Elke Rodriguez

List of Publications by Year in descending order

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49 papers	6,083 citations	147726 31 h-index	182361 51 g-index
53 all docs	53 docs citations	53 times ranked	8051 citing authors

#	Article	IF	Citations
1	Loss-of-function variations within the filaggrin gene predispose for atopic dermatitis with allergic sensitizations. Journal of Allergy and Clinical Immunology, 2006, 118, 214-219.	1.5	567
2	Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. Nature Genetics, 2015, 47, 1449-1456.	9.4	529
3	Shared genetic origin of asthma, hay fever and eczema elucidates allergic disease biology. Nature Genetics, 2017, 49, 1752-1757.	9.4	432
4	Filaggrin mutations, atopic eczema, hay fever, and asthma in children. Journal of Allergy and Clinical Immunology, 2008, 121, 1203-1209.e1.	1.5	380
5	Meta-analysis of filaggrin polymorphisms in eczema and asthma: Robust risk factors in atopic disease. Journal of Allergy and Clinical Immunology, 2009, 123, 1361-1370.e7.	1.5	374
6	Meta-analysis of genome-wide association studies identifies three new risk loci for atopic dermatitis. Nature Genetics, 2012, 44, 187-192.	9.4	311
7	A common variant on chromosome 11q13 is associated with atopic dermatitis. Nature Genetics, 2009, 41, 596-601.	9.4	297
8	Atopic Dermatitis Is an IL-13â€“Dominant Disease with Greater Molecular Heterogeneity Compared to Psoriasis. Journal of Investigative Dermatology, 2019, 139, 1480-1489.	0.3	283
9	Loss-of-Function Mutations in the Filaggrin Gene and Allergic Contact Sensitization to Nickel. Journal of Investigative Dermatology, 2008, 128, 1430-1435.	0.3	258
10	Genome-Wide Scan on Total Serum IgE Levels Identifies FCER1A as Novel Susceptibility Locus. PLoS Genetics, 2008, 4, e1000166.	1.5	255
11	Filaggrin Mutations Strongly Predispose to Early-Onset and Extrinsic Atopic Dermatitis. Journal of Investigative Dermatology, 2007, 127, 724-726.	0.3	228
12	Defects of filaggrin-like proteins in both lesional and nonlesional atopic skin. Journal of Allergy and Clinical Immunology, 2013, 131, 1094-1102.	1.5	212
13	A genome-wide association study of atopic dermatitis identifies loci with overlapping effects on asthma and psoriasis. Human Molecular Genetics, 2013, 22, 4841-4856.	1.4	202
14	High-density genotyping study identifies four new susceptibility loci for atopic dermatitis. Nature Genetics, 2013, 45, 808-812.	9.4	167
15	Atopic dermatitis is associated with an increased risk for rheumatoid arthritis and inflammatory bowel disease, and a decreased risk for type 1 diabetes. Journal of Allergy and Clinical Immunology, 2016, 137, 130-136.	1.5	166
16	Meta-analysis identifies seven susceptibility loci involved in the atopic march. Nature Communications, 2015, 6, 8804.	5.8	148
17	Epidermal lipid composition, barrier integrity, and eczematous inflammation are associated with skin microbiome configuration. Journal of Allergy and Clinical Immunology, 2018, 141, 1668-1676.e16.	1.5	131
18	An Integrated Epigenetic and Transcriptomic Analysis Reveals Distinct Tissue-Specific Patterns of DNA Methylation Associated with Atopic Dermatitis. Journal of Investigative Dermatology, 2014, 134, 1873-1883.	0.3	103

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19	Increased efficacy of omalizumab in atopic dermatitis patients with wildâ€type filaggrin status and higher serum levels of phosphatidylcholines. Allergy: European Journal of Allergy and Clinical Immunology, 2014, 69, 132-135.	2.7	92
20	Analysis of the individual and aggregate genetic contributions of previously identified serine peptidase inhibitor Kazal type 5 (SPINK5), kallikrein-related peptidase 7 (KLK7), and filaggrin (FLG) polymorphisms to eczema risk. Journal of Allergy and Clinical Immunology, 2008, 122, 560-568.e4.	1.5	83
21	Association of Atopic Dermatitis with Cardiovascular Risk Factors and Diseases. Journal of Investigative Dermatology, 2017, 137, 1074-1081.	0.3	73
22	Integrative genetic and metabolite profiling analysis suggests altered phosphatidylcholine metabolism in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 629-636.	2.7	70
23	miR-146b Probably Assists miRNA-146a inÂthe Suppression of Keratinocyte Proliferation and Inflammatory ResponsesÂin Psoriasis. Journal of Investigative Dermatology, 2017, 137, 1945-1954.	0.3	68
24	Association of single nucleotide polymorphisms in the diamine oxidase gene with diamine oxidase serum activities. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 893-902.	2.7	63
25	Advances in asthma and allergic disease genetics: Is bigger always better?. Journal of Allergy and Clinical Immunology, 2019, 144, 1495-1506.	1.5	61
26	Psoriasis and Cardiometabolic Traits: Modest Association but Distinct Genetic Architectures. Journal of Investigative Dermatology, 2015, 135, 1283-1293.	0.3	56
27	A genome-wide association study reveals 2 new susceptibility loci for atopic dermatitis. Journal of Allergy and Clinical Immunology, 2015, 136, 802-806.	1.5	51
28	Stratum corneum lipidomics analysis reveals altered ceramide profile in atopic dermatitis patients across body sites with correlated changes in skin microbiome. Experimental Dermatology, 2021, 30, 1398-1408.	1.4	45
29	Exome-wide association study reveals novel psoriasis susceptibility locus at TNFSF15 and rare protective alleles in genes contributing to type I IFN signalling. Human Molecular Genetics, 2017, 26, 4301-4313.	1.4	41
30	Predictive value of food sensitization and filaggrin mutations in children with eczema. Journal of Allergy and Clinical Immunology, 2011, 128, 1235-1241.e5.	1.5	39
31	Filaggrin loss-of-function mutations and association with allergic diseases. Pharmacogenomics, 2008, 9, 399-413.	0.6	33
32	Novel gene rearrangements in transformed breast cells identified by high-resolution breakpoint analysis of chromosomal aberrations. Endocrine-Related Cancer, 2010, 17, 87-98.	1.6	33
33	Targeted Resequencing and Functional Testing Identifies Low-Frequency Missense Variants in the Gene Encoding GARP as Significant Contributors to Atopic Dermatitis Risk. Journal of Investigative Dermatology, 2016, 136, 2380-2386.	0.3	32
34	Analysis of the high affinity IgE receptor genes reveals epistatic effects of FCER1A variants on eczema risk. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 875-882.	2.7	29
35	Protein-coding variants contribute to the risk of atopic dermatitis and skin-specific gene expression. Journal of Allergy and Clinical Immunology, 2020, 145, 1208-1218.	1.5	29
36	Deletion of Late Cornified Envelope 3B and 3C Genes Is Not Associated with Atopic Dermatitis. Journal of Investigative Dermatology, 2010, 130, 2057-2061.	0.3	25

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37	Increased Prevalence of Filaggrin Deficiency in 51 Patients with Recessive X-Linked Ichthyosis Presenting for Dermatological Examination. Journal of Investigative Dermatology, 2018, 138, 709-711.	0.3	18
38	Rare variant analysis in eczema identifies exonic variants in DUSP1, NOTCH4 and SLC9A4. Nature Communications, 2021, 12, 6618.	5.8	17
39	A comprehensive analysis of the COL29A1 gene does not support a role in eczema. Journal of Allergy and Clinical Immunology, 2011, 127, 1187-1194.e7.	1.5	15
40	Host traits, lifestyle and environment are associated with human skin bacteria. British Journal of Dermatology, 2021, 185, 573-584.	1.4	14
41	The BIOMarkers in Atopic Dermatitis and Psoriasis (BIOMAP) glossary: developing a lingua franca to facilitate data harmonization and crossâ€cohort analyses. British Journal of Dermatology, 2021, 185, 1066-1069.	1.4	10
42	Genetic Variation in the Epidermal Transglutaminase Genes Is Not Associated with Atopic Dermatitis. PLoS ONE, 2012, 7, e49694.	1.1	8
43	Comparison of Epidermal Barrier Integrity in Adults with Classic Atopic Dermatitis, Atopic Prurigo and Non-Atopic Prurigo Nodularis. Biology, 2021, 10, 1008.	1.3	8
44	Analysis of Filaggrin Mutations and Expression in Corneal Specimens from Patients with or without Atopic Dermatitis. International Archives of Allergy and Immunology, 2014, 163, 20-24.	0.9	7
45	The power and potential of BIOMAP to elucidate hostâ€microbiome interplay in skin inflammatory diseases. Experimental Dermatology, 2021, 30, 1517-1531.	1.4	5
46	Compare and Contrast Meta Analysis (CCMA): A Method for Identification of Pleiotropic Loci in Genome-Wide Association Studies. PLoS ONE, 2016, 11, e0154872.	1.1	3
47	Network-based SNP meta-analysis identifies joint and disjoint genetic features across common human diseases. BMC Genomics, 2012, 13, 490.	1.2	1
48	RNA based individualized drug selection in breast cancer patients without patient-matched normal tissue. Oncotarget, 2018, 9, 32362-32372.	0.8	1
49	Vom Genotyp zum PhÃnotyp â€“ was wissen wir Ã¼ber die genetische PrÃdisposition zum atopischen Ekzem?. Allergologie, 2019, 42, 236-242.	0.1	0