Mattias Svensson

List of Publications by Year
in descending order

54	3,562	218381	168136
papers	citations	26 h-index	53 g-index

55	55	55	8687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robust T Cell Immunity in Convalescent Individuals with Asymptomatic or Mild COVID-19. Cell, 2020, 183, 158-168.e14.	13.5	1,561
2	Stromal Cells Direct Local Differentiation of Regulatory Dendritic Cells. Immunity, 2004, 21, 805-816.	6.6	170
3	Oxysterol Sensing through the Receptor GPR183 Promotes the Lymphoid-Tissue-Inducing Function of Innate Lymphoid Cells and Colonic Inflammation. Immunity, 2018, 48, 120-132.e8.	6.6	149
4	MAIT cell activation and dynamics associated with COVID-19 disease severity. Science Immunology, 2020, 5, .	5.6	147
5	Human lung natural killer cells are predominantly comprised of highly differentiated hypofunctional CD69 â^' CD56 dim cells. Journal of Allergy and Clinical Immunology, 2017, 139, 1321-1330.e4.	1.5	113
6	Major alterations in the mononuclear phagocyte landscape associated with COVID-19 severity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	104
7	Compartmentalization of Immune Responses in Human Tuberculosis. American Journal of Pathology, 2009, 174, 2211-2224.	1.9	99
8	Tissue-infiltrating neutrophils represent the main source of IL-23 in the colon of patients with IBD. Gut, 2016, 65, 1632-1641.	6.1	87
9	Progression of clinical tuberculosis is associated with a Th2 immune response signature in combination with elevated levels of SOCS3. Clinical Immunology, 2014, 151, 84-99.	1.4	63
10	Risk Factors and Predictors of Mortality in Streptococcal Necrotizing Soft-tissue Infections: A Multicenter Prospective Study. Clinical Infectious Diseases, 2021, 72, 293-300.	2.9	61
11	Biofilm in group A streptococcal necrotizing soft tissue infections. JCI Insight, 2016, 1, e87882.	2.3	61
12	Stromal-cell regulation of dendritic-cell differentiation and function. Trends in Immunology, 2006, 27, 580-587.	2.9	53
13	Modeling Mycobacterium tuberculosis early granuloma formation in experimental human lung tissue. DMM Disease Models and Mechanisms, 2014, 7, 281-8.	1.2	53
14	High-dimensional profiling reveals phenotypic heterogeneity and disease-specific alterations of granulocytes in COVID-19. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	52
15	Pulmonary tuberculosis patients with a vitamin D deficiency demonstrate low local expression of the antimicrobial peptide LL-37 but enhanced FoxP3+ regulatory T cells and IgG-secreting cells. Clinical Immunology, 2015, 156, 85-97.	1.4	51
16	Dendritic cell functional properties in a three-dimensional tissue model of human lung mucosa. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L226-L237.	1.3	50
17	The vitamin D analogue calcipotriol promotes an anti-tumorigenic phenotype of human pancreatic CAFs but reduces T cell mediated immunity. Scientific Reports, 2020, 10, 17444.	1.6	49
18	Modeling staphylococcal pneumonia in a human 3D lung tissue model system delineates toxin-mediated pathology. DMM Disease Models and Mechanisms, 2015, 8, 1413-25.	1.2	47

#	Article	IF	Citations
19	Association between cytokine response, the LRINEC score and outcome in patients with necrotising soft tissue infection: a multicentre, prospective study. Scientific Reports, 2017, 7, 42179.	1.6	44
20	Increased cytotoxicity and streptolysin O activity in group G streptococcal strains causing invasive tissue infections. Scientific Reports, 2015, 5, 16945.	1.6	36
21	Genetic Architecture of Group A Streptococcal Necrotizing Soft Tissue Infections in the Mouse. PLoS Pathogens, 2016, 12, e1005732.	2.1	32
22	A point mutation in AgrC determines cytotoxic or colonizing properties associated with phenotypic variants of ST22 MRSA strains. Scientific Reports, 2016, 6, 31360.	1.6	32
23	Polarization of Human Monocyte-Derived Cells With Vitamin D Promotes Control of Mycobacterium tuberculosis Infection. Frontiers in Immunology, 2019, 10, 3157.	2.2	32
24	S100A12 Expression Is Modulated During Monocyte Differentiation and Reflects Periodontitis Severity. Frontiers in Immunology, 2020, 11, 86.	2.2	32
25	MMP-12 and S100s in saliva reflect different aspects of periodontal inflammation. Cytokine, 2019, 113, 155-161.	1.4	30
26	Cannabinoids Affect Dendritic Cell (DC) Potassium Channel Function and Modulate DC T Cell Stimulatory Capacity. Journal of Immunology, 2008, 181, 3057-3066.	0.4	28
27	A 3D Human Lung Tissue Model for Functional Studies on Mycobacterium tuberculosis Infection. Journal of Visualized Experiments, 2015, , .	0.2	27
28	Infection with genotoxinâ€producingSalmonella entericasynergises with loss of the tumour suppressorAPCin promoting genomic instability via the PI3K pathway in colonic epithelial cells. Cellular Microbiology, 2019, 21, e13099.	1.1	26
29	Stromal Cell-Derived CXCL12 and CCL8 Cooperate To Support Increased Development of Regulatory Dendritic Cells FollowingLeishmaniaInfection. Journal of Immunology, 2010, 185, 2360-2371.	0.4	25
30	Detection of IL-17A-producing peripheral blood monocytes in Langerhans cell histiocytosis patients. Clinical Immunology, 2014, 153, 112-122.	1.4	24
31	Gingival Tissue Inflammation Promotes Increased Matrix Metalloproteinase-12 Production by CD200Rlow Monocyte-Derived Cells in Periodontitis. Journal of Immunology, 2017, 199, 4023-4035.	0.4	23
32	Levels of Alpha-Toxin Correlate with Distinct Phenotypic Response Profiles of Blood Mononuclear Cells and with agr Background of Community-Associated Staphylococcus aureus Isolates. PLoS ONE, 2014, 9, e106107.	1.1	20
33	Andes Hantavirus-Infection of a 3D Human Lung Tissue Model Reveals a Late Peak in Progeny Virus Production Followed by Increased Levels of Proinflammatory Cytokines and VEGF-A. PLoS ONE, 2016, 11, e0149354.	1.1	20
34	Mannose receptorâ€derived peptides neutralize poreâ€forming toxins and reduce inflammation and development of pneumococcal disease. EMBO Molecular Medicine, 2020, 12, e12695.	3.3	19
35	Correlation Between Immunoglobulin Dose Administered and Plasma Neutralization of Streptococcal Superantigens in Patients With Necrotizing Soft Tissue Infections. Clinical Infectious Diseases, 2020, 71, 1772-1775.	2.9	18
36	Integrated Univariate, Multivariate, and Correlation-Based Network Analyses Reveal Metabolite-Specific Effects on Bacterial Growth and Biofilm Formation in Necrotizing Soft Tissue Infections. Journal of Proteome Research, 2020, 19, 688-698.	1.8	16

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37	Technical Advance: Live-imaging analysis of human dendritic cell migrating behavior under the influence of immune-stimulating reagents in an organotypic model of lung. Journal of Leukocyte Biology, 2014, 96, 481-489.	1.5	13
38	Dendritic Cell Regulation by Cannabinoid-Based Drugs. Pharmaceuticals, 2010, 3, 2733-2750.	1.7	12
39	Adsorptive depletion of blood monocytes reduces the levels of circulating interleukin-17A in Langerhans cell histiocytosis. Blood, 2016, 128, 1302-1305.	0.6	11
40	Pathogenic Mechanisms of Streptococcal Necrotizing Soft Tissue Infections. Advances in Experimental Medicine and Biology, 2020, 1294, 127-150.	0.8	10
41	Patients with both Langerhans cell histiocytosis and Crohnâ€™s disease highlight a common role of interleukinâ€23. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 1315-1321.	0.7	8
42	Discriminatory plasma biomarkers predict specific clinical phenotypes of necrotizing soft-tissue infections. Journal of Clinical Investigation, 2021, 131, .	3.9	7
43	COVIDâ€19â€specific metabolic imprint yields insights into multiorgan system perturbations. European Journal of Immunology, 2022, 52, 503-510.	1.6	7
44	Immunosuppressive Features of the Microenvironment in Lymph Nodes Granulomas from Tuberculosis and HIVâ€“Co-Infected Patients. American Journal of Pathology, 2022, 192, 653-670.	1.9	7
45	Modulatory effects on dendritic cells by human herpesvirus 6. Frontiers in Microbiology, 2015, 6, 388.	1.5	6
46	Systems Biology and Biomarkers in Necrotizing Soft Tissue Infections. Advances in Experimental Medicine and Biology, 2020, 1294, 167-186.	0.8	4
47	The Karolinska <scp>KI</scp>/K <scp>COVID</scp>â€19 immune atlas: An open resource for immunological research and educational purposes. Scandinavian Journal of Immunology, 2022, 96, .	1.3	4
48	Host and Pathogen Communication in the Respiratory Tract: Mechanisms and Models of a Complex Signaling Microenvironment. Frontiers in Medicine, 2020, 7, 537.	1.2	3
49	Isolation and Culture of Human Hematopoietic Progenitors for Studies of Dendritic Cell Biology. Methods in Molecular Biology, 2009, 531, 187-202.	0.4	3
50	In vivo engineering of mobilized stem cell grafts with the immunomodulatory drug FTY720 for allogeneic transplantation. European Journal of Immunology, 2016, 46, 1758-1769.	1.6	2
51	Novel Models to Study Stromal Cell-Leukocyte Interactions in Health and Disease. Advances in Experimental Medicine and Biology, 2018, 1060, 131-146.	0.8	2
52	Human Organotypic Respiratory Models. Current Topics in Microbiology and Immunology, 2018, , 29-54.	0.7	1
53	High prevalence of peripheral lymphopenia in Langerhans cell histiocytosis. British Journal of Haematology, 2020, 191, 115-119.	1.2	1
54	The INFECT-Project: An International and Multidisciplinary Project on Necrotizing Soft Tissue Infections. Advances in Experimental Medicine and Biology, 2020, 1294, 1-6.	0.8	0