

# J Michelle Kahlenberg

## List of Publications by Year in descending order

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100  
papers

4,938  
citations

109321

35  
h-index

106344

65  
g-index

104  
all docs

104  
docs citations

104  
times ranked

6835  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil Extracellular Trap-associated Protein Activation of the NLRP3 Inflammasome Is Enhanced in Lupus Macrophages. <i>Journal of Immunology</i> , 2013, 190, 1217-1226.	0.8	388
2	Little Peptide, Big Effects: The Role of LL-37 in Inflammation and Autoimmune Disease. <i>Journal of Immunology</i> , 2013, 191, 4895-4901.	0.8	336
3	Mechanisms of caspase-1 activation by P2X <sub>7</sub> receptor-mediated K <sup>+</sup> release. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 286, C1100-C1108.	4.6	309
4	IL-1 and IL-36 are dominant cytokines in generalized pustular psoriasis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 109-120.	2.9	259
5	Potential of Caspase-1 Activation by the P2X7 Receptor Is Dependent on TLR Signals and Requires NF- $\kappa$ B-Driven Protein Synthesis. <i>Journal of Immunology</i> , 2005, 175, 7611-7622.	0.8	188
6	Inflammasome Activation of IL-18 Results in Endothelial Progenitor Cell Dysfunction in Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2011, 187, 6143-6156.	0.8	162
7	Photosensitivity and type I IFN responses in cutaneous lupus are driven by epidermal-derived interferon kappa. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1653-1664.	0.9	162
8	Advances in the Medical Treatment of Rheumatoid Arthritis. <i>Hand Clinics</i> , 2011, 27, 11-20.	1.0	138
9	The inflammasome and lupus. <i>Current Opinion in Rheumatology</i> , 2014, 26, 475-481.	4.3	126
10	Cytokinocytes: the diverse contribution of keratinocytes to immune responses in skin. <i>JCI Insight</i> , 2020, 5, .	5.0	115
11	Mechanisms of Premature Atherosclerosis in Rheumatoid Arthritis and Lupus. <i>Annual Review of Medicine</i> , 2013, 64, 249-263.	12.2	110
12	Contribution of plasma cells and B cells to hidradenitis suppurativa pathogenesis. <i>JCI Insight</i> , 2020, 5, .	5.0	105
13	Inhibitory Effects of Chloride on the Activation of Caspase-1, IL-1 $\beta$ Secretion, and Cytolysis by the P2X7 Receptor. <i>Journal of Immunology</i> , 2005, 175, 7623-7634.	0.8	103
14	Progression of acute-to-chronic atopic dermatitis is associated with quantitative rather than qualitative changes in cytokine responses. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1406-1415.	2.9	103
15	A gene network regulated by the transcription factor VGLL3 as a promoter of sex-biased autoimmune diseases. <i>Nature Immunology</i> , 2017, 18, 152-160.	14.5	98
16	IFN- $\gamma$ enhances cell-mediated cytotoxicity against keratinocytes via JAK2/STAT1 in lichen planus. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	85
17	Sex bias in autoimmunity. <i>Current Opinion in Rheumatology</i> , 2019, 31, 53-61.	4.3	82
18	An Essential Role of Caspase 1 in the Induction of Murine Lupus and Its Associated Vascular Damage. <i>Arthritis and Rheumatology</i> , 2014, 66, 152-162.	5.6	78

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19	Lupus Skin Is Primed for IL-6 Inflammatory Responses through a Keratinocyte-Mediated Autocrine Type I Interferon Loop. <i>Journal of Investigative Dermatology</i> , 2017, 137, 115-122.	0.7	77
20	Enhanced Inflammasome Activity in Systemic Lupus Erythematosus Is Mediated via Type I Interferon-Induced Upregulation of Interferon Regulatory Factor 1. <i>Arthritis and Rheumatology</i> , 2017, 69, 1840-1849.	5.6	75
21	ENTPD-1 disrupts inflammasome IL-1 $\beta$ -driven venous thrombosis. <i>Journal of Clinical Investigation</i> , 2019, 129, 2872-2877.	8.2	75
22	Neutrophil dysregulation is pathogenic in idiopathic inflammatory myopathies. <i>JCI Insight</i> , 2020, 5, .	5.0	65
23	Neuromyelitis Optica Spectrum Disorder as an Initial Presentation of Primary Sjögren's Syndrome. <i>Seminars in Arthritis and Rheumatism</i> , 2011, 40, 343-348.	3.4	64
24	Cutaneous lupus erythematosus: updates on pathogenesis and associations with systemic lupus. <i>Current Opinion in Rheumatology</i> , 2016, 28, 453-459.	4.3	64
25	"Autoinflammatory psoriasis" genetics and biology of pustular psoriasis. <i>Cellular and Molecular Immunology</i> , 2021, 18, 307-317.	10.5	63
26	<i>Staphylococcus aureus</i> Phenol-Soluble Modulins Stimulate the Release of Proinflammatory Cytokines from Keratinocytes and Are Required for Induction of Skin Inflammation. <i>Infection and Immunity</i> , 2015, 83, 3428-3437.	2.2	59
27	Anti-Neutrophil Extracellular Trap Antibodies and Impaired Neutrophil Extracellular Trap Degradation in Antiphospholipid Syndrome. <i>Arthritis and Rheumatology</i> , 2020, 72, 2130-2135.	5.6	56
28	The interplay of inflammation and cardiovascular disease in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2010, 13, 203.	3.5	52
29	Nonlesional lupus skin contributes to inflammatory education of myeloid cells and primes for cutaneous inflammation. <i>Science Translational Medicine</i> , 2022, 14, eabn2263.	12.4	52
30	Differing caspase-1 activation states in monocyte versus macrophage models of IL-1 $\beta$ processing and release. <i>Journal of Leukocyte Biology</i> , 2004, 76, 676-684.	3.3	51
31	The female-biased factor VGLL3 drives cutaneous and systemic autoimmunity. <i>JCI Insight</i> , 2019, 4, .	5.0	46
32	Molecular Profiling of Cutaneous Lupus Lesions Identifies Subgroups Distinct from Clinical Phenotypes. <i>Journal of Clinical Medicine</i> , 2019, 8, 1244.	2.4	45
33	Hypersensitive IFN Responses in Lupus Keratinocytes Reveal Key Mechanistic Determinants in Cutaneous Lupus. <i>Journal of Immunology</i> , 2019, 202, 2121-2130.	0.8	44
34	Scleroderma keratinocytes promote fibroblast activation independent of transforming growth factor beta. <i>Rheumatology</i> , 2017, 56, 1970-1981.	1.9	43
35	Transcriptomic characterization of prurigo nodularis and the therapeutic response to nemolizumab. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1329-1339.	2.9	40
36	Long-term efficacy and safety of canakinumab in patients with colchicine-resistant familial Mediterranean fever: results from the randomised phase III CLUSTER trial. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1362-1369.	0.9	39

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37	Six-transmembrane epithelial antigens of the prostate comprise a novel inflammatory nexus in patients with pustular skin disorders. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1217-1227.	2.9	38
38	Ultraviolet light induces increased T cell activation in lupus-prone mice via type I IFN-dependent inhibition of T regulatory cells. <i>Journal of Autoimmunity</i> , 2019, 103, 102291.	6.5	38
39	Phospholipase A2 enzymes represent a shared pathogenic pathway in psoriasis and pityriasis rubra pilaris. <i>JCI Insight</i> , 2021, 6, .	5.0	35
40	Staphylococcus aureus Colonization Is Increased on Lupus Skin Lesions and Is Promoted by IFN-Mediated Barrier Disruption. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1066-1074.e4.	0.7	34
41	KLK6 expression in skin induces PAR1-mediated psoriasiform dermatitis and inflammatory joint disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 3151-3157.	8.2	34
42	Systemic Lupus Erythematosus: New Diagnostic and Therapeutic Approaches. <i>Annual Review of Medicine</i> , 2023, 74, 339-352.	12.2	34
43	IL-17 Responses Are the Dominant Inflammatory Signal Linking Inverse, Erythrodermic, and Chronic Plaque Psoriasis. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2498-2501.	0.7	31
44	TLR7-Mediated Lupus Nephritis Is Independent of Type I IFN Signaling. <i>Journal of Immunology</i> , 2018, 201, 393-405.	0.8	31
45	Patients with lupus with COVID-19: University of Michigan experience. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, e35-e35.	0.9	30
46	Endoplasmic reticulum stress sensor IRE1 $\alpha$ propels neutrophil hyperactivity in lupus. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	30
47	Epidermal Mineralocorticoid Receptor Plays Beneficial and Adverse Effects in Skin and Mediates Glucocorticoid Responses. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2417-2426.	0.7	29
48	The influence of interferon on healthy and diseased skin. <i>Cytokine</i> , 2020, 132, 154605.	3.2	29
49	IL18-containing 5-gene signature distinguishes histologically identical dermatomyositis and lupus erythematosus skin lesions. <i>JCI Insight</i> , 2020, 5, .	5.0	27
50	Interleukin 10 hampers endothelial cell differentiation and enhances the effects of interferon $\beta$ on lupus endothelial cell progenitors. <i>Rheumatology</i> , 2015, 54, 1114-1123.	1.9	25
51	Epidermal injury promotes nephritis flare in lupus-prone mice. <i>Journal of Autoimmunity</i> , 2015, 65, 38-48.	6.5	25
52	Human and Murine Evidence for Mechanisms Driving Autoimmune Photosensitivity. <i>Frontiers in Immunology</i> , 2018, 9, 2430.	4.8	24
53	B Cell Signatures Distinguish Cutaneous Lupus Erythematosus Subtypes and the Presence of Systemic Disease Activity. <i>Frontiers in Immunology</i> , 2021, 12, 775353.	4.8	24
54	Systemic levels of anti-PAD4 autoantibodies correlate with airway obstruction in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 636-645.	0.7	23

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55	Assembly and activation of site-specific recombination complexes. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 7760-7765.	7.1	22
56	Treatment of cutaneous lupus erythematosus: current approaches and future strategies. Current Opinion in Rheumatology, 2020, 32, 208-214.	4.3	22
57	Protein-DNA Complexes in Mycobacteriophage L5 Integrative Recombination. Journal of Bacteriology, 1999, 181, 454-461.	2.2	22
58	Dysfunction of endothelial progenitor cells is associated with the type I IFN pathway in patients with polymyositis and dermatomyositis. Rheumatology, 2016, 55, 1987-1992.	1.9	21
59	Single-cell transcriptomics reveals distinct effector profiles of infiltrating T cells in lupus skin and kidney. JCI Insight, 2022, 7, .	5.0	20
60	Advances in Disease Mechanisms and Translational Technologies: Clinicopathologic Significance of Inflammasome Activation in Autoimmune Diseases. Arthritis and Rheumatology, 2020, 72, 386-395.	5.6	19
61	Barriers to and Facilitators of a Career as a Physician-Scientist Among Rheumatologists in the US. Arthritis Care and Research, 2015, 67, 1191-1201.	3.4	17
62	Distinct CD40L receptors mediate inflammasome activation and secretion of IL-1 $\beta$ and MCP-1 in cultured human retinal pigment epithelial cells. Experimental Eye Research, 2018, 170, 29-39.	2.6	16
63	<i>DDX58</i> (RIG-I)-related disease is associated with tissue-specific interferon pathway activation. Journal of Medical Genetics, 2022, 59, 294-304.	3.2	16
64	The role of supercoiling in mycobacteriophage L5 integrative recombination. Nucleic Acids Research, 1998, 26, 4012-4018.	14.5	14
65	Recent genetic advances in innate immunity of psoriatic arthritis. Clinical Immunology, 2020, 214, 108405.	3.2	13
66	Comparison of Lesional Juvenile Myositis and Lupus Skin Reveals Overlapping Yet Unique Disease Pathophysiology. Arthritis and Rheumatology, 2021, 73, 1062-1072.	5.6	13
67	Noninvasive Tape-Stripping with High-Resolution RNA Profiling Effectively Captures a Preinflammatory State in Nonlesional Psoriatic Skin. Journal of Investigative Dermatology, 2022, 142, 1587-1596.e2.	0.7	13
68	Barriers and Facilitators of Mentoring for Trainees and Early Career Investigators in Rheumatology Research: Current State, Identification of Needs, and Road Map to an Interinstitutional Adult Rheumatology Mentoring Program. Arthritis Care and Research, 2018, 70, 445-453.	3.4	12
69	IFN- $\beta$ Is a Rheostat for Development of Psoriasiform Inflammation. Journal of Investigative Dermatology, 2022, 142, 155-165.e3.	0.7	12
70	Targeting the inflammasome in rheumatic diseases. Translational Research, 2016, 167, 125-137.	5.0	11
71	Cytokine responses in nonlesional psoriatic skin as clinical predictor to anti-TNF agents. Journal of Allergy and Clinical Immunology, 2022, 149, 640-649.e5.	2.9	11
72	IRAK2 Has a Critical Role in Promoting Feed-Forward Amplification of Epidermal Inflammatory Responses. Journal of Investigative Dermatology, 2021, 141, 2436-2448.	0.7	11

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73	Cutaneous and systemic connections in lupus. <i>Current Opinion in Rheumatology</i> , 2020, 32, 583-589.	4.3	10
74	Immunopathogenesis of skin injury in systemic lupus erythematosus. <i>Current Opinion in Rheumatology</i> , 2021, 33, 173-180.	4.3	10
75	Hemorrhagic Pericardial Effusion with Tamponade: A Rare Adverse Effect of Infliximab Case Report and Literature Review. <i>Case Reports in Rheumatology</i> , 2016, 2016, 1-3.	0.6	9
76	Anti-inflammatory panacea? The expanding therapeutics of interleukin-1 blockade. <i>Current Opinion in Rheumatology</i> , 2016, 28, 197-203.	4.3	9
77	Interferons in Systemic Lupus Erythematosus. <i>Rheumatic Disease Clinics of North America</i> , 2021, 47, 297-315.	1.9	9
78	The Role of Cutaneous Type I IFNs in Autoimmune and Autoinflammatory Diseases. <i>Journal of Immunology</i> , 2020, 205, 2941-2950.	0.8	8
79	Rethinking the Pathogenesis of Cutaneous Lupus. <i>Journal of Investigative Dermatology</i> , 2021, 141, 32-35.	0.7	8
80	OP0131 ANIFROLUMAB EFFECTS ON RASH AND ARTHRITIS IN PATIENTS WITH SLE AND IMPACT OF INTERFERON SIGNAL IN POOLED DATA FROM PHASE 3 TRIALS. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 75-76.	0.9	8
81	Cutaneous purpura of Sjögren syndrome successfully treated with hydroxychloroquine. <i>JAAD Case Reports</i> , 2017, 3, 326-328.	0.8	7
82	Biologics in the treatment of skin and rheumatologic diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1138-1141.	2.9	7
83	Mechanisms of Photosensitivity in Autoimmunity. <i>Journal of Investigative Dermatology</i> , 2022, 142, 849-856.	0.7	7
84	Caspase-1 is required for maintenance of marginal zone B cells in pristane-induced lupus. <i>Lupus</i> , 2016, 25, 81-87.	1.6	6
85	A vestigial pathway for sex differences in immune regulation. <i>Cellular and Molecular Immunology</i> , 2017, 14, 578-580.	10.5	6
86	Integrative Approach to Reveal Cell Type Specificity and Gene Candidates for Psoriatic Arthritis Outside the MHC. <i>Frontiers in Genetics</i> , 2019, 10, 304.	2.3	6
87	IFN- $\gamma$ is critical for normal wound repair and is decreased in diabetic wounds. <i>JCI Insight</i> , 2022, 7, .	5.0	5
88	Recent advances in cutaneous lupus. <i>Journal of Autoimmunity</i> , 2022, 132, 102865.	6.5	5
89	Transcriptional determinants of individualized inflammatory responses at anatomically separate sites. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 805-808.	2.9	4
90	Inflammatory Bowel Disease Risk Variants Are Associated with an Increased Risk of Skin Cancer. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 1667-1676.	1.9	4

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91	Using autoantibody signatures to define cancer risk in dermatomyositis. Journal of Clinical Investigation, 2022, 132, .	8.2	4
92	Herpes zoster infection after topical steroid use in the setting of tumid lupus erythematosus. JAAD Case Reports, 2018, 4, 107-109.	0.8	3
93	Imaging Mass Cytometry Reveals Predominant Innate Immune Signature and Endothelial-Immune Cell Interaction in Juvenile Myositis Compared to Lupus Skin. Arthritis and Rheumatology, 2022, 74, 2024-2031.	5.6	3
94	Chromagarâ,¢ requires secondary confirmation strategies to minimize false positive/negative results for detection of Staphylococcus aureus. Journal of Microbiological Methods, 2019, 161, 71-73.	1.6	2
95	IL-17A Softens the Skin: Antifibrotic Properties of IL-17A in Systemic Sclerosis. Journal of Investigative Dermatology, 2020, 140, 13-14.	0.7	2
96	Mentorship of physician scientists: a critical imperative. Nature Immunology, 2021, 22, 930-931.	14.5	2
97	Response to Comment on "Inflammasome Activation of IL-18 Results in Endothelial Progenitor Cell Dysfunction in Systemic Lupus Erythematosus", Journal of Immunology, 2012, 189, 499.2-500.	0.8	0
98	Mechanisms of Acute Inflammation and Vascular Injury in SLE. , 2013, , 166-174.		0
99	Reply. Arthritis and Rheumatology, 2014, 66, 2311-2312.	5.6	0
100	OPO272â€¦LONG-TERM EFFICACY AND SAFETY OF CANAKINUMAB IN PATIENTS WITH COLCHICINE-RESISTANT FAMILIAL MEDITERRANEAN FEVER: RESULTS FROM THE RANDOMISED PHASE 3 CLUSTER TRIAL. Annals of the Rheumatic Diseases, 2020, 79, 169.2-170.	0.9	0