

Keith B Elkon

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

7,075
citations

94433

37
h-index

155660

55
g-index

61
all docs

61
docs citations

61
times ranked

8650
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil extracellular traps enriched in oxidized mitochondrial DNA are interferogenic and contribute to lupus-like disease. <i>Nature Medicine</i> , 2016, 22, 146-153.	30.7	1,088
2	Complement-dependent Clearance of Apoptotic Cells by Human Macrophages. <i>Journal of Experimental Medicine</i> , 1998, 188, 2313-2320.	8.5	636
3	C-Reactive Protein Binds to Apoptotic Cells, Protects the Cells from Assembly of the Terminal Complement Components, and Sustains an Antiinflammatory Innate Immune Response. <i>Journal of Experimental Medicine</i> , 2000, 192, 1353-1364.	8.5	634
4	Systemic Exposure to Irradiated Apoptotic Cells Induces Autoantibody Production. <i>Journal of Experimental Medicine</i> , 1998, 188, 387-392.	8.5	544
5	Impaired Fas Response and Autoimmunity in Pten ^{+/} Mice. <i>Science</i> , 1999, 285, 2122-2125.	12.6	490
6	Digestion of Chromatin in Apoptotic Cell Microparticles Prevents Autoimmunity. <i>Cell</i> , 2016, 166, 88-101.	28.9	340
7	TLR9 Regulates TLR7- and MyD88-Dependent Autoantibody Production and Disease in a Murine Model of Lupus. <i>Journal of Immunology</i> , 2010, 184, 1840-1848.	0.8	295
8	Genetic evidence for the role of plasmacytoid dendritic cells in systemic lupus erythematosus. <i>Journal of Experimental Medicine</i> , 2014, 211, 1969-1976.	8.5	195
9	C1q Deficiency Leads to the Defective Suppression of IFN- β in Response to Nucleoprotein Containing Immune Complexes. <i>Journal of Immunology</i> , 2010, 185, 4738-4749.	0.8	190
10	Cutting Edge: Antimalarial Drugs Inhibit IFN- β Production through Blockade of Cyclic GMP-AMP Synthase-DNA Interaction. <i>Journal of Immunology</i> , 2015, 194, 4089-4093.	0.8	161
11	Ribosomal P autoantibodies in systemic lupus erythematosus. Frequencies in different ethnic groups and clinical and immunogenetic associations. <i>Arthritis and Rheumatism</i> , 1996, 39, 1833-1839.	6.7	150
12	Cytokines as therapeutic targets in SLE. <i>Nature Reviews Rheumatology</i> , 2010, 6, 339-347.	8.0	143
13	Importance of Nucleic Acid Recognition in Inflammation and Autoimmunity. <i>Annual Review of Medicine</i> , 2016, 67, 323-336.	12.2	135
14	Type I IFN system in the development and manifestations of SLE. <i>Current Opinion in Rheumatology</i> , 2012, 24, 499-505.	4.3	134
15	Expression of Cyclic GMP-AMP Synthase in Patients With Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2017, 69, 800-807.	5.6	129
16	Plasmacytoid Dendritic Cells and C1q Differentially Regulate Inflammatory Gene Induction by Lupus Immune Complexes. <i>Journal of Immunology</i> , 2012, 188, 902-915.	0.8	113
17	Type I Interferon and Systemic Lupus Erythematosus. <i>Journal of Interferon and Cytokine Research</i> , 2011, 31, 803-812.	1.2	101
18	Antimalarial Drugs as Immune Modulators: New Mechanisms for Old Drugs. <i>Annual Review of Medicine</i> , 2017, 68, 317-330.	12.2	96

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19	Overexpression of TLR7 promotes cell-intrinsic expansion and autoantibody production by transitional T1 B cells. <i>Journal of Experimental Medicine</i> , 2013, 210, 2773-2789.	8.5	93
20	Apoptosis in the rheumatic diseases. <i>Arthritis and Rheumatism</i> , 1997, 40, 1917-1927.	6.7	92
21	Levels of soluble fas/APO-1 /CD95 in systemic lupus erythematosus and juvenile rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1995, 38, 1735-1737.	6.7	85
22	Chronic TLR7 and TLR9 signaling drives anemia via differentiation of specialized hemophagocytes. <i>Science</i> , 2019, 363, .	12.6	82
23	Autoimmunity in MFG-E8-deficient mice is associated with altered trafficking and enhanced cross-presentation of apoptotic cell antigens. <i>Journal of Clinical Investigation</i> , 2011, 121, 2221-2241.	8.2	82
24	TLR7/8 activation in neutrophils impairs immune complex phagocytosis through shedding of FcγRIIA. <i>Journal of Experimental Medicine</i> , 2017, 214, 2103-2119.	8.5	69
25	Auto antibodies in the cerebrospinal fluid of patients with systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 1986, 29, 1090-1097.	6.7	68
26	Cutting Edge: Type I IFN Drives Emergency Myelopoiesis and Peripheral Myeloid Expansion during Chronic TLR7 Signaling. <i>Journal of Immunology</i> , 2013, 190, 886-891.	0.8	64
27	Review: Cell Death, Nucleic Acids, and Immunity. <i>Arthritis and Rheumatology</i> , 2018, 70, 805-816.	5.6	64
28	Complement, interferon and lupus. <i>Current Opinion in Immunology</i> , 2012, 24, 665-670.	5.5	63
29	Beyond apoptosis in lupus. <i>Current Opinion in Rheumatology</i> , 2014, 26, 459-466.	4.3	59
30	Role of the cGAS-STING pathway in systemic and organ-specific diseases. <i>Nature Reviews Nephrology</i> , 2022, 18, 558-572.	9.6	59
31	Increased Ribonuclease Expression Reduces Inflammation and Prolongs Survival in TLR7 Transgenic Mice. <i>Journal of Immunology</i> , 2013, 190, 2536-2543.	0.8	56
32	The early local and systemic Type I interferon responses to ultraviolet B light exposure are cGAS dependent. <i>Scientific Reports</i> , 2020, 10, 7908.	3.3	53
33	High TLR7 Expression Drives the Expansion of CD19+CD24hiCD38hi Transitional B Cells and Autoantibody Production in SLE Patients. <i>Frontiers in Immunology</i> , 2019, 10, 1243.	4.8	49
34	Ultraviolet B Irradiation Causes Stimulator of Interferon Genes-Dependent Production of Protective Type I Interferon in Mouse Skin by Recruited Inflammatory Monocytes. <i>Arthritis and Rheumatology</i> , 2017, 69, 826-836.	5.6	47
35	Structure and Function of Fas/Fas Ligand. <i>International Reviews of Immunology</i> , 1999, 18, 293-308.	3.3	44
36	Acute skin exposure to ultraviolet light triggers neutrophil-mediated kidney inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	42

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37	Intracellular mammalian DNA stimulates myeloid dendritic cells to produce type I interferons predominantly through a toll-like receptor 9-independent pathway. <i>Arthritis and Rheumatism</i> , 2006, 54, 951-962.	6.7	41
38	Inhibition of Tumor Necrosis Factor Alpha by an Adenovirus-Encoded Soluble Fusion Protein Extends Transgene Expression in the Liver and Lung. <i>Journal of Virology</i> , 1999, 73, 5098-5109.	3.4	35
39	IgM-Dependent Phagocytosis in Microglia Is Mediated by Complement Receptor 3, Not Fcγ ₁ Receptor. <i>Journal of Immunology</i> , 2015, 195, 5309-5317.	0.8	33
40	Detection and quantification of human anti-Sm antibodies using synthetic peptide and recombinant SmB antigens. <i>Arthritis and Rheumatism</i> , 1991, 34, 572-579.	6.7	32
41	Naturally Occurring Autoantibodies to Apoptotic Cells. <i>Advances in Experimental Medicine and Biology</i> , 2012, 750, 14-26.	1.6	29
42	Uncoupling complement C1s activation from C1q binding in apoptotic cell phagocytosis and immunosuppressive capacity. <i>Clinical Immunology</i> , 2016, 163, 84-90.	3.2	28
43	Caspases. <i>Journal of Experimental Medicine</i> , 1999, 190, 1725-1728.	8.5	27
44	Immune cell multiomics analysis reveals contribution of oxidative phosphorylation to B-cell functions and organ damage of lupus. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 845-853.	0.9	20
45	Blood-Borne RNA Correlates with Disease Activity and IFN-Stimulated Gene Expression in Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2016, 197, 2854-2863.	0.8	18
46	Citrullination in Rheumatoid Arthritis—A Process Promoted by Neutrophil Lysis?. <i>Rambam Maimonides Medical Journal</i> , 2016, 7, e0027.	1.0	13
47	A highlight from the LUPUS 2014 meeting: eight great ideas. <i>Lupus Science and Medicine</i> , 2015, 2, e000087.	2.7	12
48	Ribosomal protein autoantibodies in systemic lupus erythematosus. <i>BioEssays</i> , 1987, 7, 258-261.	2.5	8
49	Aspirin meets cGAS. <i>Nature Reviews Rheumatology</i> , 2019, 15, 254-255.	8.0	6
50	The (Orf)ull truth about IRF5 and type I interferons in SLE. <i>Nature Reviews Rheumatology</i> , 2020, 16, 543-544.	8.0	6
51	Functional characterization of lymphoid cells generated in serum-deprived culture stimulated with stem cell factor and interleukin 7 from normal and autoimmune mice. <i>Journal of Cellular Physiology</i> , 1995, 164, 562-570.	4.1	5
52	Characterization of autoantigens and autoantibodies by immunoblotting. <i>Electrophoresis</i> , 1987, 8, 445-451.	2.4	4
53	Complement Deficiencies Result in Surrogate Pathways of Complement Activation in Novel Polygenic Lupus-like Models of Kidney Injury. <i>Journal of Immunology</i> , 2020, 204, 2627-2640.	0.8	4
54	Autoimmunity Versus Allo- and Xeno-Reactivity in SCID Mice. <i>International Reviews of Immunology</i> , 1994, 11, 283-293.	3.3	3

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55	Poking Holes in Rheumatoid Joints. Science Translational Medicine, 2013, 5, 209fs39.	12.4	3
56	The Innate Immune System in SLE. , 2019, , 93-100.		1
57	Apoptosis and Autoimmunity. , 0, , 1-11.		0
58	Apoptosis and Inflammatory Forms of Cell Death. , 2019, , 237-247.		0