Hans GrÃ¶nlund

List of Publications by Year
in descending order

50	2,347	236612	214527
papers	citations	25 h-index	47 g-index

51	51	51	2872
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Memory B Cells Activate Brain-Homing, Autoreactive CD4+ T Cells in Multiple Sclerosis. Cell, 2018, 175, 85-100.e23.	13.5	350
2	Intralymphatic immunotherapy for cat allergy induces tolerance after only 3 injections. Journal of Allergy and Clinical Immunology, 2012, 129, 1290-1296.	1.5	236
3	Peptide immunotherapy in allergic asthma generates IL-10â€“dependent immunological tolerance associated with linked epitope suppression. Journal of Experimental Medicine, 2009, 206, 1535-1547.	4.2	192
4	The Crystal Structure of the Major Cat Allergen Fel d 1, a Member of the Secretoglobin Family. Journal of Biological Chemistry, 2003, 278, 37730-37735.	1.6	96
5	A hypoallergenic cat vaccine based on Fel d 1â€“derived peptides fused to hepatitis B PreS. Journal of Allergy and Clinical Immunology, 2011, 127, 1562-1570.e6.	1.5	92
6	Anoctamin 2 identified as an autoimmune target in multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2188-2193.	3.3	86
7	Cytokine and Antibody Responses in Birch-Pollen-Allergic Patients Treated with Genetically Modified Derivatives of the Major Birch Pollen Allergen Bet v 1. International Archives of Allergy and Immunology, 2005, 138, 59-66.	0.9	82
8	The carbohydrate galactose-Î±-1,3-galactose is a major IgE-binding epitope on cat IgA. Journal of Allergy and Clinical Immunology, 2009, 123, 1189-1191.	1.5	81
9	Impaired allergy diagnostics among parasite-infected patients caused by IgE antibodies to the carbohydrate epitope galactose-Î±1,3-galactose. Journal of Allergy and Clinical Immunology, 2011, 127, 1024-1028.	1.5	77
10	The Major Cat Allergen, Fel d 1, in Diagnosis and Therapy. International Archives of Allergy and Immunology, 2010, 151, 265-274.	0.9	74
11	Formation of Disulfide Bonds and Homodimers of the Major Cat Allergen Fel d 1 Equivalent to the Natural Allergen by Expression in Escherichia coli. Journal of Biological Chemistry, 2003, 278, 40144-40151.	1.6	71
12	Crystal Structure of the Dog Lipocalin Allergen Can f 2: Implications for Cross-reactivity to the Cat Allergen Fel d 4. Journal of Molecular Biology, 2010, 401, 68-83.	2.0	62
13	Prevalence of severe childhood asthma according to the WHO. Respiratory Medicine, 2014, 108, 1234-1237.	1.3	62
14	Structural Characterization of the Tetrameric form of the Major Cat Allergen Fel d 1. Journal of Molecular Biology, 2007, 370, 714-727.	2.0	58
15	Cat IgA, representative of new carbohydrate cross-reactive allergens. Journal of Allergy and Clinical Immunology, 2007, 119, 640-645.	1.5	58
16	Low levels of IgM antibodies against phosphorylcholine predict development of acute myocardial infarction in a population-based cohort from northern Sweden. European Journal of Cardiovascular Prevention and Rehabilitation, 2009, 16, 382-386.	3.1	57
17	Carbohydrate-based particles: a new adjuvant for allergen-specific immunotherapy. Immunology, 2002, 107, 523-529.	2.0	40
18	Molecular allergy diagnostics refine characterization of children sensitized to dog dander. Journal of Allergy and Clinical Immunology, 2018, 142, 1113-1120.e9.	1.5	40

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19	The allergenic activity and clinical impact of individual IgE-antibody binding molecules from indoor allergen sources. World Allergy Organization Journal, 2020, 13, 100118.	1.6	38
20	Mammalian-derived respiratory allergens â€“ Implications for diagnosis and therapy of individuals allergic to furry animals. Methods, 2014, 66, 86-95.	1.9	36
21	Development of humoral and cellular immunological memory against SARS-CoV-2 despite B cell depleting treatment in multiple sclerosis. IScience, 2021, 24, 103078.	1.9	36
22	A hypoallergenic peptide mix containing T cell epitopes of the clinically relevant house dust mite allergens. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2461-2478.	2.7	32
23	Evaluation of safety and efficacy as an adjuvant for the chitosan-based vaccine delivery vehicle ViscoGel in a single-blind randomised Phase I/IIa clinical trial. Vaccine, 2014, 32, 5967-5974.	1.7	31
24	A novel adjuvant-allergen complex, CBP-rFel d 1, induces up-regulation of CD86 expression and enhances cytokine release by human dendritic cells in vitro. Immunology, 2004, 113, 253-259.	2.0	30
25	Myelin oligodendrocyte glycoprotein revisitedâ€”sensitive detection of MOG-specific T-cells in multiple sclerosis. Journal of Autoimmunity, 2019, 102, 38-49.	3.0	30
26	Facing the future: challenges and opportunities in adoptive T cell therapy in cancer. Expert Opinion on Biological Therapy, 2019, 19, 811-827.	1.4	27
27	A molecular model of type I allergy: Identification and characterization of a nonanaphylactic anti-human IgE antibody fragment that blocks the IgE-FcÏµRI interaction and reacts with receptor-bound IgE. Journal of Allergy and Clinical Immunology, 2001, 108, 409-416.	1.5	23
28	In Vitro Evolution of Allergy Vaccine Candidates, with Maintained Structure, but Reduced B Cell and T Cell Activation Capacity. PLoS ONE, 2011, 6, e24558.	1.1	23
29	Interference in immunoassays by human IgM with specificity for the carbohydrate moiety of animal proteins. Journal of Immunological Methods, 2006, 310, 117-125.	0.6	21
30	Recombinant Bet v 1 vaccine for treatment of allergy to birch pollen. Hum Vaccin, 2010, 6, 970-977.	2.4	21
31	Allergens in dog extracts: Implication for diagnosis and treatment. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1472-1479.	2.7	20
32	Designing a Multimer Allergen for Diagnosis and Immunotherapy of Dog Allergic Patients. PLoS ONE, 2014, 9, e111041.	1.1	20
33	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
34	Identification of four novel T cell autoantigens and personal autoreactive profiles in multiple sclerosis. Science Advances, 2022, 8, eabn1823.	4.7	17
35	Low Levels of Endotoxin Enhance Allergen-Stimulated Proliferation and Reduce the Threshold for Activation in Human Peripheral Blood Cells. International Archives of Allergy and Immunology, 2008, 146, 1-10.	0.9	16
36	Oligodendrocyte myelin glycoprotein as a novel target for pathogenic autoimmunity in the CNS. Acta Neuropathologica Communications, 2020, 8, 207.	2.4	11

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37	Highly sensitive ELISAâ€based assay for quantification of allergenâ€specific IgE antibody levels. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2668-2670.	2.7	11
38	Plasma protein profiling reveals candidate biomarkers for multiple sclerosis treatment. PLoS ONE, 2019, 14, e0217208.	1.1	10
39	Three-Dimensional Structure of Fel d 1, the Major Allergen in Cat. International Archives of Allergy and Immunology, 2003, 132, 25-26.	0.9	9
40	Cat sensitization identified by recombinant Fel d 1 several years before symptoms - results from the bamse cohort. Pediatric Allergy and Immunology, 2010, 21, 277-283.	1.1	9
41	Elevated levels of FN1 and CCL2 in bronchoalveolar lavage fluid from sarcoidosis patients. Respiratory Research, 2016, 17, 69.	1.4	9
42	Sensitive detection of antigen-specific T-cells using bead-bound antigen for in vitro re-stimulation. MethodsX, 2019, 6, 1635-1641.	0.7	6
43	Basophil activation testing, IgG, and IgG4 in the diagnosis of dog allergy in children with and without a dog at home. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1269-1272.	2.7	6
44	Milk-Specific IgE Reactivity Without Symptoms in Albumin-Sensitized Cat Allergic Patients. Allergy, Asthma and Immunology Research, 2021, 13, 668.	1.1	5
45	Allergic sensitization to lipocalins reflects asthma morbidity in dog dander sensitized children. Clinical and Translational Allergy, 2022, 12, e12149.	1.4	5
46	Molecular Allergen-Specific IgE Recognition Profiles and Cumulative Specific IgE Levels Associated with Phenotypes of Cat Allergy. International Journal of Molecular Sciences, 2022, 23, 6984.	1.8	5
47	Recombinant multimeric dog allergen prevents airway hyperresponsiveness in a model of asthma marked by vigorous <scp>T_H2</scp> and <scp>T_H17</scp> cell responses. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2987-3001.	2.7	4
48	Individual airborne characteristics of dog allergens. Clinical and Experimental Allergy, 2021, 51, 1221-1224.	1.4	3
49	Generation of Tumor-Specific Cytotoxic T Cells From Blood via InÂVitro Expansion Using Autologous Dendritic Cells Pulsed With Neoantigen-Coupled Microbeads. Frontiers in Oncology, 2022, 12, 866763.	1.3	2
50	Reply. Journal of Allergy and Clinical Immunology, 2019, 143, 1658-1659.	1.5	0