

Fredrik Wermeling

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

1,816
citations

18
h-index

42
g-index

47
ext. papers

2,134
ext. citations

9.5
avg, IF

4.54
L-index

#	Paper	IF	Citations
37	A CRISPR-p53 interactome with potential implications for clinical CRISPR/Cas9 use.. <i>Oncoscience</i> , 2022 , 9, 27-29	0.8	
36	CRISPR/Cas9-induced DNA damage enriches for mutations in a p53-linked interactome: implications for CRISPR-based therapies. <i>Cancer Research</i> , 2021 ,	10.1	3
35	Identifying novel B-cell targets for chronic inflammatory autoimmune disease by screening of chemical probes in a patient-derived cell assay. <i>Translational Research</i> , 2021 , 229, 69-82	11	0
34	A rapid CRISPR competitive assay for and discovery of potential drug targets affecting the hematopoietic system. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 5360-5370	6.8	0
33	and functional characterization of human HLA-DRB1*04 restricted T cell receptors. <i>Journal of Translational Autoimmunity</i> , 2021 , 4, 100087	4.1	4
32	Biased TCR gene usage in citrullinated Tenascin C specific T-cells in rheumatoid arthritis.. <i>Scientific Reports</i> , 2021 , 11, 24512	4.9	2
31	An intronic deletion in megakaryoblastic leukemia 1 is associated with hyperproliferation of B cells in triplets with Hodgkin lymphoma. <i>Haematologica</i> , 2020 , 105, 1339-1350	6.6	6
30	IL-4 controls activated neutrophil Fc γ 2b expression and migration into inflamed joints. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 3103-3113	11.5	11
29	Estimating Detection Limits of Potentiometric DNA Sensors Using Surface Plasmon Resonance Analyses. <i>ACS Sensors</i> , 2020 , 5, 217-224	9.2	7
28	Designing custom CRISPR libraries for hypothesis-driven drug target discovery. <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 2237-2246	6.8	3
27	Cartilage-binding antibodies induce pain through immune complex-mediated activation of neurons. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1904-1924	16.6	34
26	Germinal Center-Derived Antibodies Promote Atherosclerosis Plaque Size and Stability. <i>Circulation</i> , 2019 , 139, 2466-2482	16.7	28
25	Neutrophil Recruitment to Noninvasive MRSA at the Stratum Corneum of Human Skin Mediates Transient Colonization. <i>Cell Reports</i> , 2019 , 29, 1074-1081.e5	10.6	11
24	Differential ACPA Binding to Nuclear Antigens Reveals a PAD-Independent Pathway and a Distinct Subset of Acetylation Cross-Reactive Autoantibodies in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2018 , 9, 3033	8.4	31
23	Rituximab-mediated late-onset neutropenia in systemic lupus erythematosus - distinct roles of BAFF and APRIL. <i>Lupus</i> , 2018 , 27, 1470-1478	2.6	16
22	Green listed-a CRISPR screen tool. <i>Bioinformatics</i> , 2017 , 33, 1099-1100	7.2	6
21	A Role for the Transcription Factor in Mouse B2 Lymphocyte Expansion and Peritoneal B1a Generation. <i>Frontiers in Immunology</i> , 2017 , 8, 1387	8.4	5

20	Selective Memory to Apoptotic Cell-Derived Self-Antigens with Implications for Systemic Lupus Erythematosus Development. <i>Journal of Immunology</i> , 2016 , 197, 2618-26	5.3	10
19	IL-2 in the tumor microenvironment is necessary for Wiskott-Aldrich syndrome protein deficient NK cells to respond to tumors in vivo. <i>Scientific Reports</i> , 2016 , 6, 30636	4.9	20
18	FNDC4 acts as an anti-inflammatory factor on macrophages and improves colitis in mice. <i>Nature Communications</i> , 2016 , 7, 11314	17.4	42
17	Cutting Edge: Marginal Zone Macrophages Regulate Antigen Transport by B Cells to the Follicle in the Spleen via CD21. <i>Journal of Immunology</i> , 2016 , 197, 2063-8	5.3	11
16	Invariant natural killer T (iNKT) cells prevent autoimmunity, but induce pulmonary inflammation in cystic fibrosis. <i>Cellular Physiology and Biochemistry</i> , 2014 , 34, 56-70	3.9	19
15	Autoimmunity and cystatin SA1 deficiency behind chronic mucocutaneous candidiasis in autoimmune polyendocrine syndrome type 1. <i>Journal of Autoimmunity</i> , 2013 , 42, 1-6	15.5	21
14	Acute inflammation primes myeloid effector cells for anti-inflammatory STAT6 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13487-91	11.5	21
13	Novel roles for the IgG Fc glycan. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1253, 170-80	6.5	137
12	Autoimmunity and cystatin SA 1 deficiency behind chronic mucocutaneous candidiasis in autoimmune polyendocrine syndrome. <i>Journal of Translational Medicine</i> , 2012 , 10,	8.5	78
11	Intravenous gammaglobulin suppresses inflammation through a novel T(H)2 pathway. <i>Nature</i> , 2011 , 475, 110-3	50.4	465
10	Scavenger receptors as regulators of natural antibody responses and B cell activation in autoimmunity. <i>Molecular Immunology</i> , 2011 , 48, 1307-18	4.3	16
9	Invariant NKT cells limit activation of autoreactive CD1d-positive B cells. <i>Journal of Experimental Medicine</i> , 2010 , 207, 943-52	16.6	80
8	Circulating soluble CTLA-4 is related to inflammatory markers in the 70 year old population. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2010 , 70, 237-43	2	8
7	A regulatory role for macrophage class A scavenger receptors in TLR4-mediated LPS responses. <i>European Journal of Immunology</i> , 2010 , 40, 1451-60	6.1	44
6	Reply to Bayry et al.: The anti-inflammatory activity of sialylated IgG Fcs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, E25-E25	11.5	4
5	An anatomical view on macrophages in tolerance. <i>Autoimmunity Reviews</i> , 2009 , 9, 49-52	13.6	22
4	Prolonged antigen-exposure with carbohydrate particle based vaccination prevents allergic immune responses in sensitized mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009 , 64, 919-26	9.3	36
3	Identification of a receptor required for the anti-inflammatory activity of IVIG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 19571-8	11.5	424

- 2 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, 4139-47 2.2 92
- 1 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, 2259-65 16.6 98