

# Annika Scheynius

## List of Publications by Year in descending order

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99  
papers

8,689  
citations

61984

43  
h-index

45317

90  
g-index

101  
all docs

101  
docs citations

101  
times ranked

12656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes with Immune Modulatory Features Are Present in Human Breast Milk. <i>Journal of Immunology</i> , 2007, 179, 1969-1978.	0.8	992
2	Epigenome-wide association data implicate DNA methylation as an intermediary of genetic risk in rheumatoid arthritis. <i>Nature Biotechnology</i> , 2013, 31, 142-147.	17.5	874
3	Differential DNA Methylation in Purified Human Blood Cells: Implications for Cell Lineage and Studies on Disease Susceptibility. <i>PLoS ONE</i> , 2012, 7, e41361.	2.5	860
4	Atopy in children of families with an anthroposophic lifestyle. <i>Lancet, The</i> , 1999, 353, 1485-1488.	13.7	464
5	Microarrayed allergen molecules: diagnostic gatekeepers for allergy treatment. <i>FASEB Journal</i> , 2002, 16, 414-416.	0.5	420
6	Allergic diseases and atopic sensitization in children related to farming and anthroposophic lifestyle - the PARSIFAL study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 414-421.	5.7	265
7	Mesoporous Silica Particles Induce Size Dependent Effects on Human Dendritic Cells. <i>Nano Letters</i> , 2007, 7, 3576-3582.	9.1	255
8	Intracellular Reservoir of <i>Streptococcus pyogenes</i> In Vivo: A Possible Explanation for Recurrent Pharyngotonsillitis. <i>Laryngoscope</i> , 1997, 107, 640-647.	2.0	207
9	IgE-mediated and T cell-mediated autoimmunity against manganese superoxide dismutase in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 115, 1068-1075.	2.9	199
10	Genus-Wide Comparative Genomics of <i>Malassezia</i> Delineates Its Phylogeny, Physiology, and Niche Adaptation on Human Skin. <i>PLoS Genetics</i> , 2015, 11, e1005614.	3.5	198
11	Allergic disease and sensitization in Steiner school children. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 59-66.	2.9	181
12	B cell-derived exosomes can present allergen peptides and activate allergen-specific T cells to proliferate and produce TH2-like cytokines. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 1418-1424.	2.9	171
13	<i>Malassezia</i> Fungi Are Specialized to Live on Skin and Associated with Dandruff, Eczema, and Other Skin Diseases. <i>PLoS Pathogens</i> , 2012, 8, e1002701.	4.7	159
14	Treatment with gamma-interferon triggers the onset of collagen arthritis in mice. <i>Arthritis and Rheumatism</i> , 1988, 31, 1297-1304.	6.7	144
15	Fungi on the Skin: Dermatophytes and <i>Malassezia</i> . <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014, 4, a019802-a019802.	6.2	134
16	Atopic Eczema/Dermatitis Syndrome and <i>Malassezia</i> . <i>International Archives of Allergy and Immunology</i> , 2002, 127, 161-169.	2.1	120
17	Nanovesicles from <i>Malassezia sympodialis</i> and Host Exosomes Induce Cytokine Responses – Novel Mechanisms for Host-Microbe Interactions in Atopic Eczema. <i>PLoS ONE</i> , 2011, 6, e21480.	2.5	118
18	Genomic Insights into the Atopic Eczema-Associated Skin Commensal Yeast <i>Malassezia sympodialis</i> . <i>MBio</i> , 2013, 4, e00572-12.	4.1	118

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19	Increased expression of platelet-derived growth factor type b receptors in the skin of patients with systemic sclerosis. <i>Arthritis and Rheumatism</i> , 1990, 33, 1534-1541.	6.7	111
20	Exosomes Derived from Burkitt's Lymphoma Cell Lines Induce Proliferation, Differentiation, and Class-Switch Recombination in B Cells. <i>Journal of Immunology</i> , 2014, 192, 5852-5862.	0.8	111
21	Sensitization to the Yeast <i>Malassezia sympodialis</i> Is Specific for Extrinsic and Intrinsic Atopic Eczema. <i>Journal of Investigative Dermatology</i> , 2006, 126, 2414-2421.	0.7	102
22	<i>Malassezia sympodialis</i> thioredoxin-specific T cells are highly cross-reactive to human thioredoxin in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 92-99.e4.	2.9	93
23	Effects of subtoxic concentrations of TiO <sub>2</sub> and ZnO nanoparticles on human lymphocytes, dendritic cells and exosome production. <i>Toxicology and Applied Pharmacology</i> , 2012, 264, 94-103.	2.8	82
24	Global Expression Profiling in Atopic Eczema Reveals Reciprocal Expression of Inflammatory and Lipid Genes. <i>PLoS ONE</i> , 2008, 3, e4017.	2.5	75
25	The Complete cDNA Sequence and Expression of the First Major Allergenic Protein of <i>Malassezia Furfur</i> , Mal f 1. <i>FEBS Journal</i> , 1997, 246, 181-185.	0.2	69
26	Identification of small RNAs in extracellular vesicles from the commensal yeast <i>Malassezia sympodialis</i> . <i>Scientific Reports</i> , 2017, 7, 39742.	3.3	69
27	IgE Sensitization Profiles Differ between Adult Patients with Severe and Moderate Atopic Dermatitis. <i>PLoS ONE</i> , 2016, 11, e0156077.	2.5	67
28	Macrophages, but not dendritic cells, present collagen to T cells. <i>European Journal of Immunology</i> , 1995, 25, 2234-2241.	2.9	66
29	Expression of cystic fibrosis transmembrane conductance regulator in liver tissue from patients with cystic fibrosis. <i>Hepatology</i> , 2000, 32, 334-340.	7.3	66
30	The Role of Sensitization to <i>Malassezia sympodialis</i> in Atopic Eczema. , 2006, 91, 98-109.		66
31	Risk of childhood asthma is associated with CpG-site polymorphisms, regional DNA methylation and mRNA levels at the GSDMB/ORMDL3 locus. <i>Human Molecular Genetics</i> , 2015, 24, 875-890.	2.9	66
32	Age-associated DNA methylation changes in immune genes, histone modifiers and chromatin remodeling factors within 5 years after birth in human blood leukocytes. <i>Clinical Epigenetics</i> , 2015, 7, 34.	4.1	65
33	Cloning, expression and characterization of two new IgE-binding proteins from the yeast <i>Malassezia sympodialis</i> with sequence similarities to heat shock proteins and manganese superoxide dismutase. <i>FEBS Journal</i> , 2004, 271, 1885-1894.	0.2	64
34	Higher pH level, corresponding to that on the skin of patients with atopic eczema, stimulates the release of <i>Malassezia sympodialis</i> allergens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 1002-1008.	5.7	64
35	Enhanced expression of the antimicrobial peptide LL-37 in lesional skin of adults with atopic eczema. <i>British Journal of Dermatology</i> , 2009, 161, 40-47.	1.5	62
36	Adjuvant Properties of Mesoporous Silica Particles Tune the Development of Effector T Cells. <i>Small</i> , 2012, 8, 2116-2124.	10.0	62

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37	The allergenic yeast <i>Malassezia furfur</i> induces maturation of human dendritic cells. <i>Clinical and Experimental Allergy</i> , 2001, 31, 1583-1593.	2.9	61
38	Not only Th2 cells but also Th1 and Th0 cells express CD30 after activation. <i>Journal of Leukocyte Biology</i> , 1995, 58, 683-689.	3.3	60
39	Extracellular nanovesicles released from the commensal yeast <i>Malassezia sympodialis</i> are enriched in allergens and interact with cells in human skin. <i>Scientific Reports</i> , 2018, 8, 9182.	3.3	59
40	No evidence for a placental microbiome in human pregnancies at term. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 296.e1-296.e23.	1.3	53
41	Lifestyle factors and sensitization in children - the ALADDIN birth cohort. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 1330-1338.	5.7	50
42	House dust mites as potential carriers for IgE sensitization to bacterial antigens. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 115-124.	5.7	48
43	Uptake of the yeast <i>Malassezia furfur</i> and its allergenic components by human immature CD1a+ dendritic cells. <i>Clinical and Experimental Allergy</i> , 2000, 30, 1759-1770.	2.9	47
44	Proteogenomics produces comprehensive and highly accurate protein-coding gene annotation in a complete genome assembly of <i>Malassezia sympodialis</i> . <i>Nucleic Acids Research</i> , 2017, 45, gkx006.	14.5	47
45	Gastric Epithelial Cells in <i>Helicobacter pylori</i> -Associated Gastritis Express HLA-DR but not ICAM-1. <i>Scandinavian Journal of Immunology</i> , 1991, 33, 237-241.	2.7	45
46	Cloning, characterization and expression of complete coding sequences of three IgE binding <i>Malassezia furfur</i> allergens, Mal <sup>ε</sup> f7, Mal <sup>ε</sup> f8 and Mal <sup>ε</sup> f9. <i>FEBS Journal</i> , 2000, 267, 4355-4361.	9.2	45
47	Multiple Epitopes on Cartilage Type II Collagen are Accessible for Antibody Binding <i>in vivo</i> . <i>Autoimmunity</i> , 1991, 10, 27-34.	2.6	41
48	Histone Acetylation of Immune Regulatory Genes in Human Placenta in Association with Maternal Intake of Olive Oil and Fish Consumption. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1060.	4.1	41
49	Maternal allergen-specific IgG might protect the child against allergic sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 536-548.	2.9	41
50	Expression of Genes Related to Anti-Inflammatory Pathways Are Modified Among Farmers'™ Children. <i>PLoS ONE</i> , 2014, 9, e91097.	2.5	40
51	DNA methylation levels within the CD14 promoter region are lower in placentas of mothers living on a farm. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012, 67, 895-903.	5.7	39
52	Extracellular Vesicles Released From the Skin Commensal Yeast <i>Malassezia sympodialis</i> Activate Human Primary Keratinocytes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 6.	3.9	39
53	Dendritic cell-derived exosomes carry the major cat allergen Fel d 1 and induce an allergic immune response. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015, 70, 1651-1655.	5.7	38
54	Kupffer cell iron overload induces intercellular adhesion molecule-1 expression on hepatocytes in genetic hemochromatosis. <i>Hepatology</i> , 1995, 21, 1308-1316.	7.3	37

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55	Deletion of Wiskottâ€Aldrich syndrome protein triggers Rac2 activity and increased cross-presentation by dendritic cells. <i>Nature Communications</i> , 2016, 7, 12175.	12.8	31
56	Mesoporous silica particles potentiate antigen-specific T-cell responses. <i>Nanomedicine</i> , 2014, 9, 1835-1846.	3.3	28
57	High-specificity bioinformatics framework for epigenomic profiling of discordant twins reveals specific and shared markers for ACPA and ACPA-positive rheumatoid arthritis. <i>Genome Medicine</i> , 2016, 8, 124.	8.2	27
58	Curdlan induces selective mast cell degranulation without concomitant release of LTC4, IL-6 or CCL2. <i>Immunobiology</i> , 2017, 222, 647-650.	1.9	27
59	Bioceramic microneedle arrays are able to deliver OVA to dendritic cells in human skin. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6808-6816.	5.8	26
60	DNA Methylation Trajectories During Pregnancy. <i>Epigenetics Insights</i> , 2019, 12, 251686571986709.	2.0	26
61	Induced expression of heat-shock protein on biliary epithelium in patients with primary sclerosing cholangitis and primary biliary cirrhosis. <i>Hepatology</i> , 1993, 18, 298-303.	7.3	25
62	Crystal Structure of the Major <i>Malassezia sympodialis</i> Allergen Mala s 1 Reveals a Î²-Propeller Fold: A Novel Fold Among Allergens. <i>Journal of Molecular Biology</i> , 2007, 369, 1079-1086.	4.2	25
63	Transmission of allergen-specific IgG and IgE from maternal blood into breast milk visualized with microarray technology. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1213-1215.	2.9	25
64	Epigenetic alterations in skin homing CD4+CLA+ T cells of atopic dermatitis patients. <i>Scientific Reports</i> , 2020, 10, 18020.	3.3	23
65	Cell surface expression of two major yeast allergens in the <i>Pityrosporum</i> genus. <i>Clinical and Experimental Allergy</i> , 1997, 27, 584-592.	2.9	20
66	Sensitization to <i>Malassezia</i> in children with atopic dermatitis combined with food allergy. <i>Pediatric Allergy and Immunology</i> , 2013, 24, 244-249.	2.6	20
67	Epigenetic Modifications in Placenta are Associated with the Childâ€™s Sensitization to Allergens. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	20
68	The Skin Commensal Yeast <i>Malassezia globosa</i> Thwarts Bacterial Biofilms to Benefit the Host. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1026-1029.	0.7	19
69	DNA Methylation Levels in Mononuclear Leukocytes from the Mother and Her Child Are Associated with IgE Sensitization to Allergens in Early Life. <i>International Journal of Molecular Sciences</i> , 2021, 22, 801.	4.1	18
70	Localization of the major allergen <i>Bet v</i> 1 in birch pollen by confocal laser scanning microscopy. <i>Grana</i> , 1996, 35, 199-204.	0.8	17
71	Anthroposophic lifestyle influences the concentration of metals in placenta and cord blood. <i>Environmental Research</i> , 2015, 136, 88-96.	7.5	17
72	Three-dimensional visualization of human Langerhans' cells using confocal scanning laser microscopy. <i>Archives of Dermatological Research</i> , 1990, 281, 521-525.	1.9	16

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73	Lipid mediator profile in vernix caseosa reflects skin barrier development. <i>Scientific Reports</i> , 2015, 5, 15740.	3.3	15
74	Differential cytokine induction by the human skin-associated autoallergen thioredoxin in sensitized patients with atopic dermatitis and healthy control subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1378-1380.e5.	2.9	15
75	Evidence of a local intestinal immunomodulatory effect of sulfasalazine in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1994, 37, 1138-1145.	6.7	14
76	Exosomes in immunity and cancer—Friends or foes?. <i>Seminars in Cancer Biology</i> , 2014, 28, 1-2.	9.6	14
77	Allergen-loaded strontium-doped hydroxyapatite spheres improve allergen-specific immunotherapy in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 570-578.	5.7	13
78	Vaccination and Allergic Sensitization in Early Childhood – The ALADDIN Birth Cohort. <i>EClinicalMedicine</i> , 2018, 4-5, 92-98.	7.1	12
79	Genetic Variants in CHIA and CHI3L1 Are Associated with the IgE Response to the Ascaris Resistance Marker ABA-1 and the Birch Pollen Allergen Bet v 1. <i>PLoS ONE</i> , 2016, 11, e0167453.	2.5	12
80	Intestinal distribution of hyaluronan in small bowel allografting in the rat. <i>Transplant International</i> , 1993, 6, 133-137.	1.6	10
81	Detection of <i>Pityrosporum orbiculare</i> reactive T cells from skin and blood in atopic dermatitis and characterization of their cytokine profiles. <i>Clinical and Experimental Allergy</i> , 1996, 26, 1286-1297.	2.9	10
82	Anthroposophic lifestyle is associated with a lower incidence of food allergen sensitization in early childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1253-1256.e3.	2.9	10
83	Molecular allergen profiling in horses by microarray reveals Fag e 2 from buckwheat as a frequent sensitizer. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1436-1446.	5.7	10
84	Longitudinal analyses of development of the immune system during the first five years of life in relation to lifestyle. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1583-1595.	5.7	9
85	Adenoid tissue lymphocyte subpopulations - evaluation of a quantitative analysis with flow cytometry. <i>Apmis</i> , 1993, 101, 551-556.	2.0	8
86	The effect of IFN- $\beta$ on healthy and psoriatic keratinocytes in a skin equivalent model is influenced by the source of the keratinocytes and by their interactions with fibroblasts. <i>Archives of Dermatological Research</i> , 1996, 289, 14-20.	1.9	8
87	Granulocyte function in the airways of allergen-challenged pigs: effects of inhaled and systemic budesonide. <i>Clinical and Experimental Allergy</i> , 1996, 26, 1436-1448.	2.9	8
88	The antimicrobial protein S100A12 identified as a potential autoantigen in a subgroup of atopic dermatitis patients. <i>Clinical and Translational Allergy</i> , 2019, 9, 6.	3.2	7
89	Cell surface expression of two major yeast allergens in the <i>Pityrosporum</i> genus. <i>Clinical and Experimental Allergy</i> , 1997, 27, 584-92.	2.9	7
90	<i>Pityrosporum orbiculare</i> and atopic eczema. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 1993, 48, 391-393.	5.7	6

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91	Allergen-specific IgE over time in women before, during and after pregnancy. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 625-628.	5.7	4
92	Quantitative analysis of Langerhans' cells in epidermis at irritant contact reactions using confocal laser scanning microscopy. <i>Acta Dermato-Venereologica</i> , 1992, 72, 348-51.	1.3	4
93	Interferon-gamma and the contact allergic reaction. <i>Contact Dermatitis</i> , 1990, 23, 230-233.	1.4	3
94	Protein profiles in plasma: Development from infancy to 5 years of age. <i>Proteomics - Clinical Applications</i> , 2021, 15, 2000038.	1.6	3
95	Effects of Purified Protein Derivative (PPD)-Activated Syngeneic Epidermal Cells on a PPD-Specific Rat T-Helper Cell Line. <i>Scandinavian Journal of Immunology</i> , 1989, 29, 671-677.	2.7	2
96	Lack of antagonism to Ni <sup>2+</sup> and Co <sup>2+</sup> contact allergy from other essential divalent metal ions. <i>Contact Dermatitis</i> , 1998, 38, 266-273.	1.4	2
97	Placental inflammation, lifestyle, maternal and early child sensitisation to allergens – the assessment of lifestyle and allergic disease during infancy birth cohort. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 927-932.	1.5	2
98	Increased mRNA expression of glucocorticoid receptor in placenta is associated with a decreased risk of allergen sensitisation in the child. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 638-640.	1.5	0
99	High-resolution targeted bisulfite sequencing reveals blood cell type-specific DNA methylation patterns in IL13 and ORMDL3. <i>Clinical Epigenetics</i> , 2021, 13, 106.	4.1	0