

Marie Larsson, LiU

List of Publications by Year in descending order

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109
papers

7,321
citations

66343

42
h-index

56724

83
g-index

116
all docs

116
docs citations

116
times ranked

9371
citing authors

#	ARTICLE	IF	CITATIONS
1	Consequences of Cell Death. <i>Journal of Experimental Medicine</i> , 2000, 191, 423-434.	8.5	1,334
2	Endocytosis of HIV-1 activates plasmacytoid dendritic cells via Toll-like receptor- viral RNA interactions. <i>Journal of Clinical Investigation</i> , 2005, 115, 3265-3275.	8.2	573
3	Activation of influenza virus-specific CD4+ and CD8+ T cells: a new role for plasmacytoid dendritic cells in adaptive immunity. <i>Blood</i> , 2003, 101, 3520-3526.	1.4	311
4	Human Immunodeficiency Virus Type 1 Activates Plasmacytoid Dendritic Cells and Concomitantly Induces the Bystander Maturation of Myeloid Dendritic Cells. <i>Journal of Virology</i> , 2004, 78, 5223-5232.	3.4	305
5	T-Cell Exhaustion in Chronic Infections: Reversing the State of Exhaustion and Reinvigorating Optimal Protective Immune Responses. <i>Frontiers in Immunology</i> , 2018, 9, 2569.	4.8	241
6	Primary Tumor Tissue Lysates Are Enriched in Heat Shock Proteins and Induce the Maturation of Human Dendritic Cells. <i>Journal of Immunology</i> , 2001, 167, 4844-4852.	0.8	224
7	A recombinant vaccinia virus based ELISPOT assay detects high frequencies of Pol-specific CD8 T cells in HIV-1-positive individuals. <i>Aids</i> , 1999, 13, 767-777.	2.2	206
8	Dendritic cells resurrect antigens from dead cells. <i>Trends in Immunology</i> , 2001, 22, 141-148.	6.8	180
9	A clinical grade cocktail of cytokines and PGE2 results in uniform maturation of human monocyte-derived dendritic cells: implications for immunotherapy. <i>Vaccine</i> , 2002, 20, A8-A22.	3.8	175
10	Evidence of dysregulation of dendritic cells in primary HIV infection. <i>Blood</i> , 2010, 116, 3839-3852.	1.4	159
11	Requirement of Mature Dendritic Cells for Efficient Activation of Influenza A-Specific Memory CD8+ T Cells. <i>Journal of Immunology</i> , 2000, 165, 1182-1190.	0.8	123
12	Role of PD-1 co-inhibitory pathway in HIV infection and potential therapeutic options. <i>Retrovirology</i> , 2015, 12, 14.	2.0	119
13	Characterization of the MHC class I cross-presentation pathway for cell-associated antigens by human dendritic cells. <i>Blood</i> , 2003, 102, 4448-4455.	1.4	111
14	EBNA1-specific CD4+ T cells in healthy carriers of Epstein-Barr virus are primarily Th1 in function. <i>Journal of Clinical Investigation</i> , 2001, 107, 121-130.	8.2	109
15	Activation of HIV-1 specific CD4 and CD8 T cells by human dendritic cells: roles for cross-presentation and non-infectious HIV-1 virus. <i>Aids</i> , 2002, 16, 1319-1329.	2.2	102
16	Molecular signatures of T-cell inhibition in HIV-1 infection. <i>Retrovirology</i> , 2013, 10, 31.	2.0	97
17	Interleukin 1 β Sustains the Expression of Inflammatory Factors in Human Pancreatic Cancer Microenvironment by Targeting Cancer-Associated Fibroblasts. <i>Neoplasia</i> , 2011, 13, 664-IN3.	5.3	95
18	Efficiency of cross presentation of vaccinia virus-derived antigens by human dendritic cells. <i>European Journal of Immunology</i> , 2001, 31, 3432-3442.	2.9	92

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19	Generation of high quantities of viral and tumor-specific human CD4+ and CD8+ T-cell clones using peptide pulsed mature dendritic cells. <i>Journal of Immunological Methods</i> , 2001, 258, 111-126.	1.4	89
20	Attrition of TCR V α 7.2+ CD161++ MAIT Cells in HIV-Tuberculosis Co-Infection Is Associated with Elevated Levels of PD-1 Expression. <i>PLoS ONE</i> , 2015, 10, e0124659.	2.5	85
21	The Desmoplastic Stroma Plays an Essential Role in the Accumulation and Modulation of Infiltrated Immune Cells in Pancreatic Adenocarcinoma. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-12.	3.3	80
22	Delivery of a peptide via poly(d,l-lactic-co-glycolic) acid nanoparticles enhances its dendritic cell-stimulatory capacity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 651-661.	3.3	78
23	Hyper-Expression of PD-1 Is Associated with the Levels of Exhausted and Dysfunctional Phenotypes of Circulating CD161++TCR V α 7.2+ Mucosal-Associated Invariant T Cells in Chronic Hepatitis B Virus Infection. <i>Frontiers in Immunology</i> , 2018, 9, 472.	4.8	78
24	Mature Dendritic Cells Infected with Canarypox Virus Elicit Strong Anti-Human Immunodeficiency Virus CD8+and CD4+ T-Cell Responses from Chronically Infected Individuals. <i>Journal of Virology</i> , 2001, 75, 2142-2153.	3.4	76
25	Strong Human Immunodeficiency Virus (HIV)-Specific CD4+T Cell Responses in a Cohort of Chronically Infected Patients Are Associated with Interruptions in Anti-HIV Chemotherapy. <i>Journal of Infectious Diseases</i> , 2000, 181, 1264-1272.	4.0	75
26	TLR4-dependent activation of dendritic cells by an HMGB1-derived peptide adjuvant. <i>Journal of Translational Medicine</i> , 2014, 12, 211.	4.4	75
27	Peripheral loss of CD8+CD161+TCRV α 7.2+ mucosal-associated invariant T cells in chronic hepatitis C virus-infected patients. <i>European Journal of Clinical Investigation</i> , 2016, 46, 170-180.	3.4	75
28	MicroRNA-199a and -214 as potential therapeutic targets in pancreatic stellate cells in pancreatic tumor. <i>Oncotarget</i> , 2016, 7, 16396-16408.	1.8	72
29	Semi Mature Blood Dendritic Cells Exist in Patients with Ductal Pancreatic Adenocarcinoma Owing to Inflammatory Factors Released from the Tumor. <i>PLoS ONE</i> , 2010, 5, e13441.	2.5	69
30	Aberrant Inflammasome Activation Characterizes Tuberculosis-Associated Immune Reconstitution Inflammatory Syndrome. <i>Journal of Immunology</i> , 2016, 196, 4052-4063.	0.8	67
31	Could SARS-CoV-2-Induced Hyperinflammation Magnify the Severity of Coronavirus Disease (CoViD-19) Leading to Acute Respiratory Distress Syndrome?. <i>Frontiers in Immunology</i> , 2020, 11, 1206.	4.8	67
32	Immune Biomarkers for Diagnosis and Treatment Monitoring of Tuberculosis: Current Developments and Future Prospects. <i>Frontiers in Microbiology</i> , 2019, 10, 2789.	3.5	66
33	HIV-Mycobacterium tuberculosis co-infection: a "danger-couple model"™ of disease pathogenesis. <i>Pathogens and Disease</i> , 2014, 70, 110-118.	2.0	65
34	Lack of Phenotypic and Functional Impairment in Dendritic Cells from Chimpanzees Chronically Infected with Hepatitis C Virus. <i>Journal of Virology</i> , 2004, 78, 6151-6161.	3.4	64
35	Dendritic cells generated from blood monocytes of HIV-1 patients are not infected and act as competent antigen presenting cells eliciting potent T-cell responses. <i>Immunology Letters</i> , 1999, 66, 121-128.	2.5	61
36	Interactions between dead cells and dendritic cells in the induction of antiviral CTL responses. <i>Current Opinion in Immunology</i> , 2002, 14, 471-477.	5.5	56

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37	Changes in Frequency of HIV-1-Specific Cytotoxic T Cell Precursors and Circulating Effectors after Combination Antiretroviral Therapy in Children. <i>Journal of Infectious Diseases</i> , 1999, 180, 359-368.	4.0	55
38	Autophagy induction targeting mTORC1 enhances Mycobacterium tuberculosis replication in HIV co-infected human macrophages. <i>Scientific Reports</i> , 2016, 6, 28171.	3.3	54
39	Expression of a Broad Array of Negative Costimulatory Molecules and Blimp-1 in T Cells following Priming by HIV-1 Pulsed Dendritic Cells. <i>Molecular Medicine</i> , 2011, 17, 229-240.	4.4	53
40	DC-virus interplay: a double edged sword. <i>Seminars in Immunology</i> , 2004, 16, 147-161.	5.6	50
41	Decrease of CD69 levels on TCR $\alpha\beta$ ⁺ CD4 ⁺ innate-like lymphocytes is associated with impaired cytotoxic functions in chronic hepatitis B virus-infected patients. <i>Innate Immunity</i> , 2017, 23, 459-467.	2.4	49
42	Pancreatic adenocarcinoma exerts systemic effects on the peripheral blood myeloid and plasmacytoid dendritic cells: an indicator of disease severity?. <i>BMC Cancer</i> , 2010, 10, 87.	2.6	45
43	Complement Opsonization of HIV-1 Results in Decreased Antiviral and Inflammatory Responses in Immature Dendritic Cells via CR3. <i>Journal of Immunology</i> , 2014, 193, 4590-4601.	0.8	44
44	Presentation of Epstein-Barr virus latency antigens to CD8 ⁺ , interferon- γ -secreting, T lymphocytes. <i>European Journal of Immunology</i> , 1999, 29, 3995-4001.	2.9	42
45	The Role of MicroRNA-200 in Progression of Human Colorectal and Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e84815.	2.5	42
46	Chronic hepatitis C virus infection triggers spontaneous differential expression of biosignatures associated with T cell exhaustion and apoptosis signaling in peripheral blood mononucleocytes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 466-480.	4.9	41
47	In Vitro Priming Recapitulates In Vivo HIV-1 Specific T Cell Responses, Revealing Rapid Loss of Virus Reactive CD4 ⁺ T Cells in Acute HIV-1 Infection. <i>PLoS ONE</i> , 2009, 4, e4256.	2.5	40
48	p38 Mitogen-Activated Protein Kinase/Signal Transducer and Activator of Transcription-3 Pathway Signaling Regulates Expression of Inhibitory Molecules in T Cells Activated by HIV-1-Exposed Dendritic Cells. <i>Molecular Medicine</i> , 2012, 18, 1169-1182.	4.4	40
49	Functional role of mucosal-associated invariant T cells in HIV infection. <i>Journal of Leukocyte Biology</i> , 2016, 100, 305-314.	3.3	40
50	Amplification of low-frequency antiviral CD8 T cell responses using autologous dendritic cells. <i>Aids</i> , 2002, 16, 171-180.	2.2	39
51	Pathways utilized by dendritic cells for binding, uptake, processing and presentation of antigens derived from HIV-1. <i>European Journal of Immunology</i> , 2007, 37, 1752-1763.	2.9	39
52	HIV-1 impairs <i>in vitro</i> priming of naïve T cells and gives rise to contact-dependent suppressor T cells. <i>European Journal of Immunology</i> , 2010, 40, 2248-2258.	2.9	38
53	Characterization of a molten globule state of bovine carbonic anhydrase III: loss of asymmetrical environment of the aromatic residues has a profound effect on both the near- and far-UV CD spectrum. <i>BBA - Proteins and Proteomics</i> , 1999, 1430, 111-118.	2.1	34
54	IL-1 β Expression in Pancreatic Ductal Adenocarcinoma Affects the Tumor Cell Migration and Is Regulated by the p38MAPK Signaling Pathway. <i>PLoS ONE</i> , 2013, 8, e70874.	2.5	34

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55	Complement Opsonization of HIV-1 Enhances the Uptake by Dendritic Cells and Involves the Endocytic Lectin and Integrin Receptor Families. <i>PLoS ONE</i> , 2011, 6, e23542.	2.5	29
56	The role of dendritic cells in the pathogenesis of HIV-1 infection. <i>Apmis</i> , 2003, 111, 776-788.	2.0	28
57	HIV-1 and the hijacking of dendritic cells: a tug of war. <i>Seminars in Immunopathology</i> , 2005, 26, 309-328.	4.0	27
58	Vitamin D enhances IL-1 β secretion and restricts growth of <i>Mycobacterium tuberculosis</i> in macrophages from TB patients. <i>International Journal of Mycobacteriology</i> , 2013, 2, 18-25.	0.6	27
59	Viral Persistence and Chronicity in Hepatitis C Virus Infection: Role of T-Cell Apoptosis, Senescence and Exhaustion. <i>Cells</i> , 2018, 7, 165.	4.1	27
60	Soluble Urokinase Plasminogen Activator Receptor (suPAR) Independently Predicts Severity and Length of Hospitalisation in Patients With COVID-19. <i>Frontiers in Medicine</i> , 2021, 8, 791716.	2.6	27
61	Residual Viral Replication during Antiretroviral Therapy Boosts Human Immunodeficiency Virus Type 1-Specific CD8 + T-Cell Responses in Subjects Treated Early after Infection. <i>Journal of Virology</i> , 2002, 76, 411-415.	3.4	25
62	Dendritic cell activation by sensing <i>Mycobacterium tuberculosis</i> â€œinduced apoptotic neutrophils via DC-SIGN. <i>Human Immunology</i> , 2010, 71, 535-540.	2.4	24
63	Blocking of integrins inhibits HIV-1 infection of human cervical mucosa immune cells with free and complementâ€œopsonized virions. <i>European Journal of Immunology</i> , 2013, 43, 2361-2372.	2.9	23
64	Dendritic Cellâ€œDead Cell Interactions: Implications and Relevance for Immunotherapy. <i>Journal of Immunotherapy</i> , 2001, 24, 294-304.	2.4	22
65	CD8+ T cells of chronic HCV-infected patients express multiple negative immune checkpoints following stimulation with HCV peptides. <i>Cellular Immunology</i> , 2017, 313, 1-9.	3.0	22
66	Plasma protein profiling reflects TH1-driven immune dysregulation in common variable immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 417-428.	2.9	22
67	Regulation of CD8+ T-cell cytotoxicity in HIV-1 infection. <i>Cellular Immunology</i> , 2015, 298, 126-133.	3.0	21
68	HIV/Human herpesvirus co-infections: Impact on tryptophan-kynurenine pathway and immune reconstitution. <i>PLoS ONE</i> , 2017, 12, e0186000.	2.5	21
69	Dendritic Cell Amplification of HIV Type 1-Specific CD8+T Cell Responses in Exposed, Seronegative Heterosexual Women. <i>AIDS Research and Human Retroviruses</i> , 2002, 18, 805-815.	1.1	20
70	Negative Checkpoint Regulatory Molecule 2B4 (CD244) Upregulation Is Associated with Invariant Natural Killer T Cell Alterations and Human Immunodeficiency Virus Disease Progression. <i>Frontiers in Immunology</i> , 2017, 8, 338.	4.8	20
71	Complement opsonization of HIV -1 results in a different intracellular processing pattern and enhanced MHC class I presentation by dendritic cells. <i>European Journal of Immunology</i> , 2013, 43, 1470-1483.	2.9	18
72	Enhanced anti-tumor immune responses and delay of tumor development in human epidermal growth factor receptor 2 mice immunized with an immunostimulatory peptide in poly(D,L-lactic-co-glycolic) acid nanoparticles. <i>Breast Cancer Research</i> , 2015, 17, 48.	5.0	17

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73	Increased frequency of late senescent T cells lacking CD127 in chronic hepatitis C disease. <i>European Journal of Clinical Investigation</i> , 2015, 45, 466-474.	3.4	17
74	Endocine, N3OA and N3OASq; Three Mucosal Adjuvants That Enhance the Immune Response to Nasal Influenza Vaccination. <i>PLoS ONE</i> , 2013, 8, e70527.	2.5	17
75	HIV Interferes with Mycobacterium tuberculosis Antigen Presentation in Human Dendritic Cells. <i>American Journal of Pathology</i> , 2016, 186, 3083-3093.	3.8	15
76	Complement Opsonization Promotes Herpes Simplex Virus 2 Infection of Human Dendritic Cells. <i>Journal of Virology</i> , 2016, 90, 4939-4950.	3.4	15
77	Concurrent loss of co-stimulatory molecules and functional cytokine secretion attributes leads to proliferative senescence of CD8+ T cells in HIV/TB co-infection. <i>Cellular Immunology</i> , 2015, 297, 19-32.	3.0	13
78	Impaired NK Cell Activation and Chemotaxis toward Dendritic Cells Exposed to Complement-Opsonized HIV-1. <i>Journal of Immunology</i> , 2015, 195, 1698-1704.	0.8	13
79	Efferocytosis of Apoptotic Neutrophils Enhances Control of Mycobacterium tuberculosis in HIV-Coinfected Macrophages in a Myeloperoxidase-Dependent Manner. <i>Journal of Innate Immunity</i> , 2020, 12, 235-247.	3.8	12
80	HIV-Infected Individuals on ART With Impaired Immune Recovery Have Altered Plasma Metabolite Profiles. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab288.	0.9	12
81	Comparison of Surrogate Markers of the Type I Interferon Response and Their Ability to Mirror Disease Activity in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2021, 12, 688753.	4.8	12
82	Targeting HIV-1 innate immune responses therapeutically. <i>Current Opinion in HIV and AIDS</i> , 2011, 6, 435-443.	3.8	11
83	Complement-Opsonized HIV-1 Alters Cross Talk Between Dendritic Cells and Natural Killer (NK) Cells to Inhibit NK Killing and to Upregulate PD-1, CXCR3, and CCR4 on T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 899.	4.8	11
84	Chronic inflammation involves CCL11 and IL-13 to facilitate the development of liver cirrhosis and fibrosis in chronic hepatitis B virus infection. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2021, 81, 147-159.	1.2	11
85	Mobilization of annexin V during the uptake of DNP-albumin by human dendritic cells. <i>Apmis</i> , 1995, 103, 855-861.	2.0	10
86	Mechanistic insights on immunosenescence and chronic immune activation in HIV-tuberculosis co-infection. <i>World Journal of Virology</i> , 2015, 4, 17.	2.9	10
87	HIV Interferes with the Dendritic Cell-T Cell Axis of Macrophage Activation by Shifting Mycobacterium tuberculosis-Specific CD4 T Cells into a Dysfunctional Phenotype. <i>Journal of Immunology</i> , 2019, 202, 816-826.	0.8	9
88	MAIT Cells Balance the Requirements for Immune Tolerance and Anti-Microbial Defense During Pregnancy. <i>Frontiers in Immunology</i> , 2021, 12, 718168.	4.8	9
89	Comparative expression of pro-inflammatory and apoptotic biosignatures in chronic HBV-infected patients with and without liver cirrhosis. <i>Microbial Pathogenesis</i> , 2021, 161, 105231.	2.9	9
90	Human IgM monoclonal antibodies block HIV-transmission to immune cells in cervico-vaginal tissues and across polarized epithelial cells in vitro. <i>Scientific Reports</i> , 2018, 8, 10180.	3.3	8

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91	HSV-2 Cellular Programming Enables Productive HIV Infection in Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2889.	4.8	7
92	Asymptomatic SARS-CoV-2 infection: is it all about being refractile to innate immune sensing of viral spare-parts?â€”Clues from exotic animal reservoirs. <i>Pathogens and Disease</i> , 2021, 79, .	2.0	7
93	The Dendritic Cell: The Immune Systemâ€™s Adjuvantâ€™A Strategy To Develop a HCV Vaccine?. <i>Gastroenterology</i> , 2006, 130, 603-606.	1.3	6
94	Specific T-cell responses for guiding treatment with convalescent plasma in severe COVID-19 and humoral immunodeficiency: a case report. <i>BMC Infectious Diseases</i> , 2022, 22, 362.	2.9	6
95	Factors Associated With the Decay of Anti-SARS-CoV-2 S1 IgG Antibodies Among Recipients of an Adenoviral Vector-Based AZD1222 and a Whole-Virion Inactivated BBV152 Vaccine. <i>Frontiers in Medicine</i> , 0, 9, .	2.6	6
96	Complement opsonization of HIV affects primary infection of human colorectal mucosa and subsequent activation of T cells. <i>ELife</i> , 2020, 9, .	6.0	5
97	Rapid ion-exchange chromatography for preparative separation of proteins IV. Application to bovine carbonic anhydrase III from skeletal muscle. <i>Journal of Chromatography A</i> , 1991, 588, 139-145.	3.7	3
98	Interactions of viruses with dendritic cells. , 2001, , 505-522.		3
99	Complement-Opsonized HIV Modulates Pathways Involved in Infection of Cervical Mucosal Tissues: A Transcriptomic and Proteomic Study. <i>Frontiers in Immunology</i> , 2021, 12, 625649.	4.8	2
100	SARS-CoV-2 Specific Antibody Response and T Cell-Immunity in Immunocompromised Patients up to Six Months Post COVID: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 3535.	2.4	2
101	Peripheral Follicular T Helper Cells and Mucosal-Associated Invariant T Cells Represent Activated Phenotypes During the Febrile Phase of Acute Dengue Virus Infection. <i>Viral Immunology</i> , 2020, 33, 610-615.	1.3	1
102	Annexin Expression in Human Dendritic Cells. <i>Advances in Experimental Medicine and Biology</i> , 1995, 378, 191-193.	1.6	1
103	MAIT cells in hepatitis B virus infection â€” Diplomatic front-runners in the fight against HBV disease. <i>Critical Reviews in Immunology</i> , 2021, 41, 1-16.	0.5	1
104	Hepatitis C virus infection contributes to impregnation of markers of immune inhibition: potential preludes underlying viral latency and persistence. <i>BMC Infectious Diseases</i> , 2014, 14, .	2.9	0
105	Brief Report: Diminished Coinhibitory Molecule 2B4 Expression Is Associated With Preserved iNKT Cell Phenotype in HIV Long-Term Nonprogressors. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020, 85, 73-78.	2.1	0
106	Dead-cell-associated proteins are an important source of antigens for cross-presentation by dendritic cells. <i>Nature Reviews Immunology</i> , 2004, 4, 656-656.	22.7	0
107	Endocytosis of Potential Contact Sensitizers by Human Dendritic Cells. <i>Advances in Experimental Medicine and Biology</i> , 1993, 329, 593-597.	1.6	0
108	Understanding Immune Senescence, Exhaustion, and Immune Activation in HIVâ€™Tuberculosis Coinfection. , 2018, , 1-15.		0

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109	Understanding Immune Senescence, Exhaustion, and Immune Activation in HIV/Tuberculosis Coinfection. , 2019, , 1819-1833.		0