Keith B Elkon

List of Publications by Year
in descending order

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58 papers	7,075 citations	101384 36 h-index	155451 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. Nature Medicine, 2016, 22, 146-153.	15.2	1,088
2	Complement-dependent Clearance of Apoptotic Cells by Human Macrophages. Journal of Experimental Medicine, 1998, 188, 2313-2320.	4.2	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. Journal of Experimental Medicine, 2000, 192, 1353-1364.	4.2	634
4	Systemic Exposure to Irradiated Apoptotic Cells Induces Autoantibody Production. Journal of Experimental Medicine, 1998, 188, 387-392.	4.2	544
5	Impaired Fas Response and Autoimmunity in Pten+/ Mice. Science, 1999, 285, 2122-2125.	6.0	490
6	Digestion of Chromatin in Apoptotic Cell Microparticles Prevents Autoimmunity. Cell, 2016, 166, 88-101.	13.5	340
7	TLR9 Regulates TLR7- and MyD88-Dependent Autoantibody Production and Disease in a Murine Model of Lupus. Journal of Immunology, 2010, 184, 1840-1848.	0.4	295
8	Genetic evidence for the role of plasmacytoid dendritic cells in systemic lupus erythematosus. Journal of Experimental Medicine, 2014, 211, 1969-1976.	4.2	195
9	C1q Deficiency Leads to the Defective Suppression of IFN-Î± in Response to Nucleoprotein Containing Immune Complexes. Journal of Immunology, 2010, 185, 4738-4749.	0.4	190
10	Cutting Edge: Antimalarial Drugs Inhibit IFN-Î² Production through Blockade of Cyclic GMP-AMP Synthaseâ€“DNA Interaction. Journal of Immunology, 2015, 194, 4089-4093.	0.4	161
11	Ribosomal P autoantibodies in systemic lupus erythematosus. Frequencies in different ethnic groups and clinical and immunogenetic associations. Arthritis and Rheumatism, 1996, 39, 1833-1839.	6.7	150
12	Cytokines as therapeutic targets in SLE. Nature Reviews Rheumatology, 2010, 6, 339-347.	3.5	143
13	Importance of Nucleic Acid Recognition in Inflammation and Autoimmunity. Annual Review of Medicine, 2016, 67, 323-336.	5.0	135
14	Type I IFN system in the development and manifestations of SLE. Current Opinion in Rheumatology, 2012, 24, 499-505.	2.0	134
15	Expression of Cyclic GMPâ€AMP Synthase in Patients With Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2017, 69, 800-807.	2.9	129
16	Plasmacytoid Dendritic Cells and C1q Differentially Regulate Inflammatory Gene Induction by Lupus Immune Complexes. Journal of Immunology, 2012, 188, 902-915.	0.4	113
17	Type I Interferon and Systemic Lupus Erythematosus. Journal of Interferon and Cytokine Research, 2011, 31, 803-812.	0.5	101
18	Antimalarial Drugs as Immune Modulators: New Mechanisms for Old Drugs. Annual Review of Medicine, 2017, 68, 317-330.	5.0	96

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19	Overexpression of TLR7 promotes cell-intrinsic expansion and autoantibody production by transitional T1 B cells. Journal of Experimental Medicine, 2013, 210, 2773-2789.	4.2	93
20	Apoptosis in the rheumatic diseases. Arthritis and Rheumatism, 1997, 40, 1917-1927.	6.7	92
21	Levels of soluble fas/APO-1 /CD95 in systemic lupus erythematosus and juvenile rheumatoid arthritis. Arthritis and Rheumatism, 1995, 38, 1735-1737.	6.7	85
22	Chronic TLR7 and TLR9 signaling drives anemia via differentiation of specialized hemophagocytes. Science, 2019, 363, .	6.0	82
23	Autoimmunity in MFG-E8â€“deficient mice is associated with altered trafficking and enhanced cross-presentation of apoptotic cell antigens. Journal of Clinical Investigation, 2011, 121, 2221-2241.	3.9	82
24	TLR7/8 activation in neutrophils impairs immune complex phagocytosis through shedding of FcgRIIA. Journal of Experimental Medicine, 2017, 214, 2103-2119.	4.2	69
25	Auto antibodies in the cerebrospinal fluid of patients with systemic lupus erythematosus. Arthritis and Rheumatism, 1986, 29, 1090-1097.	6.7	68
26	Cutting Edge: Type I IFN Drives Emergency Myelopoiesis and Peripheral Myeloid Expansion during Chronic TLR7 Signaling. Journal of Immunology, 2013, 190, 886-891.	0.4	64
27	Review: Cell Death, Nucleic Acids, and Immunity. Arthritis and Rheumatology, 2018, 70, 805-816.	2.9	64
28	Complement, interferon and lupus. Current Opinion in Immunology, 2012, 24, 665-670.	2.4	63
29	Beyond apoptosis in lupus. Current Opinion in Rheumatology, 2014, 26, 459-466.	2.0	59
30	Role of the cGASâ€“STING pathway in systemic and organ-specific diseases. Nature Reviews Nephrology, 2022, 18, 558-572.	4.1	59
31	Increased Ribonuclease Expression Reduces Inflammation and Prolongs Survival in TLR7 Transgenic Mice. Journal of Immunology, 2013, 190, 2536-2543.	0.4	56
32	The early local and systemic Type I interferon responses to ultraviolet B light exposure are cGAS dependent. Scientific Reports, 2020, 10, 7908.	1.6	53
33	High TLR7 Expression Drives the Expansion of CD19+CD24hiCD38hi Transitional B Cells and Autoantibody Production in SLE Patients. Frontiers in Immunology, 2019, 10, 1243.	2.2	49
34	Ultraviolet B Irradiation Causes Stimulator of Interferon Genesâ€“Dependent Production of Protective Type I Interferon in Mouse Skin by Recruited Inflammatory Monocytes. Arthritis and Rheumatology, 2017, 69, 826-836.	2.9	47
35	Structure and Function of Fas/Fas Ligand. International Reviews of Immunology, 1999, 18, 293-308.	1.5	44
36	Acute skin exposure to ultraviolet light triggers neutrophil-mediated kidney inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	42

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37	Intracellular mammalian DNA stimulates myeloid dendritic cells to produce type I interferons predominantly through a toll-like receptor 9â€“independent pathway. Arthritis and Rheumatism, 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. Journal of Virology, 1999, 73, 5098-5109.	1.5	35
39	IgM-Dependent Phagocytosis in Microglia Is Mediated by Complement Receptor 3, Not FcÎ±/Î¼ Receptor. Journal of Immunology, 2015, 195, 5309-5317.	0.4	33
40	Detection and quantification of human anti-Sm antibodies using synthetic peptide and recombinant SmB antigens. Arthritis and Rheumatism, 1991, 34, 572-579.	6.7	32
41	Naturally Occurring Autoantibodies to Apoptotic Cells. Advances in Experimental Medicine and Biology, 2012, 750, 14-26.	0.8	29
42	Uncoupling complement C1s activation from C1q binding in apoptotic cell phagocytosis and immunosuppressive capacity. Clinical Immunology, 2016, 163, 84-90.	1.4	28
43	Caspases. Journal of Experimental Medicine, 1999, 190, 1725-1728.	4.2	27
44	Immune cell multiomics analysis reveals contribution of oxidative phosphorylation to B-cell functions and organ damage of lupus. Annals of the Rheumatic Diseases, 2022, 81, 845-853.	0.5	20
45	Blood-Borne RNA Correlates with Disease Activity and IFN-Stimulated Gene Expression in Systemic Lupus Erythematosus. Journal of Immunology, 2016, 197, 2854-2863.	0.4	18
46	Citrullination in Rheumatoid Arthritisâ€”A Process Promoted by Neutrophil Lysis?. Rambam Maimonides Medical Journal, 2016, 7, e0027.	0.4	13
47	A highlight from the LUPUS 2014 meeting: eight great ideas. Lupus Science and Medicine, 2015, 2, e000087.	1.1	12
48	Ribosomal protein autoantibodies in systemic lupus erythematosus. BioEssays, 1987, 7, 258-261.	1.2	8
49	Aspirin meets cGAS. Nature Reviews Rheumatology, 2019, 15, 254-255.	3.5	6
50	The (Orf)ull truth about IRF5 and type I interferons in SLE. Nature Reviews Rheumatology, 2020, 16, 543-544.	3.5	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. Journal of Cellular Physiology, 1995, 164, 562-570.	2.0	5
52	Characterization of autoantigens and autoantibodies by immunoblotting. Electrophoresis, 1987, 8, 445-451.	1.3	4
53	Complement Deficiencies Result in Surrogate Pathways of Complement Activation in Novel Polygenic Lupus-like Models of Kidney Injury. Journal of Immunology, 2020, 204, 2627-2640.	0.4	4
54	Autoimmunity Versus Allo- and Xeno-Reactivity in SCID Mice. International Reviews of Immunology, 1994, 11, 283-293.	1.5	3

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55	Poking Holes in Rheumatoid Joints. Science Translational Medicine, 2013, 5, 209fs39.	5.8	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