

# Brian S Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

8,970  
citations

57758

44  
h-index

43889

91  
g-index

105  
all docs

105  
docs citations

105  
times ranked

10393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of patients with chronic pruritus of unknown origin with dupilumab. <i>Journal of Dermatological Treatment</i> , 2022, 33, 1754-1757.	2.2	12
2	IL-33 signaling in sensory neurons promotes dry skin itch. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1473-1480.e6.	2.9	44
3	Structural insights into MRGPRX2: A new vision of itch and allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1221-1222.	2.9	6
4	The translational revolution of itch. <i>Neuron</i> , 2022, 110, 2209-2214.	8.1	17
5	Miswiring of Merkel cell and pruriceptive C fiber drives the itch-scratch cycle. <i>Science Translational Medicine</i> , 2022, 14, .	12.4	13
6	Ethnic variations in scalp pruritus and hair loss. <i>Journal of the American Academy of Dermatology</i> , 2021, 84, 792-794.	1.2	3
7	New and emerging treatments for inflammatory itch. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 126, 13-20.	1.0	49
8	Practical approaches for diagnosis and management of prurigo nodularis: United States expert panel consensus. <i>Journal of the American Academy of Dermatology</i> , 2021, 84, 747-760.	1.2	47
9	Intercellular Mitochondria Transfer to Macrophages Regulates White Adipose Tissue Homeostasis and Is Impaired in Obesity. <i>Cell Metabolism</i> , 2021, 33, 270-282.e8.	16.2	160
10	A basophil-neuronal axis promotes itch. <i>Cell</i> , 2021, 184, 422-440.e17.	28.9	130
11	Chronic Itch of Unknown Origin Is Associated With an Enhanced Th2 Skin Immune Profile. <i>American Journal of Dermatopathology</i> , 2021, 43, 773-775.	0.6	7
12	Beyond somatosensation: Mrgprs in mucosal tissues. <i>Neuroscience Letters</i> , 2021, 748, 135689.	2.1	9
13	Cutaneous mechanisms of itch signaling. <i>Itch (Philadelphia, Pa )</i> , 2021, 6, e50-e50.	0.2	0
14	HLA Class I Polymorphisms Influencing Both Peptide Binding and KIR Interactions Are Associated with Remission among Children with Atopic Dermatitis: A Longitudinal Study. <i>Journal of Immunology</i> , 2021, 206, 2038-2044.	0.8	8
15	Immunosensation: Neuroimmune Cross Talk in the Skin. <i>Annual Review of Immunology</i> , 2021, 39, 369-393.	21.8	25
16	Sneezing reflex is mediated by a peptidergic pathway from nose to brainstem. <i>Cell</i> , 2021, 184, 3762-3773.e10.	28.9	33
17	Thymic stromal lymphopoietin induces adipose loss through sebum hypersecretion. <i>Science</i> , 2021, 373, .	12.6	36
18	Rapid Improvement of Itch Associated With Atopic Dermatitis With Abrocitinib Is Partially Independent of Overall Disease Improvement. <i>Dermatitis</i> , 2021, Publish Ahead of Print, S39-S44.	1.6	9

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19	Association of KIR Genes and MHC Class I Ligands with Atopic Dermatitis. <i>Journal of Immunology</i> , 2021, 207, 1522-1529.	0.8	10
20	Innate Immune Regulation of Dermatitis. <i>Immunology and Allergy Clinics of North America</i> , 2021, 41, 347-359.	1.9	8
21	Emerging targeted therapeutics underscore immunologic heterogeneity of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 719-721.	2.9	8
22	Bidirectional sensory neuron-immune interactions: a new vision in the understanding of allergic inflammation. <i>Current Opinion in Immunology</i> , 2021, 72, 79-86.	5.5	9
23	Mechanosensitive TRPV4 is required for crystal-induced inflammation. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1604-1614.	0.9	36
24	The Sensation of Itch: From Biological Discovery to Medical Treatment. <i>Journal of Investigative Dermatology</i> , 2021, , .	0.7	1
25	Treatment of atopic dermatitis with ruxolitinib cream (JAK1/JAK2 inhibitor) or triamcinolone cream. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 572-582.	2.9	151
26	Kallikrein 7 Promotes Atopic Dermatitis-Associated Itch Independently of Skin Inflammation. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1244-1252.e4.	0.7	36
27	Scratching Beyond the Surface of Itchy Wounds. <i>Immunity</i> , 2020, 53, 235-237.	14.3	1
28	Evaluation of apremilast in chronic pruritus of unknown origin: A proof-of-concept, phase 2a, open-label, single-arm clinical trial. <i>Health Science Reports</i> , 2020, 3, e154.	1.5	7
29	Dupilumab treatment results in early and sustained improvements in itch in adolescents and adults with moderate to severe atopic dermatitis: Analysis of the randomized phase 3 studies SOLO 1 and SOLO 2, AD ADOL, and CHRONOS. <i>Journal of the American Academy of Dermatology</i> , 2020, 82, 1328-1336.	1.2	74
30	Associating filaggrin copy number variation and atopic dermatitis in African-Americans: Challenges and opportunities. <i>Journal of Dermatological Science</i> , 2020, 98, 58-60.	1.9	8
31	Blood natural killer cell deficiency reveals an immunotherapy strategy for atopic dermatitis. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	57
32	Effects of ruxolitinib cream on pruritus and quality of life in atopic dermatitis: Results from a phase 2, randomized, dose-ranging, vehicle- and active-controlled study. <i>Journal of the American Academy of Dermatology</i> , 2020, 82, 1305-1313.	1.2	73
33	PAR2 Mediates Itch via TRPV3 Signaling in Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1524-1532.	0.7	64
34	The Return of the Mast Cell: New Roles in Neuroimmune Itch Biology. <i>Journal of Investigative Dermatology</i> , 2020, 140, 945-951.	0.7	27
35	Itch: A Paradigm of Neuroimmune Crosstalk. <i>Immunity</i> , 2020, 52, 753-766.	14.3	77
36	A precision medicine-based strategy for a severe adverse drug reaction. <i>Nature Medicine</i> , 2020, 26, 167-168.	30.7	6

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37	Perfect timing: circadian rhythms, sleep, and immunity – an NIH workshop summary. JCI Insight, 2020, 5, .	5.0	136
38	Sensory Neurons Drive Anticipatory Immunity. Cell, 2019, 178, 771-773.	28.9	3
39	Pruritus in allergy and immunology. Journal of Allergy and Clinical Immunology, 2019, 144, 353-360.	2.9	73
40	Association between fine mapping thymic stromal lymphopoietin and atopic dermatitis onset and persistence. Annals of Allergy, Asthma and Immunology, 2019, 123, 595-601.e1.	1.0	13
41	Treatment of Refractory Chronic Pruritus of Unknown Origin With Tofacitinib in Patients With Rheumatoid Arthritis. JAMA Dermatology, 2019, 155, 1426.	4.1	19
42	Research Techniques Made Simple: Itch Measurement in Clinical Trials. Journal of Investigative Dermatology, 2019, 139, 264-269.e1.	0.7	13
43	Chronic pruritus of unknown origin (CPUO): Uniform nomenclature and diagnosis as a pathway to standardized understanding and treatment. Journal of the American Academy of Dermatology, 2019, 81, 1223-1224.	1.2	30
44	The Neuroimmune Axis in Skin Sensation, Inflammation, and Immunity. Journal of Immunology, 2019, 202, 2829-2835.	0.8	39
45	Activation of Mast-Cell-Expressed Mas-Related G-Protein-Coupled Receptors Drives Non-histaminergic Itch. Immunity, 2019, 50, 1163-1171.e5.	14.3	213
46	High dietary fat intake induces a microbiota signature that promotes food allergy. Journal of Allergy and Clinical Immunology, 2019, 144, 157-170.e8.	2.9	84
47	Interleukin-17 Drives Interstitial Entrapment of Tissue Lipoproteins in Experimental Psoriasis. Cell Metabolism, 2019, 29, 475-487.e7.	16.2	38
48	Interactions of the immune and sensory nervous systems in atopy. FEBS Journal, 2018, 285, 3138-3151.	4.7	34
49	Generalized pruritus relieved by NSAIDs in the setting of mast cell activation syndrome. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 2130-2131.	3.8	5
50	Uncommon Filaggrin Variants Are Associated with Persistent Atopic Dermatitis in African Americans. Journal of Investigative Dermatology, 2018, 138, 1501-1506.	0.7	59
51	Acute graft-versus-host disease following lung transplantation in a patient with a novel TERT mutation. Thorax, 2018, 73, 489-492.	5.6	12
52	PXR: A New Player in Atopic Dermatitis. Journal of Investigative Dermatology, 2018, 138, 8-10.	0.7	5
53	Piezo2 channel –Merkel cell signaling modulates the conversion of touch to itch. Science, 2018, 360, 530-533.	12.6	144
54	Immunomodulating Agents as Antipruritics. Dermatologic Clinics, 2018, 36, 325-334.	1.7	18

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55	The B antigen protects against the development of red meat allergy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018, 6, 1790-1791.e3.	3.8	25
56	Basophil-derived IL-4 promotes epicutaneous antigen sensitization concomitant with the development of food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 223-234.e5.	2.9	119
57	Transient receptor potential vanilloid 4-expressing macrophages and keratinocytes contribute differentially to allergic and nonallergic chronic itch. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 608-619.e7.	2.9	85
58	The Itch-Scratch Cycle: A Neuroimmune Perspective. <i>Trends in Immunology</i> , 2018, 39, 980-991.	6.8	135
59	Pathophysiological relevance of deiodinase polymorphism. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2018, 25, 341-346.	2.3	40
60	TRPV4 Channel Signaling in Macrophages Promotes Gastrointestinal Motility via Direct Effects on Smooth Muscle Cells. <i>Immunity</i> , 2018, 49, 107-119.e4.	14.3	63
61	Cytokine modulation of atopic itch. <i>Current Opinion in Immunology</i> , 2018, 54, 7-12.	5.5	44
62	Transfer of Cell-Surface Antigens by Scavenger Receptor CD36 Promotes Thymic Regulatory T Cell Receptor Repertoire Development and Allo-tolerance. <i>Immunity</i> , 2018, 48, 923-936.e4.	14.3	54
63	Commensal microbiota modulate gene expression in the skin. <i>Microbiome</i> , 2018, 6, 20.	11.1	147
64	MicroRNA signature of central nervous system-infiltrating dendritic cells in an animal model of multiple sclerosis. <i>Immunology</i> , 2018, 155, 112-122.	4.4	18
65	Macrophage angiotensin II type 2 receptor triggers neuropathic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8057-E8066.	7.1	107
66	Simultaneous improvement of alopecia universalis and atopic dermatitis in a patient treated with a JAK inhibitor. <i>JAAD Case Reports</i> , 2018, 4, 515-517.	0.8	18
67	Skin-derived TSLP systemically expands regulatory T cells. <i>Journal of Autoimmunity</i> , 2017, 79, 39-52.	6.5	26
68	The antimicrobial peptide human beta-defensin 2 promotes itch through Toll-like receptor 4 signaling in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 885-888.e6.	2.9	13
69	Germline hypomorphic CARD11 mutations in severe atopic disease. <i>Nature Genetics</i> , 2017, 49, 1192-1201.	21.4	174
70	TIGIT and Helios Are Highly Expressed on CD4+ T Cells in SÅ©zary Syndrome Patients. <i>Journal of Investigative Dermatology</i> , 2017, 137, 257-260.	0.7	20
71	Sensory TRP channels contribute differentially to skin inflammation and persistent itch. <i>Nature Communications</i> , 2017, 8, 980.	12.8	106
72	Sensory Neurons Co-opt Classical Immune Signaling Pathways to Mediate Chronic Itch. <i>Cell</i> , 2017, 171, 217-228.e13.	28.9	692

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73	CD164 identifies CD4+ T cells highly expressing genes associated with malignancy in SÅ©zary syndrome: the SÅ©zary signature genes, FCRL3, Tox, and miR-214. Archives of Dermatological Research, 2017, 309, 11-19.	1.9	21
74	Immune dysregulation underlies a subset of patients with chronic idiopathic pruritus. Journal of the American Academy of Dermatology, 2016, 74, 1017-1020.	1.2	37
75	New insights into basophil heterogeneity. Seminars in Immunopathology, 2016, 38, 549-561.	6.1	28
76	Superficial Immunity: Antimicrobial Responses Are More Than Skin Deep. Immunity, 2016, 45, 6-8.	14.3	3
77	IL-33-Dependent Group 2 Innate Lymphoid Cells Promote Cutaneous Wound Healing. Journal of Investigative Dermatology, 2016, 136, 487-496.	0.7	181
78	Urethrogram-Directed Stereotactic Body Radiation Therapy for Clinically Localized Prostate Cancer in Patients with Contraindications to Magnetic Resonance Imaging. Frontiers in Oncology, 2015, 5, 194.	2.8	11
79	Group 2 Innate Lymphoid Cells in Health and Disease. Cold Spring Harbor Perspectives in Biology, 2015, 7, a016337.	5.5	65
80	Association of HLA-DRB1 genetic variants with the persistence of atopic dermatitis. Human Immunology, 2015, 76, 571-577.	2.4	15
81	Group 2 innate lymphoid cells promote beiging of white adipose tissue and limit obesity. Nature, 2015, 519, 242-246.	27.8	788
82	Innate Lymphoid Cells in the Skin. Journal of Investigative Dermatology, 2015, 135, 673-678.	0.7	68
83	Improved Irritative Voiding Symptoms 3 Years after Stereotactic Body Radiation Therapy for Prostate Cancer. Frontiers in Oncology, 2014, 4, 290.	2.8	13
84	CD164 and FCRL3 Are Highly Expressed on CD4+CD26 <sup>hi</sup> T Cells in SÅ©zary Syndrome Patients. Journal of Investigative Dermatology, 2014, 134, 229-236.	0.7	37
85	Thymic Stromal Lymphopoietin Variation, Filaggrin Loss of Function, and the Persistence of Atopic Dermatitis. JAMA Dermatology, 2014, 150, 254.	4.1	76
86	Exposure to food allergens through inflamed skin promotes intestinal food allergy through the thymic stromal lymphopoietinâ€“basophil axis. Journal of Allergy and Clinical Immunology, 2014, 133, 1390-1399.e6.	2.9	233
87	Basophils Promote Innate Lymphoid Cell Responses in Inflamed Skin. Journal of Immunology, 2014, 193, 3717-3725.	0.8	236
88	Thymic stromal lymphopoietinâ€“elicited basophil responses promote eosinophilic esophagitis. Nature Medicine, 2013, 19, 1005-1013.	30.7	351
89	Innate lymphoid cells and allergic inflammation. Current Opinion in Immunology, 2013, 25, 738-744.	5.5	85
90	Cutaneous immunosurveillance and regulation of inflammation by group 2 innate lymphoid cells. Nature Immunology, 2013, 14, 564-573.	14.5	410

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91	Thymic Stromal Lymphopoietin-Mediated Extramedullary Hematopoiesis Promotes Allergic Inflammation. <i>Immunity</i> , 2013, 39, 1158-1170.	14.3	64
92	Basophils and allergic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 789-801.	2.9	237
93	IL-25 simultaneously elicits distinct populations of innate lymphoid cells and multipotent progenitor type 2 (MPPtype2) cells. <i>Journal of Experimental Medicine</i> , 2013, 210, 1823-1837.	8.5	127
94	TSLP Elicits IL-33-Independent Innate Lymphoid Cell Responses to Promote Skin Inflammation. <i>Science Translational Medicine</i> , 2013, 5, 170ra16.	12.4	618
95	Commensal bacteria-derived signals regulate basophil hematopoiesis and allergic inflammation. <i>Nature Medicine</i> , 2012, 18, 538-546.	30.7	408
96	Generalized four-point characterization method using capacitive and ohmic contacts. <i>Review of Scientific Instruments</i> , 2012, 83, 024703.	1.3	3
97	TSLP promotes interleukin-3-independent basophil haematopoiesis and type 2 inflammation. <i>Nature</i> , 2011, 477, 229-233.	27.8	453
98	Tumor Necrosis Factor Inhibitor-Associated Dermatomyositis. <i>Archives of Dermatology</i> , 2010, 146, 780-4.	1.4	103
99	Keratinocytes Function as Accessory Cells for Presentation of Endogenous Antigen Expressed in the Epidermis. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2805-2817.	0.7	63
100	IL-15 Serves as a Costimulator in Determining the Activity of Autoreactive CD8 T Cells in an Experimental Mouse Model of Graft-versus-Host-Like Disease. <i>Journal of Immunology</i> , 2008, 181, 1109-1119.	0.8	19