Jean Davoust

List of Publications by Citations

Source: https://exaly.com/author-pdf/3879303/jean-davoust-publications-by-citations.pdf
Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

103 papers	16,137 citations	50 h-index	109 g-index
109 ext. papers	17,112 ext. citations	11.2 avg, IF	5.59 L-index

#	Paper	IF	Citations
103	Immunobiology of dendritic cells. *Annual Review of Immunology*, **2000**, 18, 767-811	34.7	5321
102	Dynamics and function of Langerhans cells in vivo: dermal dendritic cells colonize lymph node areas distinct from slower migrating Langerhans cells. *Immunity*, **2005**, 22, 643-54	32.3	769
101	Langerin, a novel C-type lectin specific to Langerhans cells, is an endocytic receptor that induces the formation of Birbeck granules. *Immunity*, **2000**, 12, 71-81	32.3	757
100	Maturation stages of mouse dendritic cells in growth factor-dependent long-term cultures. *Journal of Experimental Medicine*, **1997**, 185, 317-28	16.6	717
99	IL-6 switches the differentiation of monocytes from dendritic cells to macrophages. *Nature Immunology*, **2000**, 1, 510-4	19.1	688
98	ER-phagosome fusion defines an MHC class I cross-presentation compartment in dendritic cells. *Nature*, **2003**, 425, 397-402	50.4	606
97	In breast carcinoma tissue, immature dendritic cells reside within the tumor, whereas mature dendritic cells are located in peritumoral areas. *Journal of Experimental Medicine*, **1999**, 190, 1417-26	16.6	459
96	Immunodeficiency in protein kinase cbeta-deficient mice. *Science*, **1996**, 273, 788-91	33.3	414
95	Flt3-ligand and granulocyte colony-stimulating factor mobilize distinct human dendritic cell subsets in vivo. *Journal of Immunology*, **2000**, 165, 566-72	5.3	349
94	A novel lysosome-associated membrane glycoprotein, DC-LAMP, induced upon DC maturation, is transiently expressed in MHC class II compartment. *Immunity*, **1998**, 9, 325-36	32.3	316
93	Cross-priming of naive CD8 T cells against melanoma antigens using dendritic cells loaded with killed allogeneic melanoma cells. *Journal of Experimental Medicine*, **2000**, 192, 1535-44	16.6	242
92	Differentiation state-dependent surface mobilities of two forms of the neural cell adhesion molecule. *Nature*, **1986**, 324, 462-5	50.4	237
91	The monoclonal antibody DCGM4 recognizes Langerin, a protein specific of Langerhans cells, and is rapidly internalized from the cell surface. *European Journal of Immunology*, **1999**, 29, 2695-704	6.1	233
90	Interleukin 15 skews monocyte differentiation into dendritic cells with features of Langerhans cells. *Journal of Experimental Medicine*, **2001**, 194, 1013-20	16.6	227
89	Accumulation of immature Langerhans cells in human lymph nodes draining chronically inflamed skin. *Journal of Experimental Medicine*, **2002**, 196, 417-30	16.6	225
88	Programmed cell death in Dictyostelium. *Journal of Cell Science*, **1994**, 107, 2691-2704	5.3	220
87	Dendritic cells capture killed tumor cells and present their antigens to elicit tumor-specific immune responses. *Journal of Immunology*, **2000**, 165, 3797-803	5.3	200

86	IRAP identifies an endosomal compartment required for MHC class I cross-presentation. *Science*, **2009**, 325, 213-7	33.3	188
85	Restricted distribution of connexin40, a gap junctional protein, in mammalian heart. *Circulation Research*, **1994**, 74, 839-51	15.7	182
84	Apoptotic cell clearance in systemic lupus erythematosus. I. Opsonization by antiphospholipid antibodies. *Arthritis and Rheumatism*, **1998**, 41, 205-14		179
83	Processing of engulfed apoptotic bodies yields T cell epitopes. *Journal of Immunology*, **1997**, 159, 5391-9	5.3	173
82	Vaccine activation of the nutrient sensor GCN2 in dendritic cells enhances antigen presentation. *Science*, **2014**, 343, 313-317	33.3	154
81	Tyrosine-containing motif that transduces cell activation signals also determines internalization and antigen presentation via type III receptors for IgG. *Nature*, **1992**, 358, 337-41	50.4	150
80	Fringe pattern photobleaching, a new method for the measurement of transport coefficients of biological macromolecules.. *EMBO Journal*, **1982**, 1, 1233-1238	13	130
79	Low cytoplasmic pH inhibits endocytosis and transport from the trans-Golgi network to the cell surface. *Journal of Cell Biology*, **1989**, 108, 377-87	7.3	116
78	Cytokinesis arrest and redistribution of actin-cytoskeleton regulatory components in cells expressing the Rho GTPase CDC42Hs. *Journal of Cell Science*, **1996**, 109, 367-377	5.3	112
77	Optical fluorescence microscopy in three dimensions: microtomoscopy. *Journal of Microscopy*, **1985** , 138, 29-34	1.9	110
76	High vaccination efficiency of low-affinity epitopes in antitumor immunotherapy. *Journal of Clinical Investigation*, **2004**, 113, 425-433	15.9	104
75	Role of B cell receptor Ig alpha and Ig beta subunits in MHC class II-restricted antigen presentation. *Immunity*, **1995**, 3, 335-47	32.3	103
74	Imaging calpain protease activity by multiphoton FRET in living mice. *Journal of Molecular Biology*, **2005**, 346, 215-22	6.5	98
73	Intracellular routes and selective retention of antigens in mildly acidic cathepsin D/lysosome-associated membrane protein-1/MHC class II-positive vesicles in immature dendritic cells. *Journal of Immunology*, **1997**, 159, 3707-16	5.3	93
72	Microtubules are stabilized in confluent epithelial cells but not in fibroblasts. *Journal of Cell Biology* , **1990**, 111, 3003-12	7.3	92
71	Multicolour analysis and local image correlation in confocal microscopy. *Journal of Microscopy*, **1997** , 185, 21-36	1.9	85
70	Selective accumulation of mature DC-Lamp+ dendritic cells in tumor sites is associated with efficient T-cell-mediated antitumor response and control of metastatic dissemination in melanoma. *Cancer Research*, **2004**, 64, 2192-8	10.1	85
69	Hyperthermia enhances CTL cross-priming. *Journal of Immunology*, **2006**, 176, 2134-41	5.3	77

68	Mast cells aggravate sepsis by inhibiting peritoneal macrophage phagocytosis. *Journal of Clinical Investigation*, **2014**, 124, 4577-89	15.9	76
67	Asymmetric lateral mobility of phospholipids in the human erythrocyte membrane. *Proceedings of the National Academy of Sciences of the United States of America*, **1986**, 83, 6863-7	11.5	75
66	Boundary lipids and protein mobility in rhodopsin-phosphatidylcholine vesicles. Effect of lipid phase transitions. *Biochimica Et Biophysica Acta - Biomembranes*, **1980**, 596, 28-42	3.8	70
65	Two threshold values of low pH block endocytosis at different stages.. *EMBO Journal*, **1987**, 6, 3601-3609	13	68
64	HIV-1 gp120 induces an association between CD4 and the chemokine receptor CXCR4. *Journal of Immunology*, **1997**, 159, 3000-8	5.3	68
63	Structural compartmentalization of MHC class II signaling function. *Trends in Immunology*, **1993**, 14, 539-46		66
62	Recycling of transferrin receptors in A431 cells is inhibited during mitosis. *EMBO Journal*, **1984**, 3, 2217-25	13	61
61	Mouse B lymphocyte specific endocytosis and recycling of MHC class II molecules.. *EMBO Journal*, **1990**, 9, 3489-3496	13	58
60	Evidence for protein tyrosine kinase involvement in ligand-induced TCR/CD3 internalization and surface redistribution. *Journal of Immunology*, **1994**, 153, 63-72	5.3	58
59	The melanocytic protein Melan-A/MART-1 has a subcellular localization distinct from typical melanosomal proteins. *Traffic*, **2002**, 3, 678-93	5.7	57
58	CD208/dendritic cell-lysosomal associated membrane protein is a marker of normal and transformed type II pneumocytes. *American Journal of Pathology*, **2004**, 164, 861-71	5.8	56
57	Apical to basolateral surface area ratio and polarity of MDCK cells grown on different supports. *Experimental Cell Research*, **1992**, 203, 115-27	4.2	56
56	Selective control of membrane ruffling and actin plaque assembly by the Rho GTPases Rac1 and CDC42 in FcepsilonRI-activated rat basophilic leukemia (RBL-2H3) cells. *Journal of Cell Science*, **1997** , 110, 2215-2225	5.3	52
55	Cytokinesis arrest and redistribution of actin-cytoskeleton regulatory components in cells expressing the Rho GTPase CDC42Hs. *Journal of Cell Science*, **1996**, 109 (Pt 2), 367-77	5.3	52
54	A signaling role for the cytoplasmic segment of the CD8 alpha chain detected under limiting stimulatory conditions. *Proceedings of the National Academy of Sciences of the United States of America*, **1990**, 87, 2339-43	11.5	51
53	Trafficking of Shigella lipopolysaccharide in polarized intestinal epithelial cells. *Journal of Cell Biology*, **1999**, 145, 689-98	7.3	49
52	Evidence and a novel hypothesis for the role of dendritic cells and Porphyromonas gingivalis in adult periodontitis. *Journal of Periodontal Research*, **1999**, 34, 406-12	4.3	49
51	Actin microfilaments control the MHC class II antigen presentation pathway in B cells. *Journal of Cell Science*, **1998**, 111, 1791-1800	5.3	49

50	Dendritic cell maturation and antigen presentation in the absence of invariant chain. *Proceedings of the National Academy of Sciences of the United States of America*, **1998**, 95, 1067-72	11.5	48
49	High vaccination efficiency of low-affinity epitopes in antitumor immunotherapy. *Journal of Clinical Investigation*, **2004**, 113, 425-33	15.9	45
48	Transient immunomodulation allows repeated injections of AAV1 and correction of muscular dystrophy in multiple muscles. *Molecular Therapy*, **2008**, 16, 541-7	11.7	44
47	Physical modifications of rhodopsin boundary lipids in lecithin-rhodopsin complexes: a spin-label study. *Proceedings of the National Academy of Sciences of the United States of America*, **1979**, 76, 2755-9	11.5	43
46	CD4+CD25+ regulatory T cells inhibit immune-mediated transgene rejection. *Blood*, **2003**, 102, 4326-8	2.2	38
45	Fringe pattern photobleaching, a new method for the measurement of transport coefficients of biological macromolecules. *EMBO Journal*, **1982**, 1, 1233-8	13	38
44	HLA-A*0201-restricted cytolytic responses to the rtTA transactivator dominant and cryptic epitopes compromise transgene expression induced by the tetracycline on system. *Molecular Therapy*, **2004**, 10, 279-89	11.7	37
43	Tagging the human immunodeficiency virus gag protein with green fluorescent protein. Minimal evidence for colocalisation with actin. *Virology*, **1999**, 255, 20-5	3.6	35
42	Two threshold values of low pH block endocytosis at different stages. *EMBO Journal*, **1987**, 6, 3601-9	13	34
41	A tyrosine-based signal present in Ig alpha mediates B cell receptor constitutive internalization. *Journal of Immunology*, **1998**, 160, 1767-73	5.3	34
40	Selective modulation of the major histocompatibility complex class II antigen presentation pathway following B cell receptor ligation and protein kinase C activation. *Journal of Biological Chemistry*, **1997**, 272, 3641-7	5.4	31
39	Efficient migration of dendritic cells toward lymph node chemokines and induction of T(H)1 responses require maturation stimulus and apoptotic cell interaction. *Blood*, **2005**, 106, 1734-41	2.2	30
38	Microtubule organization during the cell cycle of the primitive eukaryote dinoflagellate Crypthecodinium cohnii. *Journal of Cell Science*, **1993**, 104, 639-651	5.3	26
37	The invariant chain induces compact forms of class II molecules localized in late endosomal compartments. *European Journal of Immunology*, **1993**, 23, 3158-66	6.1	25
36	Engagement of B cell receptor regulates the invariant chain-dependent MHC class II presentation pathway. *Journal of Immunology*, **1999**, 162, 2495-502	5.3	25
35	Major histocompatibility complex class II-restricted presentation of secreted and endoplasmic reticulum resident antigens requires the invariant chains and is sensitive to lysosomotropic agents. *European Journal of Immunology*, **1993**, 23, 3167-72	6.1	24
34	Collisions between nitrogen-14 and nitrogen-15 spin-labels. 2. Investigations on the specificity of the lipid environment of rhodopsin. *Biochemistry*, **1983**, 22, 3146-51	3.2	24
33	Human germinal center B cells differ from naive and memory B cells by their aggregated MHC class II-rich compartments lacking HLA-DO. *International Immunology*, **2003**, 15, 457-66	4.9	23

32	Mouse B lymphocyte specific endocytosis and recycling of MHC class II molecules. *EMBO Journal*, **1990**, 9, 3489-96	13	16
31	Extrathymic induction of Foxp3+ regulatory T cells declines with age in a T-cell intrinsic manner. *European Journal of Immunology*, **2013**, 43, 2598-604	6.1	15
30	Highly efficient transduction of human plasmacytoid dendritic cells without phenotypic and functional maturation. *Journal of Translational Medicine*, **2009**, 7, 10	8.5	14
29	Multiparameter image cytometry: From confocal micrographs to subcellular fluorograms. *Bioimaging*, **1997**, 5, 159-169		14
28	Lateral Mobility of the Cell Adhesion Molecule L1 Within the Surface Membrane of Morphologically Undifferentiated and Differentiated Neuroblastoma Cells. *European Journal of Neuroscience*, **1990**, 2, 712-717	3.5	13
27	Apical and basal Forssman antigen in MDCK II cells: a morphological and quantitative study. *European Journal of Cell Biology*, **1991**, 56, 269-85	6.1	13
26	Efficient transduction of monocyte- and CD34+-derived Langerhans cells with lentiviral vectors in the absence of phenotypic and functional maturation. *Journal of Gene Medicine*, **2006**, 8, 951-61	3.5	12
25	Lipid-lipid and lipid-protein collision rates in membranes. Determination by evaluation of spin-spin interactions between 15N and 14N spin labels. *Biochimie*, **1981**, 63, 867-70	4.6	12
24	Mast Cell Degranulation Exacerbates Skin Rejection by Enhancing Neutrophil Recruitment. *Frontiers in Immunology*, **2018**, 9, 2690	8.4	12
23	Presentation of antigens internalized through the B cell receptor requires newly synthesized MHC class II molecules. *Journal of Immunology*, **1999**, 162, 3408-16	5.3	12
22	Dual muscle-liver transduction imposes immune tolerance for muscle transgene engraftment despite preexisting immunity. *JCI Insight*, **2019**, 4,	9.9	11
21	Role of Regulatory T Cell and Effector T Cell Exhaustion in Liver-Mediated Transgene Tolerance in Muscle. *Molecular Therapy - Methods and Clinical Development*, **2019**, 15, 83-100	6.4	10
20	Intrinsic transgene immunogenicity gears CD8(+) T-cell priming after rAAV-mediated muscle gene transfer. *Molecular Therapy*, **2015**, 23, 697-706	11.7	10
19	Induction of tumor-specific CTL responses using the C-terminal fragment of Viral protein R as cell penetrating peptide. *Scientific Reports*, **2019**, 9, 3937	4.9	9
18	IRAP-dependent endosomal T cell receptor signalling is essential for T cell responses. *Nature Communications*, **2020**, 11, 2779	17.4	9
17	Simple conditioning with monospecific CD4+CD25+ regulatory T cells for bone marrow engraftment and tolerance to multiple gene products. *Blood*, **2006**, 108, 1841-8	2.2	9
16	Checkpoints and functional stages in DC maturation. *Advances in Experimental Medicine and Biology*, **1997**, 417, 59-64	3.6	9
15	Flexibility of bi- and triantennary glycans of the N-acetyllactosaminic type. A spin label study. *FEBS Letters*, **1981**, 125, 271-6	3.8	8

14	Identification of an HLA-A*0201-restricted epitopic peptide from human dystrophin: application in duchenne muscular dystrophy gene therapy. *Molecular Therapy*, **2003**, 8, 274-83	11.7	7
13	Confocal microscopy as a tool to reveal the tridimensional organization of intracellular lumens and intercellular cysts in a human colon adenocarcinoma cell line. *Biology of the Cell*, **1990**, 69, 129-38	3.5	6
12	GPI membrane anchor is determinant in intracellular accumulation of apical plasma membrane proteins in the non-polarized human colon cancer cell line HT-29 18. *Journal of Cell Science*, **1994**, 107, 2679-2689	5.3	5
11	Overproduction and secretion of beta 2-microglobulin by a rat thymic epithelial cell line that expresses MHC class I heavy chain. *Journal of Cell Science*, **1991**, 98, 559-565	5.3	5
10	Intradermal Immunization with rAAV1 Vector Induces Robust Memory CD8 T Cell Responses Independently of Transgene Expression in DCs. *Molecular Therapy*, **2017**, 25, 2309-2322	11.7	3
9	Enhanced lentiviral transduction of monocyte-derived dendritic cells in the presence of conditioned medium from dying monocytes. *Human Gene Therapy*, **2007**, 18, 161-70	4.8	2
8	Cross-Presentation of Skin-Targeted Recombinant Adeno-associated Virus 2/1 Transgene Induces Potent Resident Memory CD8 T Cell Responses. *Journal of Virology*, **2019**, 93,	6.6	2
7	Current Views on Boundary Lipids Deduced from Electron Spin Resonance Studies **1982**, 125-133		2
6	Subcellular Cytofluorometry in Confocal Microscopy **1996**, 279-283		1
5	Differential mRNA expression in untreated and TNF-alpha elicited murine dendritic cells precursors. *Advances in Experimental Medicine and Biology*, **1997**, 417, 467-73	3.6	1
4	Subcellular localization and sorting of MHC class II molecules. *Biology of the Cell*, **1991**, 73, 21a-21a	3.5	
3	The Dynamics of Clathrin Coats in Living Cells Measured by Advanced Fluorescence Microscopy **1992**, 27-42		
2	Lipid-Protein Interactions in Biological Membranes. Spin-Label Studies **1980**, 345-352		
1	Simulation of the Electron Spin Resonance Spectra of Spin-Labeled Fatty Acids in Protein-Containing Model Membranes **1985**, 171-185		