Alan D Irvine

List of Publications by Citations

332 papers	21,572 citations	72 h-index	143 g-index
357 ext. papers	25,717 ext. citations	5.8 avg, IF	6.86 L-index

#	Paper	IF	Citations
332	Common loss-of-function variants of the epidermal barrier protein filaggrin are a major predisposing factor for atopic dermatitis. *Nature Genetics*, **2006**, 38, 441-6	36.3	2158
331	Loss-of-function mutations in the gene encoding filaggrin cause ichthyosis vulgaris. *Nature Genetics* , **2006**, 38, 337-42	36.3	804
330	Filaggrin mutations associated with skin and allergic diseases. *New England Journal of Medicine*, **2011**, 365, 1315-27	59.2	803
329	A genome-wide association study identifies new psoriasis susceptibility loci and an interaction between HLA-C and ERAP1. *Nature Genetics*, **2010**, 42, 985-90	36.3	773
328	Mutations in SPINK5, encoding a serine protease inhibitor, cause Netherton syndrome. *Nature Genetics*, **2000**, 25, 141-2	36.3	702
327	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. *Nature Genetics*, **2012**, 44, 1341-8	36.3	681
326	Atopic dermatitis. *Nature Reviews Disease Primers*, **2018**, 4, 1	51.1	544
325	Filaggrin in the frontline: role in skin barrier function and disease. *Journal of Cell Science*, **2009**, 122, 1285-94	5.3	536
324	Comprehensive analysis of the gene encoding filaggrin uncovers prevalent and rare mutations in ichthyosis vulgaris and atopic eczema. *Nature Genetics*, **2007**, 39, 650-4	36.3	510
323	Loss-of-function variations within the filaggrin gene predispose for atopic dermatitis with allergic sensitizations. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 214-9	11.5	489
322	A homozygous frameshift mutation in the mouse Flg gene facilitates enhanced percutaneous allergen priming. *Nature Genetics*, **2009**, 41, 602-8	36.3	377
321	Human keratin diseases: the increasing spectrum of disease and subtlety of the phenotype-genotype correlation. *British Journal of Dermatology*, **1999**, 140, 815-28	4	371
320	Loss-of-function variants in the filaggrin gene are a significant risk factor for peanut allergy. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 661-7	11.5	342
319	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	36.3	329
318	Meta-analysis of filaggrin polymorphisms in eczema and asthma: robust risk factors in atopic disease. *Journal of Allergy and Clinical Immunology*, **2009**, 123, 1361-70.e7	11.5	317
317	Filaggrin mutations, atopic eczema, hay fever, and asthma in children. *Journal of Allergy and Clinical Immunology*, **2008**, 121, 1203-1209.e1	11.5	317
316	The multifunctional role of filaggrin in allergic skin disease. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 280-91	11.5	279

315	The burden of disease associated with filaggrin mutations: a population-based, longitudinal birth cohort study. *Journal of Allergy and Clinical Immunology*, **2008**, 121, 872-7.e9	11.5	276
314	Hay-Wells syndrome is caused by heterozygous missense mutations in the SAM domain of p63. *Human Molecular Genetics*, **2001**, 10, 221-9	5.6	268
313	Filaggrin in atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2008**, 122, 689-693	11.5	267
312	Atopic dermatitis. *Lancet, The*, **2020**, 396, 345-360	40	239
311	Loss-of-function mutations in the filaggrin gene lead to reduced level of natural moisturizing factor in the stratum corneum. *Journal of Investigative Dermatology*, **2008**, 128, 2117-9	4.3	228
310	Desmoglein 1 deficiency results in severe dermatitis, multiple allergies and metabolic wasting. *Nature Genetics*, **2013**, 45, 1244-1248	36.3	217
309	Levels of filaggrin degradation products are influenced by both filaggrin genotype and atopic dermatitis severity. *Allergy: European Journal of Allergy and Clinical Immunology*, **2011**, 66, 934-40	9.3	207
308	Staphylococcus aureus and Atopic Dermatitis: A Complex and Evolving Relationship. *Trends in Microbiology*, **2018**, 26, 484-497	12.4	194
307	Skin microbiome before development of atopic dermatitis: Early colonization with commensal staphylococci at 2´months is associated with a lower risk of atopic dermatitis at 1´year. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 166-172	11.5	186
306	Identification of a novel genetic locus for familial cardiac myxomas and Carney complex. *Circulation*, **1998**, 98, 2560-6	16.7	183
305	Mutations in cornea-specific keratin K3 or K12 genes cause Meesmann's corneal dystrophy. *Nature Genetics*, **1997**, 16, 184-7	36.3	181
304	Toward a major risk factor for atopic eczema: meta-analysis of filaggrin polymorphism data. *Journal of Allergy and Clinical Immunology*, **2007**, 120, 1406-12	11.5	181
303	Skin barrier dysfunction measured by transepidermal water loss at 2 days and 2 months predates and predicts atopic dermatitis at 1 year. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 930-935.e1	11.5	180
302	Filaggrin loss-of-function mutations are associated with enhanced expression of IL-1 cytokines in the stratum corneum of patients with atopic dermatitis and in a murine model of filaggrin deficiency. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 1031-9.e1	11.5	179
301	Breaking the (un)sound barrier: filaggrin is a major gene for atopic dermatitis. *Journal of Investigative Dermatology*, **2006**, 126, 1200-2	4.3	177
300	Prevalent and rare mutations in the gene encoding filaggrin cause ichthyosis vulgaris and predispose individuals to atopic dermatitis. *Journal of Investigative Dermatology*, **2006**, 126, 1770-5	4.3	173
299	The microbiome in patients with atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 26-35	11.5	164
298	RASA1 mutations and associated phenotypes in 68 families with capillary malformation-arteriovenous malformation. *Human Mutation*, **2013**, 34, 1632-41	4.7	160

297	Effect of filaggrin breakdown products on growth of and protein expression by Staphylococcus aureus. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 1184-90.e3	11.5	152
296	Loss-of-function mutations of an inhibitory upstream ORF in the human hairless transcript cause Marie Unna hereditary hypotrichosis. *Nature Genetics*, **2009**, 41, 228-33	36.3	152
295	Intragenic copy number variation within filaggrin contributes to the risk of atopic dermatitis with a dose-dependent effect. *Journal of Investigative Dermatology*, **2012**, 132, 98-104	4.3	148
294	Filaggrin in atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2009**, 124, R2-6	11.5	143
293	A genome-wide association study of atopic dermatitis identifies loci with overlapping effects on asthma and psoriasis. *Human Molecular Genetics*, **2013**, 22, 4841-56	5.6	140
292	Netherton syndrome: disease expression and spectrum of SPINK5 mutations in 21 families. *Journal of Investigative Dermatology*, **2002**, 118, 352-61	4.3	136
291	Skin barrier impairment at birth predicts food allergy at 2 years of age. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 1111-1116.e8	11.5	133
290	High-density genotyping study identifies four new susceptibility loci for atopic dermatitis. *Nature Genetics*, **2013**, 45, 808-12	36.3	131
289	Use of ruxolitinib to successfully treat chronic mucocutaneous candidiasis caused by gain-of-function signal transducer and activator of transcription 1 (STAT1) mutation. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 551-3	11.5	126
288	Comparative PRKAR1A genotype-phenotype analyses in humans with Carney complex and prkar1a haploinsufficient mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 14222-7	11.5	124
287	The atopic march and atopic multimorbidity: Many trajectories, many pathways. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 46-55	11.5	118
286	Raman profiles of the stratum corneum define 3 filaggrin genotype-determined atopic dermatitis endophenotypes. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 574-80.e1	11.5	117
285	Genome-wide comparative analysis of atopic dermatitis and psoriasis gives insight into opposing genetic mechanisms. *American Journal of Human Genetics*, **2015**, 96, 104-20	11	113
284	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	11.5	108
283	Tmem79/Matt is the matted mouse gene and is a predisposing gene for atopic dermatitis in human subjects. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 1121-9	11.5	108
282	Fleshing out filaggrin phenotypes. *Journal of Investigative Dermatology*, **2007**, 127, 504-7	4.3	108
281	When does atopic dermatitis warrant systemic therapy? Recommendations from an expert panel of the International Eczema Council. *Journal of the American Academy of Dermatology*, **2017**, 77, 623-633	4.5	103
280	Transcriptional regulator PRDM12 is essential for human pain perception. *Nature Genetics*, **2015**, 47, 803-8	36.3	101

279	An unusual N-terminal deletion of the laminin alpha3a isoform leads to the chronic granulation tissue disorder laryngo-onycho-cutaneous syndrome. *Human Molecular Genetics*, **2003**, 12, 2395-409	5.6	100
278	Wide spectrum of filaggrin-null mutations in atopic dermatitis highlights differences between Singaporean Chinese and European populations. *British Journal of Dermatology*, **2011**, 165, 106-14	4	99
277	Blue Rubber Bleb Nevus (BRBN) Syndrome Is Caused by Somatic TEK (TIE2) Mutations. *Journal of Investigative Dermatology*, **2017**, 137, 207-216	4.3	96
276	Filaggrin-stratified transcriptomic analysis of pediatric skin identifies mechanistic pathways in patients with atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 82-91	11.5	89
275	Gender- and gestational age-specific body fat percentage at birth. *Pediatrics*, **2011**, 128, e645-51	7.4	89
274	Filaggrin's fuller figure: a glimpse into the genetic architecture of atopic dermatitis. *Journal of Investigative Dermatology*, **2007**, 127, 1282-4	4.3	86
273	The Immunomodulatory Metabolite Itaconate Modifies NLRP3 and Inhibits Inflammasome Activation. *Cell Metabolism*, **2020**, 32, 468-478.e7	24.6	86
272	AP1S3 Mutations Cause Skin Autoinflammation by Disrupting Keratinocyte Autophagy and Up-Regulating IL-36 Production. *Journal of Investigative Dermatology*, **2016**, 136, 2251-2259	4.3	84
271	Severe dermatitis, multiple allergies, and metabolic wasting syndrome caused by a novel mutation in the N-terminal plakin domain of desmoplakin. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 1268-76	11.5	82
270	Clinical and genetic differences between pustular psoriasis subtypes. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 1021-1026	11.5	80
269	The role of filaggrin in the atopic diathesis. *Clinical and Experimental Allergy*, **2010**, 40, 965-72	4.1	80
268	Spontaneous atopic dermatitis is mediated by innate immunity, with the secondary lung inflammation of the atopic march requiring adaptive immunity. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 482-91	11.5	79
267	No association between food allergens in the complementary feeding diet and eczema during the first 12-months in the Cork BASELINE Birth Cohort. *Clinical and Translational Allergy*, **2015**, 5, O18	5.2	78
266	Recent advances in the pathobiology and management of Kasabach-Merritt phenomenon. *British Journal of Haematology*, **2015**, 171, 38-51	4.5	75
265	IL36RN mutations define a severe autoinflammatory phenotype of generalized pustular psoriasis. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 1067-1070.e9	11.5	73
264	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, 560-8.e4	11.5	73
263	Atopic eczema and the filaggrin story. *Seminars in Cutaneous Medicine and Surgery*, **2008**, 27, 128-37	1.4	72
262	The role of filaggrin in atopic dermatitis and allergic disease. *Annals of Allergy, Asthma and Immunology*, **2020**, 124, 36-43	3.2	72

261	Use of systemic corticosteroids for atopic dermatitis: International Eczema Council consensus statement. *British Journal of Dermatology*, **2018**, 178, 768-775	4	71
260	Dermatological manifestations of autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy syndrome. *British Journal of Dermatology*, **2006**, 154, 1088-93	4	69
259	A missense mutation in the zinc-finger domain of the human hairless gene underlies congenital atrichia in a family of Irish travellers. *American Journal of Human Genetics*, **1998**, 63, 984-91	11	65
258	The molecular genetics of the genodermatoses: progress to date and future directions. *British Journal of Dermatology*, **2003**, 148, 1-13	4	64
257	Filaggrin breakdown products determine corneocyte conformation in patients with atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 1573-1580.e2	11.5	60
256	Activating CARD14 Mutations Are Associated with Generalized Pustular Psoriasis but Rarely Account for Familial Recurrence in Psoriasis Vulgaris. *Journal of Investigative Dermatology*, **2015**, 135, 2964-2970	4.3	58
255	South African amaXhosa patients with atopic dermatitis have decreased levels of filaggrin breakdown products but no loss-of-function mutations in filaggrin. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 280-2.e1-2	11.5	58
254	Insight into IKBKG/NEMO locus: report of new mutations and complex genomic rearrangements leading to incontinentia pigmenti disease. *Human Mutation*, **2014**, 35, 165-77	4.7	57
253	The exposome in atopic dermatitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2020**, 75, 63-74	9.3	57
252	Haploinsufficiency for AAGAB causes clinically heterogeneous forms of punctate palmoplantar keratoderma. *Nature Genetics*, **2012**, 44, 1272-6	36.3	56
251	Cant□syndrome: report of nine new cases and expansion of the clinical phenotype. *American Journal of Medical Genetics, Part A*, **2011**, 155A, 508-18	2.5	55
250	Once-daily upadacitinib versus placebo in adolescents and adults with moderate-to-severe atopic dermatitis (Measure Up 1 and Measure Up 2): results from two replicate double-blind, randomised controlled phase 3 trials. *Lancet, The*, **2021**, 397, 2151-2168	40	55
249	Clumping Factor B Promotes Adherence of Staphylococcus aureus to Corneocytes in Atopic Dermatitis. *Infection and Immunity*, **2017**, 85,	3.7	53
248	Copy-number mutations on chromosome 17q24.2-q24.3 in congenital generalized hypertrichosis terminalis with or without gingival hyperplasia. *American Journal of Human Genetics*, **2009**, 84, 807-13	11	53
247	Chromosome 11q13.5 variant associated with childhood eczema: an effect supplementary to filaggrin mutations. *Journal of Allergy and Clinical Immunology*, **2010**, 125, 170-4.e1-2	11.5	51
246	Identification of novel mutations in basic hair keratins hHb1 and hHb6 in monilethrix: implications for protein structure and clinical phenotype. *Journal of Investigative Dermatology*, **1999**, 113, 607-12	4.3	51
245	Autoimmune polyendocrinopathy-candidiasis-ectodermal dystrophy (APECED) in the Irish population. *Journal of Pediatric Endocrinology and Metabolism*, **2006**, 19, 1343-52	1.6	50
244	Cohort profile: The Cork BASELINE Birth Cohort Study: Babies after SCOPE: Evaluating the Longitudinal Impact on Neurological and Nutritional Endpoints. *International Journal of Epidemiology*, **2015**, 44, 764-75	7.8	46

243	A spectrum of mutations in keratins K6a, K16 and K17 causing pachyonychia congenita. *Journal of Dermatological Science*, **2007**, 48, 199-205	4.3	45
242	Filaggrin variants confer susceptibility to asthma. *Journal of Allergy and Clinical Immunology*, **2008**, 121, 1294-5; author reply 1295-6	11.5	44
241	The role of bacterial skin infections in atopic dermatitis: expert statement and review from the International Eczema Council Skin Infection Group. *British Journal of Dermatology*, **2020**, 182, 1331-1342	4	43
240	Propranolol in the treatment of infantile haemangiomas: lessons from the European Propranolol In the Treatment of Complicated Haemangiomas (PITCH) Taskforce survey. *British Journal of Dermatology*, **2016**, 174, 594-601	4	43
239	Filaggrin gene mutation associations with peanut allergy persist despite variations in peanut allergy diagnostic criteria or asthma status. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 239-42	11.5	42
238	The role of filaggrin loss-of-function mutations in atopic dermatitis. *Current Opinion in Allergy and Clinical Immunology*, **2008**, 8, 406-10	3.3	42
237	Adhesion of Staphylococcus aureus to Corneocytes from Atopic Dermatitis Patients Is Controlled by Natural Moisturizing Factor Levels. *MBio*, **2018**, 9,	7.8	41
236	Systemic and stratum corneum biomarkers of severity in infant atopic dermatitis include markers of innate and T helper cell-related immunity and angiogenesis. *British Journal of Dermatology*, **2019**, 180, 586-596	4	41
235	A mutation in the V1 domain of keratin 5 causes epidermolysis bullosa simplex with mottled pigmentation. *Journal of Investigative Dermatology*, **1997**, 108, 809-10	4.3	41
234	A mutation detection strategy for the human keratin 6A gene and novel missense mutations in two cases of pachyonychia congenita type 1. *Experimental Dermatology*, **1999**, 8, 109-14	4	41
233	Vitamin D metabolite concentrations in umbilical cord blood serum and associations with clinical characteristics in a large prospective mother-infant cohort in Ireland. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 167, 162-168	5.1	40
232	Two cases of primarily palmoplantar keratoderma associated with novel mutations in keratin 1. *Journal of Investigative Dermatology*, **2002**, 119, 966-71	4.3	40
231	Systemic therapies for severe atopic dermatitis in children and adults. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 774-774.e6	11.5	39
230	Conditional analysis identifies three novel major histocompatibility complex loci associated with psoriasis. *Human Molecular Genetics*, **2012**, 21, 5185-92	5.6	39
229	Atypical epidermolytic palmoplantar keratoderma presentation associated with a mutation in the keratin 1 gene. *British Journal of Dermatology*, **2004**, 150, 1096-103	4	39
228	Mutations in keratin K9 in kindreds with epidermolytic palmoplantar keratoderma and epidemiology in Northern Ireland. *Journal of Investigative Dermatology*, **1998**, 111, 1207-9	4.3	38
227	Filaggrin null alleles are not associated with psoriasis. *Journal of Investigative Dermatology*, **2007**, 127, 1878-82	4.3	36
226	Early-life regional and temporal variation in filaggrin-derived natural moisturizing factor, filaggrin-processing enzyme activity, corneocyte phenotypes and plasmin activity: implications for atopic dermatitis. *British Journal of Dermatology*, **2018**, 179, 431-441	4	35

225	Absence of RECQL4 mutations in poikiloderma with neutropenia in Navajo and non-Navajo patients. *American Journal of Medical Genetics Part A*, **2003**, 118A, 299-301		34
224	Molecular confirmation of the unique phenotype of epidermolysis bullosa simplex with mottled pigmentation. *British Journal of Dermatology*, **2001**, 144, 40-5	4	34
223	Newborn transepidermal water loss values: a reference dataset. *Pediatric Dermatology*, **2013**, 30, 712-6	1.9	33
222	The spectrum of manifestations in desmoplakin gene (DSP) spectrin repeat 6 domain mutations: Immunophenotyping and response to ustekinumab. *Journal of the American Academy of Dermatology*, **2018**, 78, 498-505.e2	4.5	31
221	Identification of a novel C16orf57 mutation in Athabaskan patients with Poikiloderma with Neutropenia. *American Journal of Medical Genetics, Part A*, **2011**, 155A, 337-42	2.5	31
220	Juvenile localised scleroderma: a retrospective review of response to systemic treatment. *Irish Journal of Medical Science*, **2008**, 177, 343-6	1.9	31
219	The Alopecia Areata Consensus of Experts (ACE) study: Results of an international expert opinion on treatments for alopecia areata. *Journal of the American Academy of Dermatology*, **2020**, 83, 123-130	4.5	30
218	Development of allele-specific therapeutic siRNA in Meesmann epithelial corneal dystrophy. *PLoS ONE*, **2011**, 6, e28582	3.7	30
217	Management of difficult and severe eczema in childhood. *BMJ, The*, **2012**, 345, e4770	5.9	29
216	Mediastinal and neck kaposiform hemangioendothelioma: report of three cases. *Pediatric Dermatology*, **2009**, 26, 331-7	1.9	29
215	Update on Epidemiology, Diagnosis, and Disease Course of Atopic Dermatitis. *Seminars in Cutaneous Medicine and Surgery*, **2016**, 35, S84-8	1.4	29
214	Spontaneous atopic dermatitis in mice with a defective skin barrier is independent of ILC2 and mediated by IL-1 *Allergy: European Journal of Allergy and Clinical Immunology*, **2019**, 74, 1920-1933	9.3	28
213	Mathematical modeling of atopic dermatitis reveals "double-switch" mechanisms underlying 4 common disease phenotypes. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1861-1872.e7	11.5	27
212	A novel mutation in KRT12 associated with Meesmann's epithelial corneal dystrophy. *British Journal of Ophthalmology*, **2002**, 86, 729-32	5.5	27
211	Disease trajectories in childhood atopic dermatitis: an update and practitioner's guide. *British Journal of Dermatology*, **2019**, 181, 895-906	4	27
210	The treatment of viral warts with topical cidofovir 1%: our experience of seven paediatric patients. *British Journal of Dermatology*, **2009**, 160, 223-4	4	26
209	Cord blood leptin and gains in body weight and fat mass during infancy. *European Journal of Endocrinology*, **2016**, 175, 403-10	6.5	26
208	Human and computational models of atopic dermatitis: A´review and perspectives by an expert panel of the International Eczema Council. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 36-45	11.5	26

207	Adherence with early infant feeding and complementary feeding guidelines in the Cork BASELINE Birth Cohort Study. *Public Health Nutrition*, **2015**, 18, 2864-73	3.3	25
206	Deletion of Late Cornified Envelope 3B and 3C genes is not associated with atopic dermatitis. *Journal of Investigative Dermatology*, **2010**, 130, 2057-61	4.3	24
205	Inherited defects in keratins. *Clinics in Dermatology*, **2005**, 23, 6-14	3	24
204	Antenatal vitamin D exposure and childhood eczema, food allergy, asthma and allergic rhinitis at 2 and 5 years of age in the atopic disease-specific Cork BASELINE Birth Cohort Study. *Allergy: European Journal of Allergy and Clinical Immunology*, **2018**, 73, 2182-2191	9.3	23
203	An autosomal dominant syndrome of acromegaloid facial appearance and generalised hypertrichosis terminalis. *Journal of Medical Genetics*, **1996**, 33, 972-4	5.8	23
202	mosaic mutations in patients with capillary malformation-arteriovenous malformation. *Journal of Medical Genetics*, **2020**, 57, 48-52	5.8	23
201	Neonatal adiposity increases the risk of atopic dermatitis during the first year of life. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 108-117	11.5	22
200	Methotrexate for Severe Childhood Atopic Dermatitis: Clinical Experience in a Tertiary Center. *Pediatric Dermatology*, **2017**, 34, 528-534	1.9	22
199	Mutations in desmoglein 1 cause diverse inherited palmoplantar keratoderma phenotypes: implications for genetic screening. *British Journal of Dermatology*, **2017**, 176, 1345-1350	4	22
198	Response to IL-1-receptor antagonist in a child with familial cold autoinflammatory syndrome. *Pediatric Dermatology*, **2007**, 24, 85-9	1.9	22
197	siRNA silencing of the mutant keratin 12 allele in corneal limbal epithelial cells grown from patients with Meesmann's epithelial corneal dystrophy **2014**, 55, 3352-60		21
196	Systemic treatments in the management of atopic dermatitis: A systematic review and meta-analysis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 1053-1076	9.3	21
195	The widespread use of topical antimicrobials enriches for resistance in Staphylococcus aureus isolated from patients with atopic dermatitis. *British Journal of Dermatology*, **2018**, 179, 951-958	4	20
194	Hair on a gene string: recent advances in understanding the molecular genetics of hair loss. *Clinical and Experimental Dermatology*, **2001**, 26, 59-71	1.8	20
193	Impact of maternal, antenatal and birth-associated factors on iron stores at birth: data from a prospective maternal-infant birth cohort. *European Journal of Clinical Nutrition*, **2017**, 71, 782-787	5.2	19
192	Exome Sequencing and Rare Variant Analysis Reveals ́Multiple Filaggrin Mutations in Bangladeshi ́Families with Atopic Eczema and ́Additional Risk Genes. *Journal of Investigative Dermatology*, **2018**, 138, 2674-2677	4.3	19
191	PHACE syndrome: MRI of intracerebral vascular anomalies and clinical findings in a series of 12 patients. *Pediatric Radiology*, **2011**, 41, 1129-38	2.8	19
190	Towards a unified classification of the ectodermal dysplasias: opportunities outweigh challenges. *American Journal of Medical Genetics, Part A*, **2009**, 149A, 1970-2	2.5	19

189	The International TREatment of ATopic Eczema (TREAT) Registry Taskforce: An Initiative to Harmonize Data Collection across National Atopic Eczema Photo- and Systemic Therapy Registries. *Journal of Investigative Dermatology*, **2017**, 137, 2014-2016	4.3	18
188	Heritable filaggrin disorders: the paradigm of atopic dermatitis. *Journal of Investigative Dermatology*, **2012**, 132, E20-1	4.3	18
187	Successful treatment of florid cutaneous warts with intravenous cidofovir in an 11-year-old girl. *Pediatric Dermatology*, **2008**, 25, 387-9	1.9	18
186	Association between long-term acitretin therapy and osteoporosis: no evidence of increased risk. *Clinical and Experimental Dermatology*, **2003**, 28, 307-9	1.8	18
185	Expanding the clinical spectrum of hereditary fibrosing poikiloderma with tendon contractures, myopathy and pulmonary fibrosis due to FAM111B mutations. *Orphanet Journal of Rare Diseases*, **2015**, 10, 135	4.2	17
184	Genotype-phenotype correlations with TGM1: clustering of mutations in the bathing suit ichthyosis and self-healing collodion baby variants of lamellar ichthyosis. *British Journal of Dermatology*, **2010**, 162, 448-51	4	17
183	Carney complex: report of a kindred with predominantly cutaneous manifestations. *British Journal of Dermatology*, **1997**, 136, 578-582	4	17
182	Global reporting of cases of COVID-19 in psoriasis and atopic dermatitis: an opportunity to inform care during a pandemic. *British Journal of Dermatology*, **2020**, 183, 404-406	4	16
181	Iron intakes and status of 2-year-old children in the Cork BASELINE Birth Cohort Study. *Maternal and Child Nutrition*, **2017**, 13,	3.4	16
180	A novel mutation in the helix termination peptide of keratin 5 causing epidermolysis bullosa simplex Dowling-Meara. *Journal of Investigative Dermatology*, **1997**, 109, 815-6	4.3	16
179	Microscopic polyangiitis. Delineation of a cutaneous-limited variant associated with antimyeloperoxidase autoantibody. *Archives of Dermatology*, **1997**, 133, 474-7		16
178	Childhood eczema and the importance of the physical environment. *Journal of Investigative Dermatology*, **2013**, 133, 1706-9	4.3	15
177	Pseudoporphyria induced by mefenamic acid. *British Journal of Dermatology*, **1998**, 139, 1131-2	4	15
176	Ocular surface reconstruction in LOGIC syndrome by amniotic membrane transplantation. *Cornea*, **2001**, 20, 753-6	3.1	15
175	Primary cutaneous adenoid cystic carcinoma. *Clinical and Experimental Dermatology*, **1996**, 21, 249-50	1.8	15
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