Sara J Brown

List of Publications by Year in descending order

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79 papers	6,530 citations	109321 35 h-index	76900 74 g-index
81 all docs	81 docs citations	81 times ranked	7378 citing authors

#	Article	IF	Citations
1	Emollient enhancement of the skin barrier from birth offers effective atopic dermatitis prevention. Journal of Allergy and Clinical Immunology, 2014, 134, 818-823.	2.9	594
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.	21.4	529
3	One Remarkable Molecule: Filaggrin. Journal of Investigative Dermatology, 2012, 132, 751-762.	0.7	433
4	Loss-of-function variants in the filaggrin gene are a significant risk factor for peanut allergy. Journal of Allergy and Clinical Immunology, 2011, 127, 661-667.	2.9	424
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.	2.9	374
6	Atopic dermatitis increases the effect of exposure to peanut antigen in dust on peanut sensitization and likely peanut allergy. Journal of Allergy and Clinical Immunology, 2015, 135, 164-170.e4.	2.9	280
7	Peanut allergy: Effect of environmental peanut exposure in children with filaggrin loss-of-function mutations. Journal of Allergy and Clinical Immunology, 2014, 134, 867-875.e1.	2.9	240
8	A genome-wide association study of atopic dermatitis identifies loci with overlapping effects on asthma and psoriasis. Human Molecular Genetics, 2013, 22, 4841-4856.	2.9	202
9	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.	0.7	185
10	Daily emollient during infancy for prevention of eczema: the BEEP randomised controlled trial. Lancet, The, 2020, 395, 962-972.	13.7	178
11	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.	1.2	170
12	High-density genotyping study identifies four new susceptibility loci for atopic dermatitis. Nature Genetics, 2013, 45, 808-812.	21.4	167
13	Genome-wide Comparative Analysis of Atopic Dermatitis and Psoriasis Gives Insight into Opposing Genetic Mechanisms. American Journal of Human Genetics, 2015, 96, 104-120.	6.2	163
14	Evidence of a causal relationship between body mass index and psoriasis: A mendelian randomization study. PLoS Medicine, 2019, 16, e1002739.	8.4	144
15	Filaggrin null mutations and childhood atopic eczema: A population-based case-control study. Journal of Allergy and Clinical Immunology, 2008, 121, 940-946.e3.	2.9	143
16	Eczema Genetics: Current State of Knowledge and Future Goals. Journal of Investigative Dermatology, 2009, 129, 543-552.	0.7	139
17	Identification of atopic dermatitis subgroups in children from 2 longitudinal birth cohorts. Journal of Allergy and Clinical Immunology, 2018, 141, 964-971.	2.9	136
18	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, 1121-1129.	2.9	135

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19	Research Techniques Made Simple: Transepidermal Water Loss Measurement as a Research Tool. Journal of Investigative Dermatology, 2018, 138, 2295-2300.e1.	0.7	130
20	Wide spectrum of filaggrin-null mutations in atopic dermatitis highlights differences between Singaporean Chinese and European populations. British Journal of Dermatology, 2011, 165, 106-114.	1.5	123
21	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.	2.9	118
22	Filaggrin haploinsufficiency is highly penetrant and is associated with increased severity of eczema: further delineation of the skin phenotype in a prospective epidemiological study of 792 school children. British Journal of Dermatology, 2009, 161, 884-889.	1.5	98
23	Prevalent and Low-Frequency Null Mutations in the Filaggrin Gene Are Associated with Early-Onset and Persistent Atopic Eczema. Journal of Investigative Dermatology, 2008, 128, 1591-1594.	0.7	95
24	Atopic Eczema and the Filaggrin Story. Seminars in Cutaneous Medicine and Surgery, 2008, 27, 128-137.	1.6	82
25	Atopic and non-atopic eczema. BMJ: British Medical Journal, 2006, 332, 584-588.	2.3	81
26	Haploinsufficiency for AAGAB causes clinically heterogeneous forms of punctate palmoplantar keratoderma. Nature Genetics, 2012, 44, 1272-1276.	21.4	78
27	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, 280-282.e2.	2.9	67
28	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.	1.5	65
29	Genetics of Atopic Dermatitis: From DNA Sequence to Clinical Relevance. Dermatology, 2019, 235, 355-364.	2.1	63
30	Chromosome 11q13.5 variant associated with childhood eczema: An effect supplementary to filaggrin mutations. Journal of Allergy and Clinical Immunology, 2010, 125, 170-174.e2.	2.9	58
31	Human and computational models of atopic dermatitis: AÂreview and perspectives by an expert panel of the International Eczema Council. Journal of Allergy and Clinical Immunology, 2019, 143, 36-45.	2.9	58
32	Effectiveness and cost-effectiveness of daily all-over-body application of emollient during the first year of life for preventing atopic eczema in high-risk children (The BEEP trial): protocol for a randomised controlled trial. Trials, 2017, 18, 343.	1.6	56
33	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, 239-242.e7.	2.9	54
34	The Microevolution and Epidemiology of Staphylococcus aureus Colonization during Atopic Eczema Disease Flare. Journal of Investigative Dermatology, 2018, 138, 336-343.	0.7	46
35	Silk garments plus standard care compared with standard care for treating eczema in children: A randomised, controlled, observer-blind, pragmatic trial (CLOTHES Trial). PLoS Medicine, 2017, 14, e1002280.	8.4	41
36	A mechanistic target of rapamycin complex 1/2 (mTORC1)/V-Akt murine thymoma viral oncogene homolog 1 (AKT1)/cathepsin H axis controls filaggrin expression and processing in skin, a novel mechanism for skin barrier disruption in patients with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2017, 139, 1228-1241.	2.9	38

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37	Molecular mechanisms in atopic eczema: insights gained from genetic studies. Journal of Pathology, 2017, 241, 140-145.	4.5	33
38	Are filaggrin mutations associated with hand eczema or contact allergy? â€“ we do not know. British Journal of Dermatology, 2008, 158, 1383-1384.	1.5	32
39	Improved Annotation of 3â€² Untranslated Regions and Complex Loci by Combination of Strand-Specific Direct RNA Sequencing, RNA-Seq and ESTs. PLoS ONE, 2014, 9, e94270.	2.5	27
40	Atopic eczema. Clinical Medicine, 2016, 16, 66-69.	1.9	26
41	The management of skin malignancy: to what extent should we rely on clinical diagnosis?. British Journal of Dermatology, 2006, 155, 100-103.	1.5	24
42	Position Statement on Atopic Dermatitis in Subâ€Saharan Africa: current status and roadmap. Journal of the European Academy of Dermatology and Venereology, 2019, 33, 2019-2028.	2.4	24
43	Randomised controlled trial of silk therapeutic garments for the management of atopic eczema in children: the CLOTHES trial. Health Technology Assessment, 2017, 21, 1-260.	2.8	24
44	EMSY expression affects multiple components of the skin barrier with relevance to atopic dermatitis. Journal of Allergy and Clinical Immunology, 2019, 144, 470-481.	2.9	23
45	What Have We Learned from GWAS for Atopic Dermatitis?. Journal of Investigative Dermatology, 2021, 141, 19-22.	0.7	23
46	Filaggrin loss-of-function variants are associated with atopic comorbidity in pediatric inflammatory bowel disease. Inflammatory Bowel Diseases, 2009, 15, 1492-1498.	1.9	22
47	What is the evidence for interactions between filaggrin null mutations and environmental exposures in the aetiology of atopic dermatitis? A systematic review. British Journal of Dermatology, 2020, 183, 443-451.	1.5	22
48	Heterozygous Mutations in AAGAB Cause Type 1 Punctate Palmoplantar Keratoderma with Evidence for Increased Growth Factor Signaling. Journal of Investigative Dermatology, 2013, 133, 2805-2808.	0.7	21
49	Genetics in Atopic Dermatitis: Historical Perspective and Future Prospects. Acta Dermato-Venereologica, 2020, 100, adv00163.	1.3	21
50	Pseudoxanthoma elasticum: biopsy of clinically normal skin in the investigation of patients with angioid streaks. British Journal of Dermatology, 2007, 157, 748-751.	1.5	20
51	Health Promotion Text Blasts for Minority Adolescent Mothers. MCN the American Journal of Maternal Child Nursing, 2014, 39, 357-362.	0.7	19
52	Filaggrin Null Mutations Are Not a Protective Factor for Acne Vulgaris. Journal of Investigative Dermatology, 2011, 131, 1378-1380.	0.7	17
53	Investigating the causal relationship between allergic disease and mental health. Clinical and Experimental Allergy, 2021, 51, 1449-1458.	2.9	17
54	Rare variant analysis in eczema identifies exonic variants in DUSP1, NOTCH4 and SLC9A4. Nature Communications, 2021, 12, 6618.	12.8	17

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55	Assessment of a causal relationship between body mass index and atopic dermatitis. Journal of Allergy and Clinical Immunology, 2021, 147, 400-403.	2.9	13
56	Functional and proteomic analysis of a full thickness filaggrin-deficient skin organoid model. Wellcome Open Research, 2019, 4, 134.	1.8	13
57	Identification of translational dermatology research priorities in the U.K.: results of an electronic Delphi exercise. British Journal of Dermatology, 2015, 173, 1191-1198.	1.5	12
58	Chronic cutaneous graft-versus-host disease associated with multiple cutaneous squamous cell carcinomas. Clinical and Experimental Dermatology, 2006, 31, 472-473.	1.3	10
59	Mutations in the SASPase Gene (ASPRV1) Are Not Associated with Atopic Eczema or Clinically Dry Skin. Journal of Investigative Dermatology, 2012, 132, 1507-1510.	0.7	10
60	A multi-centre, parallel group superiority trial of silk therapeutic clothing compared to standard care for the management of eczema in children (CLOTHES Trial): study protocol for a randomised controlled trial. Trials, 2015, 16, 390.	1.6	10
61	Subcorneal Pustular Dermatosis in Association with Chronic Lymphocytic Leukaemia. Acta Dermato-Venereologica, 2003, 83, 306-307.	1.3	9
62	Coma Blisters in 2 Children on Anticonvulsant Medication. Journal of Child Neurology, 2009, 24, 1021-1025.	1.4	9
63	Proteomic analysis of a filaggrin-deficient skin organoid model shows evidence of increased transcriptional-translational activity, keratinocyte-immune crosstalk and disordered axon guidance. Wellcome Open Research, 2019, 4, 134.	1.8	8
64	Loss-of-Function Mutations in the Gene Encoding Filaggrin Are Not Strongly Associated with Chronic Actinic Dermatitis. Journal of Investigative Dermatology, 2015, 135, 1919-1921.	0.7	6
65	Filaggrin genotype does not determine the skin's threshold to UV-induced erythema. Journal of Allergy and Clinical Immunology, 2016, 137, 1280-1282.e3.	2.9	6
66	Clinical examination for hyperlinear palms to determine filaggrin genotype: A diagnostic test accuracy study. Clinical and Experimental Allergy, 2021, 51, 1421-1428.	2.9	5
67	Insight from the Airâ€“Skin Interface. Journal of Investigative Dermatology, 2015, 135, 331-333.	0.7	4
68	What progress have we made in the treatment of atopic eczema? Putting the new biological therapies into a wider context. British Journal of Dermatology, 2017, 177, 4-6.	1.5	4
69	Priority research questions in atopic dermatitis: an International Eczema Council eDelphi consensus. British Journal of Dermatology, 2021, 185, 203-205.	1.5	3
70	The Pharmacogenetics of Body Odor: As Easy as ABCC?. Journal of Investigative Dermatology, 2013, 133, 1709-1711.	0.7	2
71	Genetic prediction of treatment response in psoriasis is still a work in progress. British Journal of Dermatology, 2017, 177, 344-345.	1.5	2
72	Atopic eczema treatment now and in the future: Targeting the skin barrier and key immune mechanisms in human skin. World Journal of Dermatology, 2017, 6, 42.	0.5	2

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73	Atopic Eczema: How Genetic Studies Can Contribute to the Understanding of this Complex Trait. Journal of Investigative Dermatology, 2022, 142, 1015-1019.	0.7	2
74	The Research Techniques Made Simple Series: Lasting and Future Impact on Investigative Dermatology. Journal of Investigative Dermatology, 2021, 141, 2761-2764.	0.7	1
75	Hand dermatitis in construction workers: a lesson in genetic epidemiology. British Journal of Dermatology, 2016, 174, 263-265.	1.5	0
76	Increased filaggrin expression in oral lichenoid lesions: is this cause or effect?. Journal of the European Academy of Dermatology and Venereology, 2017, 31, 759-759.	2.4	0
77	Research Techniques Are Not Simple. Journal of Investigative Dermatology, 2018, 138, 2089-2090.	0.7	0
78	Translational genetics: a challenging but important path. British Journal of Dermatology, 2021, 184, 800-801.	1.5	0
79	Imputation provides an opportunity to study filaggrin (FLG) null mutations in large population cohorts that lack bespoke genotyping. Wellcome Open Research, 0, 7, 36.	1.8	0