, 89-99.	1.1	8
56	Non-invasive biomarkers to guide management following renal transplantation. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 1-5.	0.8	8
57	Steroid regulation: An overlooked aspect of tolerance and chronic rejection in kidney transplantation. <i>Molecular and Cellular Endocrinology</i> , 2018, 473, 205-216.	1.6	8
58	The role of T-cell anergy in the maintenance of donor-specific hyporesponsiveness in renal transplant recipients. <i>Transplantation Proceedings</i> , 2001, 33, 154-155.	0.3	7
59	Accurate apoptosis measurement requires quantification of loss of expression of surface antigens and cell fragmentation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006, 69A, 240-248.	1.1	5
60	Biomarkers of tolerance: searching for the hidden phenotype. <i>Kidney International Supplements</i> , 2011, 1, 40-46.	4.6	5
61	Defining a Methylation Signature Associated With Operational Tolerance in Kidney Transplant Recipients. <i>Frontiers in Immunology</i> , 2021, 12, 709164.	2.2	5
62	The genetic determinants of renal allograft rejection. <i>American Journal of Transplantation</i> , 2018, 18, 2100-2101.	2.6	4
63	Establishing the optimal method to estimate the frequencies of alloreactive CD4+ T cells. <i>Transplantation Proceedings</i> , 2002, 34, 2855-2857.	0.3	3
64	Retrospective tissue typing of the kidney donor from recipient urine. <i>Kidney International</i> , 2008, 74, 952-955.	2.6	3
65	Human CD4+CD25+ T cells regulate CD8+ T-cell activation. <i>Transplantation Proceedings</i> , 2002, 34, 2858-2860.	0.3	2
66	Lack of adjustment for confounding could lead to misleading conclusions. <i>American Journal of Transplantation</i> , 2017, 17, 2505-2506.	2.6	2
67	A Signature of Gene Expression in Peripheral Blood that Enables Earlier Detection of Acute Rejection in Kidney Transplant Recipients. <i>Transplantation</i> , 2018, 102, S180.	0.5	2
68	Messenger RNA Levels in Peripheral Blood and Urine Can Potentially Stratify Risk of Rejection Following Renal Transplantation. <i>Transplantation</i> , 2012, 94, 1179.	0.5	1
69	IMMUNE CONTRIBUTIONS TO CHRONIC ALLOGRAFT NEPHROPATHY: DIRECT MECHANISMS.. <i>Transplantation</i> , 2000, 69, S249.	0.5	0
70	THE ROLE OF T CELL ANERGY IN DONOR SPECIFIC HYPORESPONSIVENESS IN RENAL TRANSPLANTS PATIENTS.. <i>Transplantation</i> , 2000, 69, S250.	0.5	0
71	From Bench to Clinic: Translating Biomarkers of Tolerance in Renal Allograft Recipients. <i>Transplantation</i> , 2012, 94, 1177.	0.5	0
72	A Validated RT-PCR Based Gene Signature for Tolerance in Kidney Transplant Recipients. <i>Transplantation</i> , 2012, 94, 1153.	0.5	0

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73	Absence of Anti-Donor Specific Antibodies in Drug-Free Tolerant Kidney Transplant Recipients. Transplantation, 2012, 94, 1181.	0.5	0
74	Identification of Leukocyte Subpopulations as Potential Biomarkers of Long-term Survival With Normal Allograft Function After Lung Transplantation. Journal of Heart and Lung Transplantation, 2018, 37, S212.	0.3	0
75	The Importance of Adjustment for Confounding Factors in Biomarker Studies to Avoid Misleading Conclusions. Transplantation, 2018, 102, S102.	0.5	0
76	Gene expression biomarkers for kidney transplant rejection-The entire landscapeâ€™Author's reply. EBioMedicine, 2019, 42, 42.	2.7	0
77	Gene Expression Profiling and Pathway Enrichment Analysis in Long-Term Survivors after Lung Transplantation with Normal Allograft Function. Journal of Heart and Lung Transplantation, 2020, 39, S195.	0.3	0