

J Demengeot

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

7,360
citations

94269

37
h-index

56606

83
g-index

94
all docs

94
docs citations

94
times ranked

9672
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulatory T Cells Selectively Express Toll-like Receptors and Are Activated by Lipopolysaccharide. <i>Journal of Experimental Medicine</i> , 2003, 197, 403-411.	4.2	920
2	Defective DNA-dependent protein kinase activity is linked to V(D)J recombination and DNA repair defects associated with the murine scid mutation. <i>Cell</i> , 1995, 80, 813-823.	13.5	809
3	Ku80: product of the XRCC5 gene and its role in DNA repair and V(D)J recombination. <i>Science</i> , 1994, 265, 1442-1445.	6.0	624
4	Plasticity of TH17 cells in Peyer's patches is responsible for the induction of T cell-dependent IgA responses. <i>Nature Immunology</i> , 2013, 14, 372-379.	7.0	429
5	The immunogenicity of anti-TNF therapy in immune-mediated inflammatory diseases: a systematic review of the literature with a meta-analysis. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1947-1955.	0.5	338
6	CD25+CD4+ regulatory T cells suppress CD4+ T cell-mediated pulmonary hyperinflammation driven by <i>Pneumocystis carinii</i> in immunodeficient mice. <i>European Journal of Immunology</i> , 2002, 32, 1282.	1.6	270
7	Arrested B Lymphopoiesis and Persistence of Activated B Cells in Adult Interleukin 7 ^{-/-} Mice. <i>Journal of Experimental Medicine</i> , 2001, 194, 1141-1150.	4.2	258
8	IFN α / β enhances BCR-dependent B cell responses. <i>International Immunology</i> , 2002, 14, 411-419.	1.8	239
9	Specificity requirements for selection and effector functions of CD25+4+ regulatory T cells in anti-myelin basic protein T cell receptor transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8213-8218.	3.3	231
10	Natural Treg cells spontaneously differentiate into pathogenic helper cells in lymphopenic conditions. <i>European Journal of Immunology</i> , 2009, 39, 948-955.	1.6	221
11	Foxp3+ CD25- CD4 T cells constitute a reservoir of committed regulatory cells that regain CD25 expression upon homeostatic expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4091-4096.	3.3	205
12	The First Steps of Adaptation of <i>Escherichia coli</i> to the Gut Are Dominated by Soft Sweeps. <i>PLoS Genetics</i> , 2014, 10, e1004182.	1.5	172
13	Type I Interferon controls the onset and severity of autoimmune manifestations in <i>lpr</i> mice. <i>Journal of Autoimmunity</i> , 2003, 20, 15-25.	3.0	164
14	Gene-targeted deletion and replacement mutations of the T-cell receptor beta-chain enhancer: the role of enhancer elements in controlling V(D)J recombination accessibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 7871-7876.	3.3	155
15	Myocardial aging as a T-cell-mediated phenomenon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2420-E2429.	3.3	129
16	IL-7 Contributes to the Progression of Human T-cell Acute Lymphoblastic Leukemias. <i>Cancer Research</i> , 2011, 71, 4780-4789.	0.4	121
17	1,25-Dihydroxyvitamin D3 Promotes Tolerogenic Dendritic Cells with Functional Migratory Properties in NOD Mice. <i>Journal of Immunology</i> , 2014, 192, 4210-4220.	0.4	112
18	Notch1 engagement by Delta-like-1 promotes differentiation of B lymphocytes to antibody-secreting cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15454-15459.	3.3	91

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19	Adaptive immunity increases the pace and predictability of evolutionary change in commensal gut bacteria. <i>Nature Communications</i> , 2015, 6, 8945.	5.8	82
20	Signatures in SARS-CoV-2 spike protein conferring escape to neutralizing antibodies. <i>PLoS Pathogens</i> , 2021, 17, e1009772.	2.1	74
21	Recent thymic emigrants are the preferential precursors of regulatory T cells differentiated in the periphery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6494-6499.	3.3	72
22	A preliminary algorithm introducing immunogenicity assessment in the management of patients with RA receiving tumour necrosis factor inhibitor therapies. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1138-1143.	0.5	72
23	Thymic Commitment of Regulatory T Cells Is a Pathway of TCR-Dependent Selection That Isolates Repertoires Undergoing Positive or Negative Selection. , 2005, 293, 43-71.		71
24	Protection against systemic candidiasis in mice immunized with secreted aspartic proteinase 2. <i>Immunology</i> , 2004, 111, 334-342.	2.0	69
25	Low frequency of CD4+CD25+ Treg in SLE patients: a heritable trait associated with CTLA4 and TGF β 2 gene variants. <i>BMC Immunology</i> , 2009, 10, 5.	0.9	68
26	Regulatory T cells: the physiology of autoreactivity in dominant tolerance and "quality control" of immune responses. <i>Immunological Reviews</i> , 2001, 182, 89-98.	2.8	66
27	When three is not a crowd: a Crossregulation Model of the dynamics and repertoire selection of regulatory CD4 ⁺ T cells. <i>Immunological Reviews</i> , 2007, 216, 48-68.	2.8	63
28	The gene encoding L1, a neural adhesion molecule of the immunoglobulin family, is located on the X chromosome in mouse and man. <i>Genomics</i> , 1990, 7, 587-593.	1.3	61
29	Specific Eco-evolutionary Contexts in the Mouse Gut Reveal <i>Escherichia coli</i> Metabolic Versatility. <i>Current Biology</i> , 2020, 30, 1049-1062.e7.	1.8	60
30	Proinsulin multi-peptide immunotherapy induces antigen-specific regulatory T cells and limits autoimmunity in a humanized model. <i>Clinical and Experimental Immunology</i> , 2015, 182, 251-260.	1.1	52
31	Spontaneous atopic dermatitis in mice with a defective skin barrier is independent of ILC2 and mediated by IL β . <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1920-1933.	2.7	51
32	Comment on "Cutting Edge: Anti-CD25 Monoclonal Antibody Injection Results in the Functional Inactivation, Not Depletion, of CD4+CD25+ T Regulatory Cells". <i>Journal of Immunology</i> , 2006, 177, 2036.1-2037.	0.4	47
33	The Immunogenicity of Biologic Therapies. <i>Current Problems in Dermatology</i> , 2018, 53, 37-48.	0.8	47
34	Physiopathology of natural auto-antibodies: The case for regulation. <i>Journal of Autoimmunity</i> , 2007, 29, 229-235.	3.0	46
35	Regulatory T cells in microbial infection. <i>Seminars in Immunopathology</i> , 2006, 28, 41-50.	4.0	45
36	Heme oxygenase-1 is not required for mouse regulatory T cell development and function. <i>International Immunology</i> , 2006, 19, 11-18.	1.8	45

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37	Regulatory T Cells Accumulate in the Lung Allergic Inflammation and Efficiently Suppress T-Cell Proliferation but Not Th2 Cytokine Production. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-13.	3.3	45
38	Peripheral expansion of thymus-derived regulatory cells in anti-myelin basic protein T cell receptor transgenic mice. <i>European Journal of Immunology</i> , 2002, 32, 3729-3735.	1.6	44
39	Suboptimal CD4 ⁺ cell activation triggers autonomous TGF β -dependent conversion to Foxp3 ⁺ regulatory T cells. <i>European Journal of Immunology</i> , 2011, 41, 1249-1255.	1.6	42
40	CD8 T cells induce T-bet-dependent migration toward CXCR3 ligands by differentiated B cells produced during responses to alum-protein vaccines. <i>Blood</i> , 2012, 120, 4552-4559.	0.6	39
41	Host and microbiota interactions are critical for development of murine Crohn's-like ileitis. <i>Mucosal Immunology</i> , 2016, 9, 787-797.	2.7	38
42	INFRAFRONTIER—providing mutant mouse resources as research tools for the international scientific community. <i>Nucleic Acids Research</i> , 2015, 43, D1171-D1175.	6.5	34
43	Promotion of V(D)J recombinational accessibility by the intronic E κ element: role of the I μ B motif. <i>International Immunology</i> , 1995, 7, 1995-2003.	1.8	27
44	Production of high-quality SARS-CoV-2 antigens: Impact of bioprocess and storage on glycosylation, biophysical attributes, and ELISA serologic tests performance. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2202-2219.	1.7	27
45	Type I IFN sets the stringency of B cell repertoire selection in the bone marrow. <i>International Immunology</i> , 1999, 11, 279-288.	1.8	23
46	IgA Structure Variations Associate with Immune Stimulations and IgA Mesangial Deposition. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2748-2761.	3.0	23
47	Antibodies aggravate the development of ischemic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1358-H1367.	1.5	23
48	Pattern of polyomavirus replication from infection until tumor formation in the organs of athymic nu/nu mice. <i>Journal of Virology</i> , 1990, 64, 5633-5639.	1.5	23
49	Early death and severe lymphopenia caused by ubiquitous expression of the Rag1 and Rag2 genes in mice. <i>European Journal of Immunology</i> , 2001, 31, 3763-3772.	1.6	22
50	Broadened T-cell Repertoire Diversity in ivIg-treated SLE Patients is Also Related to the Individual Status of Regulatory T-cells. <i>Journal of Clinical Immunology</i> , 2013, 33, 349-360.	2.0	22
51	Population homogeneity for the antibody response to COVID-19 BNT162b2/Comirnaty vaccine is only reached after the second dose across all adult age ranges. <i>Nature Communications</i> , 2022, 13, 140.	5.8	22
52	B lymphocyte sensitivity to IgM receptor ligation is independent of maturation stage and locally determined by macrophage-derived IFN-beta. <i>International Immunology</i> , 1997, 9, 1677-1685.	1.8	21
53	Regulatory T cells Contribute to Diabetes Protection in Lipopolysaccharide-treated Non-Obese Diabetic Mice. <i>Scandinavian Journal of Immunology</i> , 2011, 74, 585-595.	1.3	21
54	Naturally secreted immunoglobulins limit B1 and MZ B-cell numbers through a microbiota-independent mechanism. <i>Blood</i> , 2013, 122, 209-218.	0.6	20

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55	Generation of normal lymphocytes derived from N-myc-deficient embryonic stem cells. <i>International Immunology</i> , 1995, 7, 1637-1647.	1.8	18
56	Cutting Edge: Intrathymic Differentiation of Adaptive Foxp3+ Regulatory T Cells upon Peripheral Proinflammatory Immunization. <i>Journal of Immunology</i> , 2010, 185, 3829-3833.	0.4	18
57	Dual muscle-liver transduction imposes immune tolerance for muscle transgene engraftment despite preexisting immunity. <i>JCI Insight</i> , 2019, 4, .	2.3	17
58	A Novel Quantitative Fluorescent Reporter Assay for RAG Targets and RAG Activity. <i>Frontiers in Immunology</i> , 2013, 4, 110.	2.2	15
59	Irf4 is a positional and functional candidate gene for the control of serum IgM levels in the mouse. <i>Genes and Immunity</i> , 2009, 10, 93-99.	2.2	14
60	A simple method for the direct use of total cosmid clones as hybridization probes. <i>Nucleic Acids Research</i> , 1990, 18, 6166-6166.	6.5	13
61	Steroid treatments in mice do not alter the number and function of regulatory T cells, but amplify cyclophosphamide-induced autoimmune disease. <i>Journal of Autoimmunity</i> , 2009, 33, 109-120.	3.0	13
62	Tolerogenic insulin peptide therapy precipitates type 1 diabetes. <i>Journal of Experimental Medicine</i> , 2017, 214, 2153-2156.	4.2	13
63	LRBA deficiency: a new genetic cause of monogenic lupus. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 427-428.	0.5	12
64	MHC Class II Molecules Control Murine B Cell Responsiveness to Lipopolysaccharide Stimulation. <i>Journal of Immunology</i> , 2006, 177, 4620-4626.	0.4	11
65	Regulatory T cells control strain specific resistance to Experimental Autoimmune Prostatitis. <i>Scientific Reports</i> , 2016, 6, 33097.	1.6	11
66	ETV6-RUNX1 and RUNX1 directly regulate RAG1 expression: one more step in the understanding of childhood B-cell acute lymphoblastic leukemia leukemogenesis. <i>Leukemia</i> , 2022, 36, 549-554.	3.3	11
67	A new statistical method for quantitative analyses: application to the precise quantification of T cell receptor repertoires. <i>Journal of Immunological Methods</i> , 2002, 268, 159-170.	0.6	10
68	SAT0479â€¦Clinical impact of immunogenicity of infliximab, adalimumab and etanercept: A systematic review of the literature with a meta-analysis. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 634.3-635.	0.5	9
69	Intrauterine IPEX. <i>Frontiers in Pediatrics</i> , 2020, 8, 599283.	0.9	8
70	Differential sensitivity of B lymphocyte populations to IgM receptor ligation is determined by local factors. <i>International Immunology</i> , 1997, 9, 755-762.	1.8	7
71	Compensatory T-Cell Regulation in Unaffected Relatives of SLE Patients, and Opposite IL-2/CD25-Mediated Effects Suggested by Coreferentiality Modeling. <i>PLoS ONE</i> , 2012, 7, e33992.	1.1	6
72	Route of Antigen Presentation Can Determine the Selection of Foxp3-Dependent or Foxp3-Independent Dominant Immune Tolerance. <i>Journal of Immunology</i> , 2018, 200, 101-109.	0.4	6

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73	Longitudinal Analysis of Antibody Responses to the mRNA BNT162b2 Vaccine in Patients Undergoing Maintenance Hemodialysis: A 6-Month Follow-Up. <i>Frontiers in Medicine</i> , 2021, 8, 796676.	1.2	6
74	RAG Recombinase as a Selective Pressure for Genome Evolution. <i>Genome Biology and Evolution</i> , 2016, 8, 3364-3376.	1.1	5
75	Regulatory T Cells as an Escape Mechanism to the Immune Response in <i>Taenia crassiceps</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 630583.	1.8	5
76	<i>Escherichia coli</i> adaptation to the gut environment: a constant fight for survival. <i>Future Microbiology</i> , 2014, 9, 1235-1238.	1.0	3
77	The multifaceted <i>Foxp3</i> allele enhances spontaneous and therapeutic immune surveillance of cancer in mice. <i>European Journal of Immunology</i> , 2020, 50, 439-444.	1.6	3
78	Saliva molecular testing bypassing RNA extraction is suitable for monitoring and diagnosing SARS-CoV-2 infection in children. <i>PLoS ONE</i> , 2022, 17, e0268388.	1.1	3
79	FRIO092...New algorithm to approach ra patients receiving biologic therapies: Introducing immunogenicity assessment in the eular guidelines. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 340.2-340.	0.5	2
80	Interruption of Thymic Activity in Adult Mice Improves Responses to Tumor Immunotherapy. <i>Journal of Immunology</i> , 2021, 206, 978-986.	0.4	2
81	Cancer Immunity: A Problem of Self-Tolerance. , 2000, , 337-342.		1
82	Keeping hopes high. <i>EMBO Reports</i> , 2003, 4, 1033-1037.	2.0	1
83	AB1297...Bridging ELISA as a screening assay to monitor immunogenicity in routine clinical practice. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 711.17-711.	0.5	1
84	FRIO188...The impact of immunogenicity on drug safety profile. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A436.1-A436.	0.5	1
85	iRAGu: A Novel Inducible and Reversible Mouse Model for Ubiquitous Recombinase Activity. <i>Frontiers in Immunology</i> , 2017, 8, 1525.	2.2	1
86	FRIO189...A preliminary algorithm introducing immunogenicity assessment in the management of ra patients receiving biotechnological therapies. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A436.2-A436.	0.5	0
87	A1.79...A preliminary algorithm introducing immunogenicity assessment in the management of RA patients receiving biotechnological therapies. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A35.1-A35.	0.5	0
88	Keeping hopes high. <i>EMBO Reports</i> , 2003, 4, 1033-1037.	2.0	0