Fredrik Wermeling

List of Publications by Year in descending order

42 papers	2,194 citations	394286 19 h-index	345118 36 g-index
47 all docs	47 docs citations	47 times ranked	3289 citing authors

#	Article	IF	Citations
1	Intravenous gammaglobulin suppresses inflammation through a novel TH2 pathway. Nature, 2011, 475, 110-113.	13.7	565
2	Identification of a receptor required for the anti-inflammatory activity of IVIG. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19571-19578.	3.3	489
3	Novel roles for the IgG Fc glycan. Annals of the New York Academy of Sciences, 2012, 1253, 170-180.	1.8	160
4	Class A scavenger receptors regulate tolerance against apoptotic cells, and autoantibodies against these receptors are predictive of systemic lupus. Journal of Experimental Medicine, 2007, 204, 2259-2265.	4.2	114
5	WASP confers selective advantage for specific hematopoietic cell populations and serves a unique role in marginal zone B-cell homeostasis and function. Blood, 2008, 112, 4139-4147.	0.6	99
6	Invariant NKT cells limit activation of autoreactive CD1d-positive B cells. Journal of Experimental Medicine, 2010, 207, 943-952.	4.2	85
7	FNDC4 acts as an anti-inflammatory factor on macrophages and improves colitis in mice. Nature Communications, 2016, 7, 11314.	5.8	71
8	Cartilage-binding antibodies induce pain through immune complexâ€“mediated activation of neurons. Journal of Experimental Medicine, 2019, 216, 1904-1924.	4.2	71
9	A regulatory role for macrophage class A scavenger receptors in TLR4â€mediated LPS responses. European Journal of Immunology, 2010, 40, 1451-1460.	1.6	52
10	Germinal Centerâ€“Derived Antibodies Promote Atherosclerosis Plaque Size and Stability. Circulation, 2019, 139, 2466-2482.	1.6	51
11	Differential ACPA Binding to Nuclear Antigens Reveals a PAD-Independent Pathway and a Distinct Subset of Acetylation Cross-Reactive Autoantibodies in Rheumatoid Arthritis. Frontiers in Immunology, 2019, 9, 3033.	2.2	43
12	Prolonged antigenâ€exposure with carbohydrate particle based vaccination prevents allergic immune responses in sensitized mice. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 919-926.	2.7	38
13	IL-4 controls activated neutrophil FcÎ³R2b expression and migration into inflamed joints. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3103-3113.	3.3	28
14	An anatomical view on macrophages in tolerance. Autoimmunity Reviews, 2009, 9, 49-52.	2.5	25
15	Autoimmunity and cystatin SA1 deficiency behind chronic mucocutaneous candidiasis in autoimmune polyendocrine syndrome type 1. Journal of Autoimmunity, 2013, 42, 1-6.	3.0	24
16	Invariant Natural Killer T (iNKT) Cells Prevent Autoimmunity, but Induce Pulmonary Inflammation in Cystic Fibrosis. Cellular Physiology and Biochemistry, 2014, 34, 56-70.	1.1	24
17	Rituximab-mediated late-onset neutropenia in systemic lupus erythematosus â€“ distinct roles of BAFF and APRIL. Lupus, 2018, 27, 1470-1478.	0.8	24
18	Acute inflammation primes myeloid effector cells for anti-inflammatory STAT6 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13487-13491.	3.3	22

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19	IL-2 in the tumor microenvironment is necessary for Wiskott-Aldrich syndrome protein deficient NK cells to respond to tumors in vivo. Scientific Reports, 2016, 6, 30636.	1.6	22
20	Neutrophil Recruitment to Noninvasive MRSA at the Stratum Corneum of Human Skin Mediates Transient Colonization. Cell Reports, 2019, 29, 1074-1081.e5.	2.9	19
21	CRISPR/Cas9-Induced DNA Damage Enriches for Mutations in a p53-Linked Interactome: Implications for CRISPR-Based Therapies. Cancer Research, 2022, 82, 36-45.	0.4	19
22	Scavenger receptors as regulators of natural antibody responses and B cell activation in autoimmunity. Molecular Immunology, 2011, 48, 1307-1318.	1.0	18
23	Cutting Edge: Marginal Zone Macrophages Regulate Antigen Transport by B Cells to the Follicle in the Spleen via CD21. Journal of Immunology, 2016, 197, 2063-2068.	0.4	17
24	An intronic deletion in megakaryoblastic leukemia 1 is associated with hyperproliferation of B cells in triplets with Hodgkin lymphoma. Haematologica, 2020, 105, 1339-1350.	1.7	13
25	Selective Memory to Apoptotic Cellâ€“Derived Self-Antigens with Implications for Systemic Lupus Erythematosus Development. Journal of Immunology, 2016, 197, 2618-2626.	0.4	12
26	Green listedâ€”a CRISPR screen tool. Bioinformatics, 2017, 33, 1099-1100.	1.8	12
27	A Role for the Transcription Factor Arid3a in Mouse B2 Lymphocyte Expansion and Peritoneal B1a Generation. Frontiers in Immunology, 2017, 8, 1387.	2.2	12
28	Biased TCR gene usage in citrullinated Tenascin C specific T-cells in rheumatoid arthritis. Scientific Reports, 2021, 11, 24512.	1.6	12
29	Designing custom CRISPR libraries for hypothesis-driven drug target discovery. Computational and Structural Biotechnology Journal, 2020, 18, 2237-2246.	1.9	10
30	Circulating soluble CTLA-4 is related to inflammatory markers in the 70 year old population. Scandinavian Journal of Clinical and Laboratory Investigation, 2010, 70, 237-243.	0.6	9
31	Estimating Detection Limits of Potentiometric DNA Sensors Using Surface Plasmon Resonance Analyses. ACS Sensors, 2020, 5, 217-224.	4.0	9
32	In vitro and ex vivo functional characterization of human HLA-DRB1âˆ—04 restricted T cell receptors. Journal of Translational Autoimmunity, 2021, 4, 100087.	2.0	7
33	Modulating T-cell activation with antisense oligonucleotides targeting lymphocyte cytosolic protein 2. Journal of Autoimmunity, 2022, 131, 102857.	3.0	6
34	Reply to Bayry et al.: The anti-inflammatory activity of sialylated IgG Fcs. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E25-E25.	3.3	4
35	In Vivo Lentiviral Gene Delivery of HLA-DR and Vaccination of Humanized Mice for Improving the Human T and B Cell Immune Reconstitution. Biomedicines, 2021, 9, 961.	1.4	3
36	A rapid CRISPR competitive assay for in vitro and in vivo discovery of potential drug targets affecting the hematopoietic system. Computational and Structural Biotechnology Journal, 2021, 19, 5360-5370.	1.9	2

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37	A CRISPR-p53 interactome with potential implications for clinical CRISPR/Cas9 use. Oncoscience, 2022, 9, 27-29.	0.9	2
38	Identifying novel B-cell targets for chronic inflammatory autoimmune disease by screening of chemical probes in a patient-derived cell assay. Translational Research, 2021, 229, 69-82.	2.2	1
39	F.65. The Wiskott-Aldrich Syndrome Protein is Essential for Development and Correct Function of the Marginal Zone. Clinical Immunology, 2008, 127, S64.	1.4	0
40	Autoimmunity and cystatin SA 1 deficiency behind chronic mucocutaneous candidiasis in autoimmune polyendocrine syndrome. Journal of Translational Medicine, 2012, 10, .	1.8	0
41	SAT0239â€...Late-onset neutropenia following rituximab treatment in systemic lupus erythematosus â€“ a role of the baff/april pathway. , 2017, , .		0
42	P021â€...Differential ACPA binding to nuclear antigens reveals a distinct subset of acetylation cross-reactive autoantibodies in rheumatoid arthritis. , 2019, , .		0