

# J Michelle Kahlenberg

## List of Publications by Citations

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93  
papers

3,079  
citations

27  
h-index

54  
g-index

104  
ext. papers

4,048  
ext. citations

6.8  
avg, IF

5.76  
L-index

#	Paper	IF	Citations
93	Neutrophil extracellular trap-associated protein activation of the NLRP3 inflammasome is enhanced in lupus macrophages. <i>Journal of Immunology</i> , <b>2013</b> , 190, 1217-26	5.3	283
92	Mechanisms of caspase-1 activation by P2X7 receptor-mediated K <sup>+</sup> release. <i>American Journal of Physiology - Cell Physiology</i> , <b>2004</b> , 286, C1100-8	5.4	267
91	Little peptide, big effects: the role of LL-37 in inflammation and autoimmune disease. <i>Journal of Immunology</i> , <b>2013</b> , 191, 4895-901	5.3	244
90	Potential of caspase-1 activation by the P2X7 receptor is dependent on TLR signals and requires NF-kappaB-driven protein synthesis. <i>Journal of Immunology</i> , <b>2005</b> , 175, 7611-22	5.3	167
89	IL-1 and IL-36 are dominant cytokines in generalized pustular psoriasis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 109-120	11.5	161
88	Inflammasome activation of IL-18 results in endothelial progenitor cell dysfunction in systemic lupus erythematosus. <i>Journal of Immunology</i> , <b>2011</b> , 187, 6143-56	5.3	135
87	Advances in the medical treatment of rheumatoid arthritis. <i>Hand Clinics</i> , <b>2011</b> , 27, 11-20	1.7	116
86	The inflammasome and lupus: another innate immune mechanism contributing to disease pathogenesis?. <i>Current Opinion in Rheumatology</i> , <b>2014</b> , 26, 475-81	5.3	98
85	Photosensitivity and type I IFN responses in cutaneous lupus are driven by epidermal-derived interferon kappa. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 1653-1664	2.4	95
84	Mechanisms of premature atherosclerosis in rheumatoid arthritis and lupus. <i>Annual Review of Medicine</i> , <b>2013</b> , 64, 249-63	17.4	93
83	Inhibitory effects of chloride on the activation of caspase-1, IL-1beta secretion, and cytolysis by the P2X7 receptor. <i>Journal of Immunology</i> , <b>2005</b> , 175, 7623-34	5.3	82
82	A gene network regulated by the transcription factor VGLL3 as a promoter of sex-biased autoimmune diseases. <i>Nature Immunology</i> , <b>2017</b> , 18, 152-160	19.1	67
81	An essential role of caspase 1 in the induction of murine lupus and its associated vascular damage. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 152-62	9.5	62
80	Lupus Skin Is Primed for IL-6 Inflammatory Responses through a Keratinocyte-Mediated Autocrine Type I Interferon Loop. <i>Journal of Investigative Dermatology</i> , <b>2017</b> , 137, 115-122	4.3	58
79	Ectonucleotidase tri(di)phosphohydrolase-1 (ENTPD-1) disrupts inflammasome/interleukin 1-driven venous thrombosis. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 2872-2877	15.9	52
78	Enhanced Inflammasome Activity in Systemic Lupus Erythematosus Is Mediated via Type I Interferon-Induced Up-Regulation of Interferon Regulatory Factor 1. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 1840-1849	9.5	51
77	Staphylococcus aureus phenol-soluble modulins stimulate the release of proinflammatory cytokines from keratinocytes and are required for induction of skin inflammation. <i>Infection and Immunity</i> , <b>2015</b> , 83, 3428-37	3.7	49

76	Cutaneous lupus erythematosus: updates on pathogenesis and associations with systemic lupus. <i>Current Opinion in Rheumatology</i> , <b>2016</b> , 28, 453-9	5.3	47
75	Neuromyelitis optica spectrum disorder as an initial presentation of primary Sjögren's syndrome. <i>Seminars in Arthritis and Rheumatism</i> , <b>2011</b> , 40, 343-8	5.3	46
74	Differing caspase-1 activation states in monocyte versus macrophage models of IL-1beta processing and release. <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 76, 676-84	6.5	45
73	The interplay of inflammation and cardiovascular disease in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , <b>2011</b> , 13, 203	5.7	40
72	Cytokinocytes: the diverse contribution of keratinocytes to immune responses in skin. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	37
71	Scleroderma keratinocytes promote fibroblast activation independent of transforming growth factor beta. <i>Rheumatology</i> , <b>2017</b> , 56, 1970-1981	3.9	32
70	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> , <b>2020</b> , 145, 1406-1415	11.5	32
69	Contribution of plasma cells and B cells to hidradenitis suppurativa pathogenesis. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	31
68	Sex bias in autoimmunity. <i>Current Opinion in Rheumatology</i> , <b>2019</b> , 31, 53-61	5.3	31
67	The female-biased factor VGLL3 drives cutaneous and systemic autoimmunity. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	28
66	IFN- $\alpha$ enhances cell-mediated cytotoxicity against keratinocytes via JAK2/STAT1 in lichen planus. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	26
65	Epidermal Mineralocorticoid Receptor Plays Beneficial and Adverse Effects in Skin and Mediates Glucocorticoid Responses. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 2417-2426	4.3	24
64	Molecular Profiling of Cutaneous Lupus Lesions Identifies Subgroups Distinct from Clinical Phenotypes. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	24
63	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> , <b>2017</b> , 139, 1217-1227	11.5	24
62	Neutrophil dysregulation is pathogenic in idiopathic inflammatory myopathies. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	23
61	Anti-Neutrophil Extracellular Trap Antibodies and Impaired Neutrophil Extracellular Trap Degradation in Antiphospholipid Syndrome. <i>Arthritis and Rheumatology</i> , <b>2020</b> , 72, 2130-2135	9.5	22
60	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> , <b>2019</b> , 103, 102291	15.5	21
59	Protein-DNA complexes in mycobacteriophage L5 integrative recombination. <i>Journal of Bacteriology</i> , <b>1999</b> , 181, 454-61	3.5	21

58	Hypersensitive IFN Responses in Lupus Keratinocytes Reveal Key Mechanistic Determinants in Cutaneous Lupus. <i>Journal of Immunology</i> , <b>2019</b> , 202, 2121-2130	5.3	21
57	Interleukin 10 hampers endothelial cell differentiation and enhances the effects of interferon $\beta$ in lupus endothelial cell progenitors. <i>Rheumatology</i> , <b>2015</b> , 54, 1114-23	3.9	20
56	Patients with lupus with COVID-19: University of Michigan experience. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> ,	2.4	20
55	Assembly and activation of site-specific recombination complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2000</b> , 97, 7760-5	11.5	19
54	Epidermal injury promotes nephritis flare in lupus-prone mice. <i>Journal of Autoimmunity</i> , <b>2015</b> , 65, 38-48	15.5	18
53	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> , <b>2020</b> , 79, 1362-1369	2.4	18
52	IL-17 Responses Are the Dominant Inflammatory Signal Linking Inverse, Erythrodermic, and Chronic Plaque Psoriasis. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 2498-2501	4.3	17
51	Systemic levels of anti-PAD4 autoantibodies correlate with airway obstruction in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2019</b> , 18, 636-645	4.1	17
50	Dysfunction of endothelial progenitor cells is associated with the type I IFN pathway in patients with polymyositis and dermatomyositis. <i>Rheumatology</i> , <b>2016</b> , 55, 1987-1992	3.9	16
49	TLR7-Mediated Lupus Nephritis Is Independent of Type I IFN Signaling. <i>Journal of Immunology</i> , <b>2018</b> , 201, 393-405	5.3	16
48	KLK6 expression in skin induces PAR1-mediated psoriasiform dermatitis and inflammatory joint disease. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 3151-3157	15.9	16
47	Staphylococcus aureus Colonization Is Increased on Lupus Skin Lesions and Is Promoted by IFN-Mediated Barrier Disruption. <i>Journal of Investigative Dermatology</i> , <b>2020</b> , 140, 1066-1074.e4	4.3	16
46	Human and Murine Evidence for Mechanisms Driving Autoimmune Photosensitivity. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2430	8.4	15
45	Advances in Disease Mechanisms and Translational Technologies: Clinicopathologic Significance of Inflammasome Activation in Autoimmune Diseases. <i>Arthritis and Rheumatology</i> , <b>2020</b> , 72, 386-395	9.5	14
44	"Autoinflammatory psoriasis"-genetics and biology of pustular psoriasis. <i>Cellular and Molecular Immunology</i> , <b>2021</b> , 18, 307-317	15.4	14
43	Distinct CD40L receptors mediate inflammasome activation and secretion of IL-1 $\beta$ and MCP-1 in cultured human retinal pigment epithelial cells. <i>Experimental Eye Research</i> , <b>2018</b> , 170, 29-39	3.7	12
42	Barriers to and Facilitators of a Career as a Physician-Scientist Among Rheumatologists in the US. <i>Arthritis Care and Research</i> , <b>2015</b> , 67, 1191-1201	4.7	12
41	The role of supercoiling in mycobacteriophage L5 integrative recombination. <i>Nucleic Acids Research</i> , <b>1998</b> , 26, 4012-8	20.1	12

40	The influence of interferon on healthy and diseased skin. <i>Cytokine</i> , <b>2020</b> , 132, 154605	4	12
39	IL18-containing 5-gene signature distinguishes histologically identical dermatomyositis and lupus erythematosus skin lesions. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	10
38	Targeting the inflammasome in rheumatic diseases. <i>Translational Research</i> , <b>2016</b> , 167, 125-37	11	9
37	Barriers and Facilitators of Mentoring for Trainees and Early Career Investigators in Rheumatology Research: Current State, Identification of Needs, and Road Map to an Inter-Institutional Adult Rheumatology Mentoring Program. <i>Arthritis Care and Research</i> , <b>2018</b> , 70, 445-453	4.7	9
36	Recent genetic advances in innate immunity of psoriatic arthritis. <i>Clinical Immunology</i> , <b>2020</b> , 214, 108405		9
35	Endoplasmic reticulum stress sensor IRE1 $\beta$ propels neutrophil hyperactivity in lupus. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	7
34	Hemorrhagic Pericardial Effusion with Tamponade: A Rare Adverse Effect of Infliximab-Case Report and Literature Review. <i>Case Reports in Rheumatology</i> , <b>2016</b> , 2016, 2576496	0.8	7
33	Anti-inflammatory panacea? The expanding therapeutics of interleukin-1 blockade. <i>Current Opinion in Rheumatology</i> , <b>2016</b> , 28, 197-203	5.3	7
32	Integrative Approach to Reveal Cell Type Specificity and Gene Candidates for Psoriatic Arthritis Outside the MHC. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 304	4.5	5
31	Caspase-1 is required for maintenance of marginal zone B cells in pristane-induced lupus. <i>Lupus</i> , <b>2016</b> , 25, 81-7	2.6	5
30	Cutaneous and systemic connections in lupus. <i>Current Opinion in Rheumatology</i> , <b>2020</b> , 32, 583-589	5.3	5
29	Cytokine responses in nonlesional psoriatic skin as clinical predictor to anti-TNF agents. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> ,	11.5	5
28	Phospholipase A2 enzymes represent a shared pathogenic pathway in psoriasis and pityriasis rubra pilaris. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	5
27	Treatment of cutaneous lupus erythematosus: current approaches and future strategies. <i>Current Opinion in Rheumatology</i> , <b>2020</b> , 32, 208-214	5.3	4
26	Rethinking the Pathogenesis of Cutaneous Lupus. <i>Journal of Investigative Dermatology</i> , <b>2021</b> , 141, 32-354.3		4
25	A vestigial pathway for sex differences in immune regulation. <i>Cellular and Molecular Immunology</i> , <b>2017</b> , 14, 578-580	15.4	3
24	Biologics in the treatment of skin and rheumatologic diseases. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 145, 1138-1141	11.5	3
23	Transcriptional determinants of individualized inflammatory responses at anatomically separate sites. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 141, 805-808	11.5	3

22	Cutaneous purpura of Sjögren syndrome successfully treated with hydroxychloroquine. <i>JAAD Case Reports</i> , <b>2017</b> , 3, 326-328	1.4	3
21	Transcriptomic characterization of prurigo nodularis and the therapeutic response to nemolizumab. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> ,	11.5	3
20	Immunopathogenesis of skin injury in systemic lupus erythematosus. <i>Current Opinion in Rheumatology</i> , <b>2021</b> , 33, 173-180	5.3	3
19	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> , <b>2021</b> , 80, 75-76	2.4	3
18	(RIG-I)-related disease is associated with tissue-specific interferon pathway activation. <i>Journal of Medical Genetics</i> , <b>2021</b> ,	5.8	3
17	Nonlesional lupus skin contributes to inflammatory education of myeloid cells and primes for cutaneous inflammation.. <i>Science Translational Medicine</i> , <b>2022</b> , 14, eabn2263	17.5	3
16	Herpes zoster infection after topical steroid use in the setting of tumid lupus erythematosus. <i>JAAD Case Reports</i> , <b>2018</b> , 4, 107-109	1.4	2
15	The Role of Cutaneous Type I IFNs in Autoimmune and Autoinflammatory Diseases. <i>Journal of Immunology</i> , <b>2020</b> , 205, 2941-2950	5.3	2
14	IFN- $\beta$ is a Rheostat for Development of Psoriasiform Inflammation. <i>Journal of Investigative Dermatology</i> , <b>2021</b> ,	4.3	2
13	IRAK2 Has a Critical Role in Promoting Feed-Forward Amplification of Epidermal Inflammatory Responses. <i>Journal of Investigative Dermatology</i> , <b>2021</b> , 141, 2436-2448	4.3	2
12	Chromagar $\beta$ requires secondary confirmation strategies to minimize false positive/negative results for detection of Staphylococcus aureus. <i>Journal of Microbiological Methods</i> , <b>2019</b> , 161, 71-73	2.8	1
11	B Cell Signatures Distinguish Cutaneous Lupus Erythematosus Subtypes and the Presence of Systemic Disease Activity. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 775353	8.4	1
10	IL-17A Softens the Skin: Antifibrotic Properties of IL-17A in Systemic Sclerosis. <i>Journal of Investigative Dermatology</i> , <b>2020</b> , 140, 13-14	4.3	1
9	Comparison of Lesional Juvenile Myositis and Lupus Skin Reveals Overlapping Yet Unique Disease Pathophysiology. <i>Arthritis and Rheumatology</i> , <b>2021</b> , 73, 1062-1072	9.5	1
8	Mentorship of physician scientists: a critical imperative. <i>Nature Immunology</i> , <b>2021</b> , 22, 930-931	19.1	1
7	Non-lesional and Lesional Lupus Skin Share Inflammatory Phenotypes that Drive Activation of CD16+ Dendritic Cells		1
6	Interferons in Systemic Lupus Erythematosus. <i>Rheumatic Disease Clinics of North America</i> , <b>2021</b> , 47, 297-315		0
5	Reply: To PMID 24449582. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 2311-2	9.5	

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3 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 53

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