

Jacqueline Marvel

List of Publications by Year in descending order

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125
papers

6,842
citations

70961

41
h-index

66788

78
g-index

132
all docs

132
docs citations

132
times ranked

11203
citing authors

#	ARTICLE	IF	CITATIONS
1	Zeb1 represses TCR signaling, promotes the proliferation of T cell progenitors and is essential for NK1.1+ T cell development. Cellular and Molecular Immunology, 2021, 18, 2140-2152.	4.8	12
2	The Inflammasome Adaptor ASC Delays UV-Induced Skin Tumorigenesis in Beta HPV38 E6 and E7 Transgenic Mice. Journal of Investigative Dermatology, 2021, 141, 236-238.e2.	0.3	0
3	Calcium channel ITPR2 and mitochondria-ER contacts promote cellular senescence and aging. Nature Communications, 2021, 12, 720.	5.8	75
4	PLA2R1 promotes DNA damage and inhibits spontaneous tumor formation during aging. Cell Death and Disease, 2021, 12, 190.	2.7	10
5	Polyclonal expansion of TCR V β 21.3 CD4 and CD8 T cells is a hallmark of multisystem inflammatory syndrome in children. Science Immunology, 2021, 6, .	5.6	105
6	Modeling and characterization of inter-individual variability in CD8 T cell responses in mice. In Silico Biology, 2021, 14, 13-39.	0.4	0
7	OVX836 Heptameric Nucleoprotein Vaccine Generates Lung Tissue-Resident Memory CD8+ T-Cells for Cross-Protection Against Influenza. Frontiers in Immunology, 2021, 12, 678483.	2.2	14
8	Specific detection of memory T cells in COVID-19 patients using standardized whole-blood Interferon gamma release assay. European Journal of Immunology, 2021, 51, 3239-3242.	1.6	8
9	Immunogenicity and efficacy of heterologous ChAdOx1-BNT162b2 vaccination. Nature, 2021, 600, 701-706.	13.7	180
10	OVX836 a recombinant nucleoprotein vaccine inducing cellular responses and protective efficacy against multiple influenza A subtypes. Npj Vaccines, 2019, 4, 4.	2.9	25
11	Model-Based Assessment of the Role of Uneven Partitioning of Molecular Content on Heterogeneity and Regulation of Differentiation in CD8 T-Cell Immune Responses. Frontiers in Immunology, 2019, 10, 230.	2.2	9
12	Antigen-Induced but Not Innate Memory CD8 T Cells Express NKG2D and Are Recruited to the Lung Parenchyma upon Viral Infection. Journal of Immunology, 2018, 200, 3635-3646.	0.4	22
13	Electroporation of mice zygotes with dual guide RNA/Cas9 complexes for simple and efficient cloning-free genome editing. Scientific Reports, 2018, 8, 474.	1.6	63
14	Labeling of native proteins with fluorescent RAFT polymer probes: application to the detection of a cell surface protein using flow cytometry. Polymer Chemistry, 2018, 9, 1857-1868.	1.9	15
15	Human Naive and Memory T Cells Display Opposite Migratory Responses to Sphingosine-1 Phosphate. Journal of Immunology, 2018, 200, 551-557.	0.4	23
16	MAVS deficiency induces gut dysbiotic microbiota conferring a proallergic phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10404-10409.	3.3	14
17	Targeting the phospholipase A2 receptor ameliorates premature aging phenotypes. Aging Cell, 2018, 17, e12835.	3.0	31
18	Identification of Nascent Memory CD8 T Cells and Modeling of Their Ontogeny. Cell Systems, 2017, 4, 306-317.e4.	2.9	36

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19	Two-Photon Photosensitizerâ€“Polymer Conjugates for Combined Cancer Cell Death Induction and Two-Photon Fluorescence Imaging: Structure/Photodynamic Therapy Efficiency Relationship. <i>Biomacromolecules</i> , 2017, 18, 4022-4033.	2.6	15
20	Poly-functional and long-lasting anticancer immune response elicited by a safe attenuated <i>Pseudomonas aeruginosa</i> vector for antigens delivery. <i>Molecular Therapy - Oncolytics</i> , 2016, 3, 16033.	2.0	12
21	Immune signatures of protective spleen memory CD8 T cells. <i>Scientific Reports</i> , 2016, 6, 37651.	1.6	15
22	Fluorescent gold nanoparticles with chain-end grafted RAFT copolymers: influence of the polymer molecular weight and type of chromophore. <i>Polymer Chemistry</i> , 2016, 7, 6812-6825.	1.9	8
23	IL-2 sensitivity and exogenous IL-2 concentration gradient tune the productive contact duration of CD8+ T cell-APC: a multiscale modeling study. <i>BMC Systems Biology</i> , 2016, 10, 77.	3.0	20
24	TGF- β 2 inhibits the activation and functions of NK cells by repressing the mTOR pathway. <i>Science Signaling</i> , 2016, 9, ra19.	1.6	453
25	Overexpression of the Transcription Factor Sp1 Activates the OAS-RNase L-RIG-I Pathway. <i>PLoS ONE</i> , 2015, 10, e0118551.	1.1	18
26	Predicting pathogen-specific CD8 T cell immune responses from a modeling approach. <i>Journal of Theoretical Biology</i> , 2015, 374, 66-82.	0.8	13
27	Dual Impact of Live <i>Staphylococcus aureus</i> on the Osteoclast Lineage, Leading to Increased Bone Resorption. <i>Journal of Infectious Diseases</i> , 2015, 211, 571-581.	1.9	79
28	Human natural killer cells promote crossâ€“presentation of tumor cellâ€“derived antigens by dendritic cells. <i>International Journal of Cancer</i> , 2015, 136, 1085-1094.	2.3	55
29	Multiscale Modeling of the Early CD8 T-Cell Immune Response in Lymph Nodes: An Integrative Study. <i>Computation</i> , 2014, 2, 159-181.	1.0	29
30	T-bet and Eomes instruct the development of two distinct natural killer cell lineages in the liver and in the bone marrow. <i>Journal of Experimental Medicine</i> , 2014, 211, 563-577.	4.2	462
31	Nanocarriers with ultrahigh chromophore loading for fluorescence bio-imaging and photodynamic therapy. <i>Biomaterials</i> , 2013, 34, 8344-8351.	5.7	58
32	Contrasting Cu, Fe, and Zn isotopic patterns in organs and body fluids of mice and sheep, with emphasis on cellular fractionation. <i>Metallomics</i> , 2013, 5, 1470.	1.0	111
33	Tumor Promotion by Intratumoral Plasmacytoid Dendritic Cells Is Reversed by TLR7 Ligand Treatment. <i>Cancer Research</i> , 2013, 73, 4629-4640.	0.4	164
34	A comparative phenotypic and genomic analysis of C57BL/6J and C57BL/6N mouse strains. <i>Genome Biology</i> , 2013, 14, R82.	13.9	403
35	Generation of transgenic mice expressing EGFP protein fused to NP68 MHC class I epitope using lentivirus vectors. <i>Genesis</i> , 2013, 51, 193-200.	0.8	5
36	Biocompatible well-defined chromophoreâ€“polymer conjugates for photodynamic therapy and two-photon imaging. <i>Polymer Chemistry</i> , 2013, 4, 61-67.	1.9	38

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37	TRF2 inhibits a cell-extrinsic pathway through which natural killer cells eliminate cancer cells. <i>Nature Cell Biology</i> , 2013, 15, 818-828.	4.6	99
38	Regulation of Mouse NK Cell Development and Function by Cytokines. <i>Frontiers in Immunology</i> , 2013, 4, 450.	2.2	155
39	ASC Controls IFN- γ Levels in an IL-18-Dependent Manner in Caspase-1-Deficient Mice Infected with <i>Francisella novicida</i> . <i>Journal of Immunology</i> , 2013, 191, 3847-3857.	0.4	31
40	S1PR5 is pivotal for the homeostasis of patrolling monocytes. <i>European Journal of Immunology</i> , 2013, 43, 1667-1675.	1.6	49
41	Water-soluble chromophores with star-shaped oligomeric arms: synthesis, spectroscopic studies and first results in bio-imaging and cell death induction. <i>New Journal of Chemistry</i> , 2012, 36, 2328.	1.4	22
42	Negative Regulation of NKG2D Expression by IL-4 in Memory CD8 T Cells. <i>Journal of Immunology</i> , 2012, 189, 3480-3489.	0.4	27
43	Development of antigen cross-presentation capacity in dendritic cells. <i>Trends in Immunology</i> , 2012, 33, 381-388.	2.9	60
44	Synthesis of PEGylated gold nanostars and bipyramids for intracellular uptake. <i>Nanotechnology</i> , 2012, 23, 465602.	1.3	58
45	T inflammatory memory CD8 T cells participate to antiviral response and generate secondary memory cells with an advantage in XCL1 production. <i>Immunologic Research</i> , 2012, 52, 284-293.	1.3	21
46	Mathematical model of the primary CD8 T cell immune response: stability analysis of a nonlinear age-structured system. <i>Journal of Mathematical Biology</i> , 2012, 65, 263-291.	0.8	11
47	NOD1 Cooperates with TLR2 to Enhance T Cell Receptor-Mediated Activation in CD8 T Cells. <i>PLoS ONE</i> , 2012, 7, e42170.	1.1	33
48	Photodynamic therapy and two-photon bio-imaging applications of hydrophobic chromophores through amphiphilic polymer delivery. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1216-1225.	1.6	74
49	High-throughput mouse phenotyping. <i>Methods</i> , 2011, 53, 394-404.	1.9	31
50	Sequential desensitization of CXCR4 and S1P5 controls natural killer cell trafficking. <i>Blood</i> , 2011, 118, 4863-4871.	0.6	119
51	CpG Promotes Cross-Presentation of Dead Cell-Associated Antigens by Pre-CD8 α^+ Dendritic Cells. <i>Journal of Immunology</i> , 2011, 186, 1503-1511.	0.4	50
52	CD137 in NK cells. <i>Blood</i> , 2010, 115, 2987-2988.	0.6	11
53	The XC chemokine receptor 1 is a conserved selective marker of mammalian cells homologous to mouse CD8 α^+ dendritic cells. <i>Journal of Experimental Medicine</i> , 2010, 207, 1283-1292.	4.2	558
54	EuroPhenome: a repository for high-throughput mouse phenotyping data. <i>Nucleic Acids Research</i> , 2010, 38, D577-D585.	6.5	75

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55	Overexpression of Transcription Factor Sp1 Leads to Gene Expression Perturbations and Cell Cycle Inhibition. PLoS ONE, 2009, 4, e7035.	1.1	79
56	TLR2 Engagement on CD8 T Cells Enables Generation of Functional Memory Cells in Response to a Suboptimal TCR Signal. Journal of Immunology, 2009, 182, 1860-1867.	0.4	90
57	Characterization of a CD44/CD122 ^{int} Memory CD8 T Cell Subset Generated under Sterile Inflammatory Conditions. Journal of Immunology, 2009, 182, 3846-3854.	0.4	29
58	TLR2 engagement on memory CD8 ⁺ T cells improves their cytokine-mediated proliferation and IFN γ secretion in the absence of Ag. European Journal of Immunology, 2009, 39, 2673-2681.	1.6	63
59	Intrasplenic trafficking of natural killer cells is redirected by chemokines upon inflammation. European Journal of Immunology, 2008, 38, 2076-2084.	1.6	51
60	Loss of p53 or p73 in human papillomavirus type 38 E6 and E7 transgenic mice partially restores the UV-activated cell cycle checkpoints. Oncogene, 2008, 27, 2923-2928.	2.6	18
61	Overexpression of Sp1 transcription factor induces apoptosis. Oncogene, 2006, 25, 7096-7105.	2.6	83
62	TLR2 engagement on CD8 T cells lowers the threshold for optimal antigen-induced T cell activation. European Journal of Immunology, 2006, 36, 1684-1693.	1.6	172
63	Maintenance of CCL5 mRNA stores by post-effector and memory CD8 T cells is dependent on transcription and is coupled to increased mRNA stability. European Journal of Immunology, 2006, 36, 2745-2754.	1.6	21
64	Cell-Autonomous CCL5 Transcription by Memory CD8 T Cells Is Regulated by IL-4. Journal of Immunology, 2006, 177, 4451-4457.	0.4	20
65	Flt3 Ligand-Generated Murine Plasmacytoid and Conventional Dendritic Cells Differ in Their Capacity to Prime Naive CD8 T Cells and to Generate Memory Cells In Vivo. Journal of Immunology, 2005, 175, 189-195.	0.4	37
66	Identification of Apoptosis Regulatory Genes Using Insertional Mutagenesis. , 2004, 282, 275-290.		0
67	Restriction of De Novo Nucleotide Biosynthesis Interferes with Clonal Expansion and Differentiation into Effector and Memory CD8 T Cells. Journal of Immunology, 2004, 173, 4945-4952.	0.4	38
68	Control of proliferation by Bcl-2 family members. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1644, 159-168.	1.9	68
69	Kinetics and metabolic specificities of Vero cells in bioreactor cultures with serum-free medium. Cytotechnology, 2003, 42, 1-11.	0.7	42
70	A1/Bfl-1 expression is restricted to TCR engagement in T lymphocytes. Cell Death and Differentiation, 2003, 10, 1059-1067.	5.0	42
71	Cutting Edge: Immediate RANTES Secretion by Resting Memory CD8 T Cells Following Antigenic Stimulation. Journal of Immunology, 2003, 170, 1615-1619.	0.4	48
72	In Vivo Impact of CpG1826 Oligodeoxynucleotide on CD8 T Cell Primary Responses and Survival. Journal of Immunology, 2003, 171, 2995-3002.	0.4	23

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73	Hyperproliferative Response of a Monoclonal Memory CD8 T Cell Population Is Characterized by an Increased Frequency of Clonogenic Precursors. <i>Journal of Immunology</i> , 2002, 168, 2147-2153.	0.4	5
74	Differential In Vivo Persistence of Two Subsets of Memory Phenotype CD8 T Cells Defined by CD44 and CD122 Expression Levels. <i>Journal of Immunology</i> , 2002, 168, 2704-2711.	0.4	36
75	Decreased glycolytic metabolism contributes to but is not the inducer of apoptosis following IL-3-starvation. <i>Cell Death and Differentiation</i> , 2002, 9, 1147-1157.	5.0	33
76	Phénotype et fonctions des lymphocytes T CD8+mémoire. <i>Medecine/Sciences</i> , 2001, 17, 1105-1111.	0.0	1
77	Characterization of Vero cell growth and death in bioreactor with serum-containing and serum-free media. <i>Cytotechnology</i> , 2001, 35, 115-125.	0.7	24
78	Involvement of inhibitory NKRs in the survival of a subset of memory-phenotype CD8+ T cells. <i>Nature Immunology</i> , 2001, 2, 430-435.	7.0	153
79	Activation of the Phosphatidylinositol 3-Kinase/Akt Pathway Protects against Interleukin-3 Starvation but Not DNA Damage-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2001, 276, 10935-10942.	1.6	28
80	Monitoring Growth and Death of Vero Cells Cultivated in Bioreactor with Serum-Containing and Serum-Free Media. , 2001, , 213-216.		0
81	Characterization at the Single-Cell Level of Naive and Primed CD8 T Cell Cytokine Responses. <i>Cellular Immunology</i> , 2000, 206, 16-25.	1.4	8
82	Effects of T3R ^{±1} and T3R ^{±2} Gene Deletion on T and B Lymphocyte Development. <i>Journal of Immunology</i> , 2000, 164, 152-160.	0.4	68
83	Death by neglect as a deletional mechanism of peripheral tolerance. <i>International Immunology</i> , 1999, 11, 1225-1238.	1.8	83
84	Memory CD44 ^{int} CD8 T cells show increased proliferative responses and IFN- γ production following antigenic challenge in vitro. <i>International Immunology</i> , 1999, 11, 699-706.	1.8	30
85	Role of PI3-kinase in Bcl-X induction and apoptosis inhibition mediated by IL-3 or IGF-1 in Baf-3 cells. <i>Cell Death and Differentiation</i> , 1999, 6, 290-296.	5.0	87
86	Bcl-X is the major pleiotropic anti-apoptotic gene activated by retroviral insertion mutagenesis in an IL-3 dependent bone marrow derived cell line. <i>Oncogene</i> , 1998, 16, 1399-1408.	2.6	27
87	Tolerant CD8 T cells induced by multiple injections of peptide antigen show impaired TCR signaling and altered proliferative responses in vitro and in vivo. <i>Journal of Immunology</i> , 1998, 161, 5260-7.	0.4	35
88	In bone marrow derived Baf-3 cells, inhibition of apoptosis by IL-3 is mediated by two independent pathways. <i>Oncogene</i> , 1997, 14, 425-430.	2.6	64
89	Altered methional homoeostasis is associated with decreased apoptosis in BAF3 bcl2 murine lymphoid cells. <i>Biochemical Journal</i> , 1996, 313, 973-981.	1.7	13
90	Resting Memory CD8+ T Cells are Hyperreactive to Antigenic Challenge In Vitro. <i>Journal of Experimental Medicine</i> , 1996, 184, 2141-2152.	4.2	220

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91	The product of the v-src-inducible gene nr-13 is a potent anti-apoptotic factor. <i>Oncogene</i> , 1996, 13, 1441-6.	2.6	17
92	Expression in vivo of CD45RA, CD45RB and CD44 on T cell receptor-transgenic CD8+ T cells following immunization. <i>European Journal of Immunology</i> , 1995, 25, 1755-1759.	1.6	20
93	Dominant interfering alleles define a role for c-Myb in T-cell development.. <i>Genes and Development</i> , 1994, 8, 770-782.	2.7	166
94	Interleukin-3 and Bcl-2 cooperatively inhibit etoposide-induced apoptosis in a murine pre-B cell line. <i>European Journal of Immunology</i> , 1994, 24, 537-541.	1.6	20
95	Growth factor starvation of bcl-2 overexpressing murine bone marrow cells induced refractoriness to IL-3 stimulation of proliferation. <i>Oncogene</i> , 1994, 9, 1117-22.	2.6	52
96	Hyper-reactivity of mouse CD45RA ^{hi} T cells. <i>European Journal of Immunology</i> , 1993, 23, 2383-2386.	1.6	11
97	Bcl-2 Oncogene Protects a Bone Marrow-Derived Pre-B Cell Line from 5-Fluor, 2-deoxyuridine-Induced Apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 1993, 194, 126-132.	1.0	27
98	Interleukin 2 activates extracellular signal-regulated protein kinase 2.. <i>Journal of Experimental Medicine</i> , 1993, 178, 1429-1434.	4.2	42
99	Role of CD4+CD45RA+ T cells in the development of autoimmune diabetes in the non-obese diabetic (NOD) mouse. <i>International Immunology</i> , 1993, 5, 479-489.	1.8	23
100	CD45RA+ T Cells: Not Simple Virgins. <i>Clinical Science</i> , 1993, 85, 515-519.	1.8	14
101	Interleukin 3 protects murine bone marrow cells from apoptosis induced by DNA damaging agents.. <i>Journal of Experimental Medicine</i> , 1992, 176, 1043-1051.	4.2	225
102	Memory in helper T cells of minor histocompatibility antigens, revealed in vivo by alloimmunizations in combination with Thy-1 antigen. <i>European Journal of Immunology</i> , 1992, 22, 115-122.	1.6	19
103	Evidence that the CD45 phosphatase regulates the activity of the phospholipase C in mouse T lymphocytes. <i>European Journal of Immunology</i> , 1991, 21, 195-201.	1.6	17
104	In the mouse the maturation stage of the peripheral CD4+ CD45RA+ subset is different from that of the CD8+ CD45RA+ subset. <i>European Journal of Immunology</i> , 1991, 21, 2161-2165.	1.6	11
105	The CD45RA molecule is expressed in naive murine CTL precursors but absent in memory and effector CTL. <i>International Immunology</i> , 1991, 3, 21-28.	1.8	13
106	CD45RA antibodies split the CD3 ^{bright} T cell subset. <i>International Immunology</i> , 1991, 3, 917-922.	1.8	8
107	Some Thoughts on the Future of Idiotypic Vaccines. <i>Progress in Vaccinology</i> , 1991, , 1-7.	0.7	3
108	Expression of CD45 on T-cell populations. <i>Trends in Immunology</i> , 1990, 11, 432.	7.5	0

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109	CD45RA is detected in all thymocyte subsets defined by CD4 and CD8 by using three-colour flow cytometry. <i>Immunology</i> , 1990, 71, 467-72.	2.0	12
110	Anti-cd45ra antibodies increase the proliferation of mouse t cells to phytohemagglutinin through the interleukin 2/interleukin 2 receptor pathway. <i>European Journal of Immunology</i> , 1989, 19, 2005-2010.	1.6	22
111	Problems in the Physiology of Class I and Class II MHC Molecules, and of CD45. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1989, 54, 667-674.	2.0	10
112	CD45R gives immunofluorescence and transduces signals on mouse T cells. <i>European Journal of Immunology</i> , 1988, 18, 825-828.	1.6	27
113	Some aspects of idiotypic networks: Self/non-self discrimination, selection of available repertoires and broken mirrors. <i>Annales De L'Institut Pasteur Immunologie</i> , 1988, 139, 609-618.	0.9	3
114	The influence of V β gene polymorphism on the induction of silent idiotypes in the arsonate system. <i>Molecular Immunology</i> , 1987, 24, 463-469.	1.0	4
115	Progress in T cell biology. <i>Immunology Letters</i> , 1987, 16, 171-177.	1.1	8
116	Idiotype-Anti-Idiotype Interactions of VHIX-Coded Anti-Progesterone and Anti-Arsonate Antibodies.. <i>Scandinavian Journal of Immunology</i> , 1987, 26, 267-276.	1.3	4
117	The split within the CD4 (helper) T-cell subset, and its implications for immunopathology. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1987, 82, 260-273.	0.8	3
118	Idiotypic Games within the Immune Network. <i>Immunological Reviews</i> , 1986, 90, 73-92.	2.8	15
119	FROM IDIOTYPES TO IDIOTYPIC NETWORKS. , 1986, , 111-138.		0
120	Molecular mapping of idiotopes of anti-arsonate antibodies. <i>Journal of Immunology</i> , 1986, 136, 2568-74.	0.4	27
121	Study of idiotopic suppression induced by anti-cross-reactive idiotype monoclonal antibody in the anti-p-azophenylarsonate antibody response. <i>Journal of Immunology</i> , 1986, 136, 1960-7.	0.4	10
122	The Idiotypic Network: Order from the Beginning or Order out of Chaos?. <i>Current Topics in Microbiology and Immunology</i> , 1985, 119, 127-142.	0.7	7
123	Idiotypic analysis of polyclonal and monoclonal anti-p-azophenylarsonate antibodies of BALB/c mice expressing the major cross-reactive idiotype of the A/J strain. <i>Journal of Immunology</i> , 1985, 134, 1734-9.	0.4	34
124	Idiotypic analysis of potential and available repertoires in the arsonate system.. <i>Journal of Experimental Medicine</i> , 1984, 160, 1-11.	4.2	35
125	Idiotypic manipulations in the arsonate system. <i>Annales De L'Institut Pasteur Immunologie</i> , 1984, 135, 45-50.	0.9	2