

# Nicolas Degauque

## List of Publications by Year in descending order

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94  
papers

3,793  
citations

147726

31  
h-index

133188

59  
g-index

100  
all docs

100  
docs citations

100  
times ranked

5365  
citing authors

#	ARTICLE	IF	CITATIONS
1	OX40 costimulation turns off Foxp3+ Tregs. <i>Blood</i> , 2007, 110, 2501-2510.	0.6	349
2	Patients with drug-free long-term graft function display increased numbers of peripheral B cells with a memory and inhibitory phenotype. <i>Kidney International</i> , 2010, 78, 503-513.	2.6	249
3	Curative and $\hat{I}^2$ cell regenerative effects of $\hat{I}^{\pm}1$ -antitrypsin treatment in autoimmune diabetic NOD mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16242-16247.	3.3	154
4	Reciprocal generation of Th1/Th17 and T <sub>reg</sub> cells by B1 and B2 B cells. <i>European Journal of Immunology</i> , 2007, 37, 2400-2404.	1.6	147
5	Tolerant Kidney Transplant Patients Produce B Cells with Regulatory Properties. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2588-2598.	3.0	142
6	Unique B Cell Differentiation Profile in Tolerant Kidney Transplant Patients. <i>American Journal of Transplantation</i> , 2014, 14, 144-155.	2.6	131
7	The Innate NK Cells, Allograft Rejection, and a Key Role for IL-15. <i>Journal of Immunology</i> , 2008, 180, 7818-7826.	0.4	118
8	Specificity of CD4+CD25+ Regulatory T Cell Function in Alloimmunity. <i>Journal of Immunology</i> , 2006, 176, 329-334.	0.4	116
9	Immunostimulatory Tim-1 <sup>hi</sup> specific antibody deprograms Tregs and prevents transplant tolerance in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 735-741.	3.9	109
10	Statistical analysis of CDR3 length distributions for the assessment of T and B cell repertoire biases. <i>Molecular Immunology</i> , 2007, 44, 1057-1064.	1.0	106
11	Upregulation of miR-142-3p in Peripheral Blood Mononuclear Cells of Operationally Tolerant Patients with a Renal Transplant. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 597-606.	3.0	105
12	New differentiation pathway for double-negative regulatory T cells that regulates the magnitude of immune responses. <i>Blood</i> , 2007, 109, 4071-4079.	0.6	102
13	Central Role of CD45RA <sup>hi</sup> Foxp3 <sup>hi</sup> Memory Regulatory T Cells in Clinical Kidney Transplantation Tolerance. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1795-1805.	3.0	100
14	Expanded CD8 <sup>+</sup> T cell sharing between periphery and CNS in multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 609-622.	1.7	83
15	Operationally Tolerant and Minimally Immunosuppressed Kidney Recipients Display Strongly Altered Blood T-Cell Clonal Regulation. <i>American Journal of Transplantation</i> , 2005, 5, 330-340.	2.6	82
16	Cytotoxic CD8 <sup>+</sup> T lymphocytes expressing ALS-causing SOD1 mutant selectively trigger death of spinal motoneurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2312-2317.	3.3	82
17	A common gene signature across multiple studies relate biomarkers and functional regulation in tolerance to renal allograft. <i>Kidney International</i> , 2015, 87, 984-995.	2.6	79
18	Expression of miR-142-5p in Peripheral Blood Mononuclear Cells from Renal Transplant Patients with Chronic Antibody-Mediated Rejection. <i>PLoS ONE</i> , 2013, 8, e60702.	1.1	78

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19	Expansion of Highly Differentiated Cytotoxic Terminally Differentiated Effector Memory CD8+ T Cells in a Subset of Clinically Stable Kidney Transplant Recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1856-1868.	3.0	70
20	Regulatory B Cells and Tolerance in Transplantation: From Animal Models to Human. <i>Frontiers in Immunology</i> , 2013, 4, 497.	2.2	67
21	Effects of Cyclosporine on Transplant Tolerance: The Role of IL-2. <i>American Journal of Transplantation</i> , 2007, 7, 1907-1916.	2.6	66
22	A novel subpopulation of B <sub>1</sub> cells is enriched with autoreactivity in normal and lupus-prone mice. <i>Arthritis and Rheumatism</i> , 2009, 60, 3734-3743.	6.7	61
23	Modification of adverse inflammation is required to cure new-onset type 1 diabetic hosts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13074-13079.	3.3	59
24	Blood T-cell receptor $\alpha$ chain transcriptome in multiple sclerosis. Characterization of the T cells with altered CDR3 length distribution. <i>Brain</i> , 2004, 127, 981-995.	3.7	57
25	Cochlin Produced by Follicular Dendritic Cells Promotes Antibacterial Innate Immunity. <i>Immunity</i> , 2013, 38, 1063-1072.	6.6	57
26	Fragile TIM-4-expressing tissue resident macrophages are migratory and immunoregulatory. <i>Journal of Clinical Investigation</i> , 2014, 124, 3443-3454.	3.9	56
27	Neuropathologic, phenotypic and functional analyses of Mucosal Associated Invariant T cells in Multiple Sclerosis. <i>Clinical Immunology</i> , 2016, 166-167, 1-11.	1.4	53
28	Renal Operational Tolerance Is Associated With a Defect of Blood Tfh Cells That Exhibit Impaired B Cell Help. <i>American Journal of Transplantation</i> , 2017, 17, 1490-1501.	2.6	51
29	IL-7 receptor blockade blunts antigen-specific memory T cell responses and chronic inflammation in primates. <i>Nature Communications</i> , 2018, 9, 4483.	5.8	46
30	Terminally Differentiated Effector Memory CD8+ T Cells Identify Kidney Transplant Recipients at High Risk of Graft Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 876-891.	3.0	44
31	Unaltered regulatory B-cell frequency and function in patients with multiple sclerosis. <i>Clinical Immunology</i> , 2014, 155, 198-208.	1.4	40
32	Direct Recognition of Foreign MHC Determinants by Naive T Cells Mobilizes Specific V $\beta$ Families Without Skewing of the Complementarity-Determining Region 3 Length Distribution. <i>Journal of Immunology</i> , 2001, 167, 3082-3088.	0.4	39
33	Regulatory T Cells in Kidney Transplantation: New Directions?. <i>American Journal of Transplantation</i> , 2015, 15, 2288-2300.	2.6	34
34	Dominant Tolerance to Kidney Allografts Induced by Anti-Donor MHC Class II Antibodies: Cooperation between T and Non-T CD103+ Cells. <i>Journal of Immunology</i> , 2006, 176, 3915-3922.	0.4	30
35	Analysis of the peripheral T <sub>H</sub> cell repertoire in kidney transplant patients. <i>European Journal of Immunology</i> , 2010, 40, 3280-3290.	1.6	30
36	Cross-Reactivity of Herpesvirus-Specific CD8 T Cell Lines Toward Allogeneic Class I MHC Molecules. <i>PLoS ONE</i> , 2010, 5, e12120.	1.1	30

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37	Tim-1 Signaling Substitutes for Conventional Signal 1 and Requires Costimulation to Induce T Cell Proliferation. <i>Journal of Immunology</i> , 2009, 182, 1379-1385.	0.4	28
38	Targeting CD8 T-Cell Metabolism in Transplantation. <i>Frontiers in Immunology</i> , 2015, 6, 547.	2.2	26
39	Cross-Reactivity of TCR Repertoire: Current Concepts, Challenges, and Implication for Allotransplantation. <i>Frontiers in Immunology</i> , 2016, 7, 89.	2.2	25
40	An intermediate level of CD161 expression defines a novel activated, inflammatory, and pathogenic subset of CD8 + T cells involved in multiple sclerosis. <i>Journal of Autoimmunity</i> , 2018, 88, 61-74.	3.0	25
41	Efficient Expansion of Human Granzyme B-Expressing B Cells with Potent Regulatory Properties. <i>Journal of Immunology</i> , 2020, 205, 2391-2401.	0.4	25
42	High circulating CD4 + CD25 hi FOXP3 + T-cell sub-population early after lung transplantation is associated with development of bronchiolitis obliterans syndrome. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 770-781.	0.3	23
43	CXCR5+PD1+ICOS+ Circulating T Follicular Helpers Are Associated With de novo Donor-Specific Antibodies After Renal Transplantation. <i>Frontiers in Immunology</i> , 2019, 10, 2071.	2.2	23
44	Dampening of CD8+ T Cell Response by B Cell Depletion Therapy in Antineutrophil Cytoplasmic Antibody-Associated Vasculitis. <i>Arthritis and Rheumatology</i> , 2019, 71, 641-650.	2.9	23
45	Indirect CD4+ TH1 Response, Antidonor Antibodies and Diffuse C4d Graft Deposits in Long-Term Recipients Conditioned by Donor Antigens Priming. <i>American Journal of Transplantation</i> , 2009, 9, 697-708.	2.6	21
46	T cell recognition of self-antigen presenting cells by protein transfer assay reveals a high frequency of anti-myelin T cells in multiple sclerosis. <i>Brain</i> , 2010, 133, 1622-1636.	3.7	21
47	IL-15 Harnesses Pro-inflammatory Function of TEMRA CD8 in Kidney-Transplant Recipients. <i>Frontiers in Immunology</i> , 2017, 8, 778.	2.2	20
48	Implication of Matrix Metalloproteinase 7 and the Noncanonical Wntless-Type Signaling Pathway in a Model of Kidney Allograft Tolerance Induced by the Administration of Anti-Donor Class II Antibodies. <i>Journal of Immunology</i> , 2008, 180, 1317-1325.	0.4	18
49	Characterization of Antigen-Specific B Cells Using Nominal Antigen-Coated Flow-Beads. <i>PLoS ONE</i> , 2013, 8, e84273.	1.1	18
50	Blood T-cell $\text{V}\beta^2$ transcriptome in melanoma patients. <i>International Journal of Cancer</i> , 2004, 110, 721-729.	2.3	17
51	Development of CD25 <sup>hi</sup> regulatory T cells following heart transplantation: Evidence for transfer of long-term survival. <i>European Journal of Immunology</i> , 2007, 37, 147-156.	1.6	17
52	Functional Compartmentalization Following Induction of Long-Term Graft Survival with Pregraft Donor-Specific Transfusion. <i>American Journal of Transplantation</i> , 2007, 7, 538-549.	2.6	17
53	Teriflunomide Treatment of Multiple Sclerosis Selectively Modulates CD8 Memory T Cells. <i>Frontiers in Immunology</i> , 2021, 12, 730342.	2.2	17
54	Tolerance induction in rats, using a combination of anti-CD154 and donor splenocytes, given once on the day of transplantation. <i>Transplantation</i> , 2003, 75, 169-172.	0.5	15

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55	Transcriptional meta-analysis of regulatory B cells. <i>European Journal of Immunology</i> , 2020, 50, 1757-1769.	1.6	15
56	Sialylation of antibodies in kidney recipients with de novo donor specific antibody, with or without antibody mediated rejection. <i>Human Immunology</i> , 2016, 77, 1076-1083.	1.2	14
57	Increased degradation of ATP is driven by memory regulatory T cells in kidney transplantation tolerance. <i>Kidney International</i> , 2018, 93, 1154-1164.	2.6	14
58	Regulation of the Immune Response by the Inflammatory Metabolic Microenvironment in the Context of Allotransplantation. <i>Frontiers in Immunology</i> , 2018, 9, 1465.	2.2	14
59	Evaluation of the safety and efficacy of XAV-19 in patients with COVID-19-induced moderate pneumonia: study protocol for a randomized, double-blinded, placebo-controlled phase 2 (2a and 2b) trial. <i>Trials</i> , 2021, 22, 199.	0.7	14
60	The Blood of Healthy Individuals Exhibits CD8 T Cells with a Highly Altered TCR Vb Repertoire but with an Unmodified Phenotype. <i>PLoS ONE</i> , 2011, 6, e21240.	1.1	14
61	Compartmentalization of TCR repertoire alteration during rejection of an intrabrain xenograft. <i>Experimental Neurology</i> , 2005, 192, 373-383.	2.0	13
62	Endothelial cell, myeloid, and adaptive immune responses in SARS-CoV-2 infection. <i>FASEB Journal</i> , 2021, 35, e21577.	0.2	13
63	Broad Impairment of Natural Killer Cells From Operationally Tolerant Kidney Transplanted Patients. <i>Frontiers in Immunology</i> , 2017, 8, 1721.	2.2	11
64	AKT1 leader gene and downstream targets are involved in a rat model of kidney allograft tolerance. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 709-719.	1.2	9
65	Benefits of Using CD45RA and CD28 to Investigate CD8 Subsets in Kidney Transplant Recipients. <i>American Journal of Transplantation</i> , 2016, 16, 999-1006.	2.6	9
66	Blood biomarkers of kidney transplant rejection, an endless search?. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 687-697.	1.5	8
67	Blood T-Cell Repertoire in Idiopathic Nephrotic Syndrome Recurrence Following Kidney Transplantation. <i>American Journal of Transplantation</i> , 2006, 6, 2144-2151.	2.6	7
68	Regulation of T-Cell Immunity by T-Cell Immunoglobulin and Mucin Domain Proteins. <i>Transplantation</i> , 2007, 84, S12-S16.	0.5	7
69	Decreased Frequency of Circulating Myelin Oligodendrocyte Glycoprotein B Lymphocytes in Patients with Relapsing-Remitting Multiple Sclerosis. <i>Journal of Immunology Research</i> , 2015, 2015, 1-12.	0.9	7
70	Peripheral phenotype and gene expression profiles of combined liver-kidney transplant patients. <i>Liver International</i> , 2016, 36, 401-409.	1.9	7
71	TIM-1: A New Player in Transplant Immunity. <i>Transplantation</i> , 2009, 87, S84-S86.	0.5	5
72	TEMRA CD8 T Cells Are Highly Cytopathic Cells That Escape From Costimulatory Based-Therapy.. <i>Transplantation</i> , 2014, 98, 318-319.	0.5	3

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73	TEMRA CD8 T Cells from Human Kidney Transplant Recipients Exhibit Potent Anti-Donor Reactivity and Induce GVHD in Humanized Mouse Model. <i>Transplantation</i> , 2018, 102, S49.	0.5	2
74	SPECIFIC INFECTIOUS TOLERANCE TO AN MHC MISMATCHED KIDNEY ALLOGRAFT AFTER ANTI-DONOR CLASS II ALLOIMMUNE SERUM ADMINISTRATION INVOLVE T AND NON T-CELL REGULATORY POPULATIONS.. <i>Transplantation</i> , 2004, 78, 537.	0.5	1
75	Loss of IL-10 secretion by regulatory B lymphocytes in multiple sclerosis patients. <i>Journal of Translational Medicine</i> , 2011, 9, .	1.8	1
76	Altered TCR Vb Repertoire Identifies Kidney Recipient with a Higher Risk of Graft Dysfunction. <i>Transplantation</i> , 2012, 94, 1165.	0.5	1
77	The immunomodulatory properties of mesenchymal stromal cells isolated from the synovial fluid of human osteoarthritic joints. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S23.	0.6	1
78	A Subset of Patients Accumulated Highly Differentiated CD4 & CD8 T Memory Cells Despite Having Long-Term Stable Graft Function.. <i>Transplantation</i> , 2014, 98, 877.	0.5	1
79	Peripheral blood immune cell profiling of acute corneal transplant rejection. <i>American Journal of Transplantation</i> , 0, , .	2.6	1
80	OR.38. Following Interaction with TIM-4, Regulatory T Cells Lack Immunoregulatory Function. <i>Clinical Immunology</i> , 2008, 127, S16.	1.4	0
81	A NEW MECHANISM OF GRAFT REJECTION IN THE COMPLETE ABSENCE OF ADAPTIVE IMMUNE CELLS. <i>Transplantation</i> , 2008, 86, 76.	0.5	0
82	Natalizumab alters the TCR repertoire after one year of treatment in four MS patients. <i>Journal of Translational Medicine</i> , 2011, 9, .	1.8	0
83	The blood of healthy individuals exhibits CD8 T cells with a highly altered TCR V $\beta$ repertoire but with an unmodified phenotype. <i>Journal of Translational Medicine</i> , 2011, 9, .	1.8	0
84	No lack of regulatory B cells in patients with Multiple Sclerosis. <i>Journal of Translational Medicine</i> , 2012, 10, .	1.8	0
85	A phenotypic, transcriptional and TCR V $\beta$ repertoire signature of CD8+ T cells define a population at-risk of long-term kidney graft dysfunction. <i>Journal of Translational Medicine</i> , 2012, 10, .	1.8	0
86	Biomarkers of Tolerance in Renal Transplantation. , 2014, , 911-918.		0
87	P890 SPECIFIC PHENOTYPE AND GENE EXPRESSION PROFILES OF COMBINED LIVER AND KIDNEY TRANSPLANTED PATIENTS IN PERIPHERAL BLOOD MONONUCLEAR CELLS. <i>Journal of Hepatology</i> , 2014, 60, S371.	1.8	0
88	Regulatory B cells deficiency in a mouse model of House Dust Mite (HDM) asthma. <i>Revue Des Maladies Respiratoires</i> , 2014, 31, 650-651.	1.7	0
89	SAT0029â€¦B cell depletion affects CD8 T cells in anca-associated vasculitis. , 2017, , .		0
90	Fate of transplanted lungs is controlled by immune cells encounter within pulmonary allografts. <i>American Journal of Transplantation</i> , 2018, 18, 9-10.	2.6	0

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91	High Circulating CD4 + CD25 hi FOXP3 + T Cell Subpopulation Early After Lung Transplantation is Associated With Development of Bronchiolitis Obliterans Syndrome. Journal of Heart and Lung Transplantation, 2018, 37, S444.	0.3	0
92	Inclusion of CD8 Monitoring Improves the Prognostic Capacities of the Kidney Transplant Failure Score. Transplantation, 2018, 102, S181.	0.5	0
93	High Circulating CD4+CD25hiFOXP3+ T Cell Subpopulation Early After Lung Transplantation is Associated with Development of Bronchiolitis Obliterans Syndrome. Transplantation, 2018, 102, S430.	0.5	0
94	IL-15 determines the role of Natural Killer cells in alloimmune response. Langenbecks Archiv Für Chirurgie Supplement, 2009, , 177-178.	0.0	0