Jean-Paul Soulillou

List of Publications by Year
in descending order

107	6,899	71061	60583
papers	citations	41 h-index	81 g-index

109	109	109	6289
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anti Î±1-3Gal antibodies and Gal content in gut microbiota in immune disorders and multiple sclerosis. Clinical Immunology, 2022, 235, 108693.	1.4	5
2	The role of antibody responses against glycans in bioprosthetic heart valve calcification and deterioration. Nature Medicine, 2022, 28, 283-294.	15.2	40
3	High neutralizing potency of swine glycoâ€humanized polyclonal antibodies against SARSâ€CoVâ€2. European Journal of Immunology, 2021, 51, 1412-1422.	1.6	21
4	Impact of non-antibiotic drugs on the human intestinal microbiome. Expert Review of Molecular Diagnostics, 2021, 21, 911-924.	1.5	13
5	Interleukin-7 receptor blockade by an anti-CD127 monoclonal antibody in nonhuman primate kidney transplantation. American Journal of Transplantation, 2020, 20, 101-111.	2.6	7
6	Editorial: Human Antibodies Against the Dietary Non-human Neu5Gc-Carrying Glycans in Normal and Pathologic States. Frontiers in Immunology, 2020, 11, 1589.	2.2	1
7	Association between Neu5Gc carbohydrate and serum antibodies against it provides the molecular link to cancer: French NutriNet-SantÃ© study. BMC Medicine, 2020, 18, 262.	2.3	28
8	Gut bacteria Akkermansia elicit a specific IgG response in CSF of patients with MS. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	3.1	20
9	Challenging the Role of Diet-Induced Anti-Neu5Gc Antibodies in Human Pathologies. Frontiers in Immunology, 2020, 11, 834.	2.2	10
10	Tacrolimus- versus sirolimus-based immunosuppression after simultaneous pancreas and kidney transplantation: 5-year results of a randomized trial. American Journal of Transplantation, 2020, 20, 1679-1690.	2.6	12
11	Can we extrapolate from a Cmahâ^'/â^'Ldlrâ^'/â^' mouse model a susceptibility for atherosclerosis in humans?. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1845-1846.	3.3	2
12	Elicited and preâ€existing antiâ€Neu5Gc antibodies differentially affect human endothelial cells transcriptome. Xenotransplantation, 2019, 26, e12535.	1.6	12
13	Biomimetic Glyconanoparticle Vaccine for Cancer Immunotherapy. ACS Nano, 2019, 13, 2936-2947.	7.3	42
14	Selective Costimulation Blockade With Antagonist Anti-CD28 Therapeutics in Transplantation. Transplantation, 2019, 103, 1783-1789.	0.5	8
15	Extracellular hemoglobin combined with an O₂â€generating material overcomes O₂ limitation in the bioartificial pancreas. Biotechnology and Bioengineering, 2019, 116, 1176-1189.	1.7	13
16	Quantitative and qualitative changes in antiâ€Neu5Gc antibody response following rabbit antiâ€thymocyte IgG induction in kidney allograft recipients. European Journal of Clinical Investigation, 2019, 49, e13069.	1.7	9
17	Distribution of Bacterial Î±1,3-Galactosyltransferase Genes in the Human Gut Microbiome. Frontiers in Immunology, 2019, 10, 3000.	2.2	39
18	IL-7 receptor influences anti-TNF responsiveness and T cell gut homing in inflammatory bowel disease. Journal of Clinical Investigation, 2019, 129, 1910-1925.	3.9	85

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19	Increased degradation of ATP is driven by memoryÂregulatory T cells in kidney transplantation tolerance. Kidney International, 2018, 93, 1154-1164.	2.6	14
20	Are the decrease in circulating anti-Î±1,3-Gal IgG and the lower content of galactosyl transferase A1 in the microbiota of patients with multiple sclerosis a novel environmental risk factor for the disease?. Molecular Immunology, 2018, 93, 162-165.	1.0	13
21	IL-7 receptor blockade blunts antigen-specific memory T cell responses and chronic inflammation in primates. Nature Communications, 2018, 9, 4483.	5.8	46
22	No Increase in Colon Cancer Risk Following Induction with Neu5Gc-Bearing Rabbit Anti-T Cell IgG (ATG) in Recipients of Kidney Transplants. Cancers, 2018, 10, 324.	1.7	10
23	CD28 blockade controls T cell activation to prevent graft-versus-host disease in primates. Journal of Clinical Investigation, 2018, 128, 3991-4007.	3.9	42
24	Neu5Gc and Î±1-3 GAL Xenoantigen Knockout Does Not Affect Glycemia Homeostasis and Insulin Secretion in Pigs. Diabetes, 2017, 66, 987-993.	0.3	30
25	A composite score associated with spontaneous operational tolerance in kidney transplant recipients. Kidney International, 2017, 91, 1473-1481.	2.6	31
26	Anti-Gal and Anti-Neu5Gc Responses in Nonimmunosuppressed Patients After Treatment With Rabbit Antithymocyte Polyclonal IgGs. Transplantation, 2017, 101, 2501-2507.	0.5	30
27	Alloantigen gene transfer to hepatocytes promotes tolerance to pancreatic islet graft by inducing CD8 + regulatory T cells. Journal of Hepatology, 2017, 66, 765-777.	1.8	25
28	Blood biomarkers of kidney transplant rejection, an endless search?. Expert Review of Molecular Diagnostics, 2017, 17, 687-697.	1.5	8
29	Antagonist Anti-CD28 Therapeutics for the Treatment of Autoimmune Disorders. Antibodies, 2017, 6, 19.	1.2	10
30	Glycan microarray reveal induced IgGs repertoire shift against a dietary carbohydrate in response to rabbit anti-human thymocyte therapy. Oncotarget, 2017, 8, 112236-112244.	0.8	26
31	Cross-Reactivity of TCR Repertoire: Current Concepts, Challenges, and Implication for Allotransplantation. Frontiers in Immunology, 2016, 7, 89.	2.2	25
32	Neuropathologic, phenotypic and functional analyses of Mucosal Associated Invariant T cells in Multiple Sclerosis. Clinical Immunology, 2016, 166-167, 1-11.	1.4	53
33	Characterization of immunogenic Neu5Gc in bioprosthetic heart valves. Xenotransplantation, 2016, 23, 381-392.	1.6	63
34	The DESCARTES-Nantes survey of kidney transplant recipients displaying clinical operational tolerance identifies 35 new tolerant patients and 34 almost tolerant patients. Nephrology Dialysis Transplantation, 2016, 31, 1002-1013.	0.4	46
35	Characterization of immunoglobulins through analysis of N-glycopeptides by MALDI-TOF MS. Methods, 2016, 104, 170-181.	1.9	24
36	Characterization of N-glycosylation and amino acid sequence features of immunoglobulins from swine. Glycoconjugate Journal, 2016, 33, 79-91.	1.4	7

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37	Anti-EBOV GP IgGs Lacking Î±1-3-Galactose and Neu5Gc Prolong Survival and Decrease Blood Viral Load in EBOV-Infected Guinea Pigs. PLoS ONE, 2016, 11, e0156775.	1.1	10
38	Decreased Frequency of Circulating Myelin Oligodendrocyte Glycoprotein B Lymphocytes in Patients with Relapsing-Remitting Multiple Sclerosis. Journal of Immunology Research, 2015, 2015, 1-12.	0.9	7
39	Potential deleterious role of antiâ€Neu5Gc antibodies in xenotransplantation. Xenotransplantation, 2015, 22, 85-94.	1.6	73
40	Tolerant Kidney Transplant Patients Produce B Cells with Regulatory Properties. Journal of the American Society of Nephrology: JASN, 2015, 26, 2588-2598.	3.0	142
41	Each additional hour of cold ischemia time significantly increases the risk of graft failure and mortality following renal transplantation. Kidney International, 2015, 87, 343-349.	2.6	287
42	Rabbit antithymocyte globulinâ€“induced serum sickness disease and human kidney graft survival. Journal of Clinical Investigation, 2015, 125, 4655-4665.	3.9	47
43	Biomarkers of Tolerance in Renal Transplantation. , 2014, , 911-918.		0
44	MicroRNAs, Major Players in B Cells Homeostasis and Function. Frontiers in Immunology, 2014, 5, 98.	2.2	45
45	A useful scoring system for the prediction and management of delayed graft function following kidney transplantation from cadaveric donors. Kidney International, 2014, 86, 1130-1139.	2.6	82
46	<scp>hCTLA</scp>4â€Ig transgene expression in keratocytes modulates rejection of corneal xenografts in a pig to nonâ€human primate anterior lamellar keratoplasty model. Xenotransplantation, 2014, 21, 431-443.	1.6	31
47	Expansion of Highly Differentiated Cytotoxic Terminally Differentiated Effector Memory CD8+ T Cells in a Subset of Clinically Stable Kidney Transplant Recipients. Journal of the American Society of Nephrology: JASN, 2014, 25, 1856-1868.	3.0	70
48	Unaltered regulatory B-cell frequency and function in patients with multiple sclerosis. Clinical Immunology, 2014, 155, 198-208.	1.4	40
49	Missing links in multiple sclerosis etiology. A working connecting hypothesis. Medical Hypotheses, 2013, 80, 509-516.	0.8	12
50	Long-Term IgG Response to Porcine Neu5Gc Antigens without Transmission of PERV in Burn Patients Treated with Porcine Skin Xenografts. Journal of Immunology, 2013, 191, 2907-2915.	0.4	114
51	Characterization of Antigen-Specific B Cells Using Nominal Antigen-Coated Flow-Beads. PLoS ONE, 2013, 8, e84273.	1.1	18
52	Poor Long-Term Outcome in Second Kidney Transplantation: A Delayed Event. PLoS ONE, 2012, 7, e47915.	1.1	25
53	Frequency of circulating autoreactive T cells committed to myelin determinants in relapsingâ€“remitting multiple sclerosis patients. Clinical Immunology, 2012, 144, 117-126.	1.4	62
54	Identification of a gene expression profile associated with operational tolerance among a selected group of stable kidney transplant patients. Transplant International, 2011, 24, 536-547.	0.8	42

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55	TNF blockade abrogates the induction of T cell-dependent humoral responses in an allotransplantation model. Journal of Leukocyte Biology, 2011, 90, 367-375.	1.5	6
56	The Blood of Healthy Individuals Exhibits CD8 T Cells with a Highly Altered TCR Vb Repertoire but with an Unmodified Phenotype. PLoS ONE, 2011, 6, e21240.	1.1	14
57	Analysis of the peripheral Tâ€cell repertoire in kidney transplant patients. European Journal of Immunology, 2010, 40, 3280-3290.	1.6	30
58	More on risk/benefit ratio of anti-IL-2 receptor monoclonal antibodies. Transplant International, 2010, 23, 1205-1206.	0.8	0
59	T cell recognition of self-antigen presenting cells by protein transfer assay reveals a high frequency of anti-myelin T cells in multiple sclerosis. Brain, 2010, 133, 1622-1636.	3.7	21
60	Development of a cross-platform biomarker signature to detect renal transplant tolerance in humans. Journal of Clinical Investigation, 2010, 120, 1848-1861.	3.9	488
61	Peripheral blood CD4+ T lymphocytes from multiple sclerosis patients are characterized by higher PSGL-1 expression and transmigration capacity across a human blood-brain barrier-derived endothelial cell line. Journal of Leukocyte Biology, 2009, 86, 1049-1063.	1.5	52
62	Regulatory, Effector, and Cytotoxic T Cell Profiles in Long-Term Kidney Transplant Patients. Journal of the American Society of Nephrology: JASN, 2009, 20, 1113-1122.	3.0	59
63	Can immune monitoring help to minimize immunosuppression in kidney transplantation?. Transplant International, 2009, 22, 110-119.	0.8	34
64	Regulatory CD4+CD25highT cells, activated CD4+CD25highCD127highT cells and multiple sclerosis. Expert Review of Clinical Immunology, 2009, 5, 115-117.	1.3	0
65	Immunosuppressive drugâ€free operational immune tolerance in human kidney transplant recipients: Part I. blood gene expression statistical analysis. Journal of Cellular Biochemistry, 2008, 103, 1681-1692.	1.2	68
66	Blood CD8⁺ T cell responses against myelin determinants in multiple sclerosis and healthy individuals. European Journal of Immunology, 2008, 38, 1889-1899.	1.6	47
67	Transfer of tolerance to heart and kidney allografts in the rat model. Transplant International, 2008, 21, 199-206.	0.8	8
68	Implication of Matrix Metalloproteinase 7 and the Noncanonical Wingless-Type Signaling Pathway in a Model of Kidney Allograft Tolerance Induced by the Administration of Anti-Donor Class II Antibodies. Journal of Immunology, 2008, 180, 1317-1325.	0.4	18
69	Tribbles-1 as a Novel Biomarker of Chronic Antibody-Mediated Rejection. Journal of the American Society of Nephrology: JASN, 2008, 19, 1116-1127.	3.0	82
70	On the utility of screening for anti-MICA antibodies before kidney transplantation. Nature Clinical Practice Nephrology, 2008, 4, 190-191.	2.0	7
71	Contrasted Blood and Intragraft Toll-Like Receptor 4 mRNA Profiles in Operational Tolerance Versus Chronic Rejection in Kidney Transplant Recipients. Transplantation, 2008, 86, 130-136.	0.5	60
72	Patients with relapsing-remitting multiple sclerosis have normal Treg function when cells expressing IL-7 receptor Î±-chain are excluded from the analysis. Journal of Clinical Investigation, 2008, 118, 3411-9.	3.9	94

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73	Immunosuppression minimization in kidney transplantation. Frontiers in Bioscience - Landmark, 2008, 13, 1413.	3.0	11
74	Identification of a peripheral blood transcriptional biomarker panel associated with operational renal allograft tolerance. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15448-15453.	3.3	332
75	Spontaneous Operational Tolerance After Immunosuppressive Drug Withdrawal in Clinical Renal Allotransplantation. Transplantation, 2007, 84, 1215-1219.	0.5	76
76	Revisiting tolerance induction by donor cell priming. Current Opinion in Organ Transplantation, 2007, 12, 335-339.	0.8	1
77	Statistical analysis of CDR3 length distributions for the assessment of T and B cell repertoire biases. Molecular Immunology, 2007, 44, 1057-1064.	1.0	106
78	Development of CD25â€“ regulatory T cells following heart transplantation: Evidence for transfer of long-term survival. European Journal of Immunology, 2007, 37, 147-156.	1.6	17
79	Serial Evolution of TCRÎ²Chain Transcript Mobilization in HIV Type-1-Infected Patients Following Vaccine Immune Stimulation and HAART Interruption. AIDS Research and Human Retroviruses, 2006, 22, 648-656.	0.5	4
80	Xenotransplantation: How close are we from clinical application?. Drug Discovery Today: Therapeutic Strategies, 2006, 3, 69-74.	0.5	0
81	Contrasting CD25hiCD4+T Cells/FOXP3 Patterns in Chronic Rejection and Operational Drug-Free Tolerance. Transplantation, 2006, 81, 398-407.	0.5	241
82	Is clinical tolerance realistic in the next decade?. Transplant International, 2006, 19, 539-548.	0.8	30
83	Serial blood T cell repertoire alterations in multiple sclerosis patients; correlation with clinical and MRI parameters. Journal of Neuroimmunology, 2006, 177, 151-160.	1.1	19
84	Phenotypically and Functionally Distinct CD8+ Lymphocyte Populations in Long-Term Drug-Free Tolerance and Chronic Rejection in Human Kidney Graft Recipients. Journal of the American Society of Nephrology: JASN, 2006, 17, 294-304.	3.0	98
85	Chronic rejection of human kidney allografts. Expert Review of Clinical Immunology, 2006, 2, 393-402.	1.3	4
86	Operationally Tolerant and Minimally Immunosuppressed Kidney Recipients Display Strongly Altered Blood T-Cell Clonal Regulation. American Journal of Transplantation, 2005, 5, 330-340.	2.6	82
87	Steroid Avoidance Versus Steroid Withdrawal After Simultaneous Pancreas-Kidney Transplantation. American Journal of Transplantation, 2005, 5, 1332-1338.	2.6	45
88	Frequency and Clinical Implications of Development of Donor-Specific and Nonâ€“Donor-Specific HLA Antibodies after Kidney Transplantation. Journal of the American Society of Nephrology: JASN, 2005, 16, 2804-2812.	3.0	265
89	How and when will cardiac xenotransplantation enter the clinic? The recurrent debate has gained in realism. Nature Clinical Practice Cardiovascular Medicine, 2005, 2, 550-551.	3.3	8
90	Blood T-cell VÎ² transcriptome in melanoma patients. International Journal of Cancer, 2004, 110, 721-729.	2.3	17

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91	Blood T-cell receptor Â chain transcriptome in multiple sclerosis. Characterization of the T cells with altered CDR3 length distribution. Brain, 2004, 127, 981-995.	3.7	57
92	Non-HLA-Type Endothelial Cell Reactive Alloantibodies in Pre-Transplant Sera of Kidney Recipients Trigger Apoptosis. American Journal of Transplantation, 2003, 3, 167-177.	2.6	95
93	Tolerance induction in rats, using a combination of anti-CD154 and donor splenocytes, given once on the day of transplantation1. Transplantation, 2003, 75, 169-172.	0.5	15
94	Role for Thymic and Splenic Regulatory CD4+T Cells Induced by Donor Dendritic Cells in Allograft Tolerance by LF15-0195 Treatment. Journal of Immunology, 2002, 168, 5058-5069.	0.4	95
95	Mechanisms of tolerance induction: blockade of coâ€“stimulation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 649-657.	1.8	17
96	T-cell-mediated Rejection of Vascularized Xenografts in the Absence of Induced Anti-donor Antibody Response. American Journal of Transplantation, 2001, 1, 21-28.	2.6	32
97	Direct Recognition of Foreign MHC Determinants by Naive T Cells Mobilizes Specific VÎ² Families Without Skewing of the Complementarity-Determining Region 3 Length Distribution. Journal of Immunology, 2001, 167, 3082-3088.	0.4	39
98	Highly Altered VÎ² Repertoire of T Cells Infiltrating Long-Term Rejected Kidney Allografts. Journal of Immunology, 2000, 164, 1553-1563.	0.4	60
99	Anti-TCR-Specific DNA Vaccination Demonstrates a Role for a CD8+ T Cell Clone in the Induction of Allograft Tolerance by Donor-Specific Blood Transfusion. Journal of Immunology, 2000, 165, 96-101.	0.4	34
100	Reassessment of the role of CD8+ T cells in the induction of allograft tolerance by donor-specific blood transfusion. European Journal of Immunology, 1999, 29, 1919-1924.	1.6	25
101	USE OF VON WILLEBRAND DISEASED KIDNEY AS DONOR IN A PIG-TO-PRIMATE MODEL OF XENOTRANSPLANTATION1. Transplantation, 1999, 67, 38-45.	0.5	31
102	Effect of long-term immunosuppression in kidney-graft recipients on cancer incidence: randomised comparison of two cyclosporin regimens. Lancet, The, 1998, 351, 623-628.	6.3	690
103	Critical Requirement for Graft Passenger Leukocytes in Allograft Tolerance Induced by Donor Blood Transfusion. Blood, 1998, 92, 4539-4544.	0.6	72
104	Randomised trial of basiliximab versus placebo for control of acute cellular rejection in renal allograft recipients. Lancet, The, 1997, 350, 1193-1198.	6.3	764
105	GRAFT-INFILTRATING T HELPER CELLS, CD45RC PHENOTYPE, AND TH1/TH2-RELATED CYTOKINES IN DONOR-SPECIFIC TRANSFUSIONâ€“INDUCED TOLERANCE IN ADULT RATS. Transplantation, 1995, 60, 1131-1139.	0.5	83
106	PERIPHERAL TOLERANCE OF AN ALLOGRAFT IN ADULT RATSâ€”CHARACTERIZATION BY LOW INTERLEUKIN-2 AND INTERFERON-Î³ mRNA LEVELS AND BY STRONG ACCUMULATION OF MAJOR HISTOCOMPATIBILITY COMPLEX TRANSCRIPTS IN THE GRAFT. Transplantation, 1992, 54, 219-225.	0.5	106
107	Randomized Controlled Trial of a Monoclonal Antibody against the Interleukin-2 Receptor (33B3.1) as Compared with Rabbit Antithymocyte Globulin for Prophylaxis against Rejection of Renal Allografts. New England Journal of Medicine, 1990, 322, 1175-1182.	13.9	263