Mariana J Kaplan

List of Publications by Year
in descending order

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197 papers	21,259 citations	11608 70 h-index	10708 138 g-index
200 all docs	200 docs citations	200 times ranked	20658 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	Netting Neutrophils Induce Endothelial Damage, Infiltrate Tissues, and Expose Immunostimulatory Molecules in Systemic Lupus Erythematosus. Journal of Immunology, 2011, 187, 538-552.	0.4	1,039
3	NETs Are a Source of Citrullinated Autoantigens and Stimulate Inflammatory Responses in Rheumatoid Arthritis. Science Translational Medicine, 2013, 5, 178ra40.	5.8	1,016
4	Neutrophil Extracellular Traps: Double-Edged Swords of Innate Immunity. Journal of Immunology, 2012, 189, 2689-2695.	0.4	933
5	Mast Cells and Neutrophils Release IL-17 through Extracellular Trap Formation in Psoriasis. Journal of Immunology, 2011, 187, 490-500.	0.4	758
6	A Distinct Subset of Proinflammatory Neutrophils Isolated from Patients with Systemic Lupus Erythematosus Induces Vascular Damage and Synthesizes Type I IFNs. Journal of Immunology, 2010, 184, 3284-3297.	0.4	588
7	Somatic Mutations in UBA1 and Severe Adult-Onset Autoinflammatory Disease. New England Journal of Medicine, 2020, 383, 2628-2638.	13.9	580
8	Neutrophil Extracellular Trapâ€“Associated Protein Activation of the NLRP3 Inflammasome Is Enhanced in Lupus Macrophages. Journal of Immunology, 2013, 190, 1217-1226.	0.4	388
9	Neutrophil extracellular traps induce endothelial dysfunction in systemic lupus erythematosus through the activation of matrix metalloproteinase-2. Annals of the Rheumatic Diseases, 2015, 74, 1417-1424.	0.5	379
10	The role of neutrophils and NETosis in autoimmune and renal diseases. Nature Reviews Nephrology, 2016, 12, 402-413.	4.1	368
11	Peptidylarginine deiminase inhibition disrupts NET formation and protects against kidney, skin and vascular disease in lupus-prone MRL/lprmice. Annals of the Rheumatic Diseases, 2015, 74, 2199-2206.	0.5	355
12	Peptidylarginine deiminase inhibition is immunomodulatory and vasculoprotective in murine lupus. Journal of Clinical Investigation, 2013, 123, 2981-2993.	3.9	347
13	VDAC oligomers form mitochondrial pores to release mtDNA fragments and promote lupus-like disease. Science, 2019, 366, 1531-1536.	6.0	344
14	Peptidylarginine Deiminase Inhibition Reduces Vascular Damage and Modulates Innate Immune Responses in Murine Models of Atherosclerosis. Circulation Research, 2014, 114, 947-956.	2.0	342
15	Little Peptide, Big Effects: The Role of LL-37 in Inflammation and Autoimmune Disease. Journal of Immunology, 2013, 191, 4895-4901.	0.4	336
16	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. Cell Death and Differentiation, 2019, 26, 395-408.	5.0	295
17	Low-density granulocytes: a distinct class of neutrophils in systemic autoimmunity. Seminars in Immunopathology, 2013, 35, 455-463.	2.8	287
18	Demethylation ofITGAL (CD11a) regulatory sequences in systemic lupus erythematosus. Arthritis and Rheumatism, 2002, 46, 1282-1291.	6.7	282

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19	Neutrophils in the pathogenesis and manifestations of SLE. Nature Reviews Rheumatology, 2011, 7, 691-699.	3.5	282
20	Decreased ras-mitogen-activated protein kinase signaling may cause DNA hypomethylation in T lymphocytes from lupus patients. Arthritis and Rheumatism, 2001, 44, 397-407.	6.7	248
21	Interferon-Î± promotes abnormal vasculogenesis in lupus: a potential pathway for premature atherosclerosis. Blood, 2007, 110, 2907-2915.	0.6	245
22	¹⁸Fâ€Fluorodeoxyglucoseâ€“Positron Emission Tomography As an Imaging Biomarker in a Prospective, Longitudinal Cohort of Patients With Large Vessel Vasculitis. Arthritis and Rheumatology, 2018, 70, 439-449.	2.9	241
23	Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis. Science Immunology, 2017, 2, .	5.6	228
24	Demethylation of Promoter Regulatory Elements Contributes to Perforin Overexpression in CD4+ Lupus T Cells. Journal of Immunology, 2004, 172, 3652-3661.	0.4	221
25	Endothelial cell apoptosis in systemic lupus erythematosus: a common pathway for abnormal vascular function and thrombosis propensity. Blood, 2004, 103, 3677-3683.	0.6	220
26	Patients with COVID-19: in the dark-NETs of neutrophils. Cell Death and Differentiation, 2021, 28, 3125-3139.	5.0	189
27	Tofacitinib Ameliorates Murine Lupus and Its Associated Vascular Dysfunction. Arthritis and Rheumatology, 2017, 69, 148-160.	2.9	183
28	Neutrophil Extracellular Trapâ€“Derived Enzymes Oxidize Highâ€Density Lipoprotein: An Additional Proatherogenic Mechanism in Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2014, 66, 2532-2544.	2.9	173
29	At the Bench: Neutrophil extracellular traps (NETs) highlight novel aspects of innate immune system involvement in autoimmune diseases. Journal of Leukocyte Biology, 2016, 99, 253-264.	1.5	172
30	Cell death in the pathogenesis of systemic lupus erythematosus and lupus nephritis. Clinical Immunology, 2017, 185, 59-73.	1.4	163
31	Inflammasome Activation of IL-18 Results in Endothelial Progenitor Cell Dysfunction in Systemic Lupus Erythematosus. Journal of Immunology, 2011, 187, 6143-6156.	0.4	162
32	Epigenome profiling reveals significant DNA demethylation of interferon signature genes in lupus neutrophils. Journal of Autoimmunity, 2015, 58, 59-66.	3.0	161
33	Lupus neutrophils. Current Opinion in Rheumatology, 2012, 24, 441-450.	2.0	159
34	The Apoptotic Ligands TRAIL, TWEAK, and Fas Ligand Mediate Monocyte Death Induced by Autologous Lupus T Cells. Journal of Immunology, 2002, 169, 6020-6029.	0.4	157
35	Transcriptomic, epigenetic, and functional analyses implicate neutrophil diversity in the pathogenesis of systemic lupus erythematosus. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25222-25228.	3.3	156
36	Severity of Psoriasis Associates With Aortic Vascular Inflammation Detected by FDG PET/CT and Neutrophil Activation in a Prospective Observational Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2667-2676.	1.1	155

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37	Role of neutrophils in systemic autoimmune diseases. Arthritis Research and Therapy, 2013, 15, 219.	1.6	152
38	Proteins derived from neutrophil extracellular traps may serve as self-antigens and mediate organ damage in autoimmune diseases. Frontiers in Immunology, 2012, 3, 380.	2.2	149
39	Photoacoustic imaging of early inflammatory response using gold nanorods. Applied Physics Letters, 2007, 90, 223901.	1.5	141
40	Neutrophils in Rheumatoid Arthritis: Breaking Immune Tolerance and Fueling Disease. Trends in Molecular Medicine, 2019, 25, 215-227.	3.5	140
41	Cardiovascular disease in systemic lupus erythematosus: an update. Current Opinion in Rheumatology, 2018, 30, 441-448.	2.0	136
42	Potential benefits of green tea polyphenol EGCG in the prevention and treatment of vascular inflammation in rheumatoid arthritis. Life Sciences, 2013, 93, 307-312.	2.0	132
43	Type I interferons modulate vascular function, repair, thrombosis, and plaque progression in murine models of lupus and atherosclerosis. Arthritis and Rheumatism, 2012, 64, 2975-2985.	6.7	129
44	Aberrant Phenotype and Function of Myeloid Dendritic Cells in Systemic Lupus Erythematosus. Journal of Immunology, 2006, 177, 5878-5889.	0.4	128
45	The inflammasome and lupus. Current Opinion in Rheumatology, 2014, 26, 475-481.	2.0	126
46	Neutrophil subsets and their gene signature associate with vascular inflammation and coronary atherosclerosis in lupus. JCI Insight, 2018, 3, .	2.3	126
47	Somatic Mutations in UBA1 Define a Distinct Subset of Relapsing Polychondritis Patients With VEXAS. Arthritis and Rheumatology, 2021, 73, 1886-1895.	2.9	125
48	TRAIL (Apo2 Ligand) and TWEAK (Apo3 Ligand) Mediate CD4+T Cell Killing of Antigen-Presenting Macrophages. Journal of Immunology, 2000, 164, 2897-2904.	0.4	122
49	Type I Interferons Are Associated with Subclinical Markers of Cardiovascular Disease in a Cohort of Systemic Lupus Erythematosus Patients. PLoS ONE, 2012, 7, e37000.	1.1	121
50	Neutrophil phenotypes and functions in cancer: A consensus statement. Journal of Experimental Medicine, 2022, 219, .	4.2	119
51	The Detrimental Effects of IFN-Î± on Vasculogenesis in Lupus Are Mediated by Repression of IL-1 Pathways: Potential Role in Atherogenesis and Renal Vascular Rarefaction. Journal of Immunology, 2010, 185, 4457-4469.	0.4	117
52	Neutrophilâ€Related Gene Expression and Lowâ€Density Granulocytes Associated With Disease Activity and Response to Treatment in Antineutrophil Cytoplasmic Antibodyâ€“Associated Vasculitis. Arthritis and Rheumatology, 2015, 67, 1922-1932.	2.9	116
53	Deficiency of adenosine deaminase 2 triggers adenosine-mediated NETosis and TNF production in patients with DADA2. Blood, 2019, 134, 395-406.	0.6	115
54	Accelerated Macrophage Apoptosis Induces Autoantibody Formation and Organ Damage in Systemic Lupus Erythematosus. Journal of Immunology, 2006, 176, 2095-2104.	0.4	114

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55	Cardiovascular disease in rheumatoid arthritis. Current Opinion in Rheumatology, 2006, 18, 289-297.	2.0	113
56	Neutrophil extracellular traps, B cells, and type I interferons contribute to immune dysregulation in hidradenitis suppurativa. Science Translational Medicine, 2019, 11, .	5.8	111
57	Mechanisms of Premature Atherosclerosis in Rheumatoid Arthritis and Lupus. Annual Review of Medicine, 2013, 64, 249-263.	5.0	110
58	The role of neutrophils in the pathogenesis of systemic lupus erythematosus. Current Opinion in Rheumatology, 2015, 27, 448-453.	2.0	109
59	Low-density granulocytes activate T cells and demonstrate a non-suppressive role in systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2019, 78, 957-966.	0.5	106
60	CD11b activation suppresses TLR-dependent inflammation and autoimmunity in systemic lupus erythematosus. Journal of Clinical Investigation, 2017, 127, 1271-1283.	3.9	100
61	Cardiovascular Complications of Rheumatoid Arthritis: Assessment, Prevention, and Treatment. Rheumatic Disease Clinics of North America, 2010, 36, 405-426.	0.8	99
62	A novel image-based quantitative method for the characterization of NETosis. Journal of Immunological Methods, 2015, 423, 104-110.	0.6	99
63	Neutrophil extracellular traps mediate articular cartilage damage and enhance cartilage component immunogenicity in rheumatoid arthritis. JCI Insight, 2020, 5, .	2.3	97
64	Antiâ€“Citrullinated Protein Antibodies Are Associated With Neutrophil Extracellular Traps in the Sputum in Relatives of Rheumatoid Arthritis Patients. Arthritis and Rheumatology, 2017, 69, 1165-1175.	2.9	93
65	Phase 1 double-blind randomized safety trial of the Janus kinase inhibitor tofacitinib in systemic lupus erythematosus. Nature Communications, 2021, 12, 3391.	5.8	93
66	Sex differences in neutrophil biology modulate response to type I interferons and immunometabolism. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16481-16491.	3.3	91
67	Myeloid-Specific Deletion of Peptidylarginine Deiminase 4 Mitigates Atherosclerosis. Frontiers in Immunology, 2018, 9, 1680.	2.2	90
68	Macrophage metabolic reprogramming presents a therapeutic target in lupus nephritis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15160-15171.	3.3	90
69	Neutrophil-Mediated IFN Activation in the Bone Marrow Alters B Cell Development in Human and Murine Systemic Lupus Erythematosus. Journal of Immunology, 2014, 192, 906-918.	0.4	81
70	Interferon lambda promotes immune dysregulation and tissue inflammation in TLR7-induced lupus. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5409-5419.	3.3	81
71	An Essential Role of Caspase 1 in the Induction of Murine Lupus and Its Associated Vascular Damage. Arthritis and Rheumatology, 2014, 66, 152-162.	2.9	78
72	Placental histology and neutrophil extracellular traps in lupus and pre-eclampsia pregnancies. Lupus Science and Medicine, 2016, 3, e000134.	1.1	78

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73	A High-Throughput Real-Time Imaging Technique To Quantify NETosis and Distinguish Mechanisms of Cell Death in Human Neutrophils. Journal of Immunology, 2018, 200, 869-879.	0.4	77
74	Cardiovascular disease in lupus. Current Opinion in Rheumatology, 2013, 25, 597-605.	2.0	75
75	Peptidylarginine deiminases 2 and 4 modulate innate and adaptive immune responses in TLR-7â€“dependent lupus. JCI Insight, 2018, 3, .	2.3	75
76	Memory Stem T Cells in Autoimmune Disease: High Frequency of Circulating CD8+ Memory Stem Cells in Acquired Aplastic Anemia. Journal of Immunology, 2016, 196, 1568-1578.	0.4	74
77	Dysregulated neutrophil responses and neutrophil extracellular trap formation and degradation in PAPA syndrome. Annals of the Rheumatic Diseases, 2018, 77, 1825-1833.	0.5	74
78	Apoptosis in systemic lupus erythematosus. Clinical Immunology, 2004, 112, 210-218.	1.4	72
79	Stimulatory and Inhibitory Killer Ig-Like Receptor Molecules Are Expressed and Functional on Lupus T Cells. Journal of Immunology, 2009, 183, 3481-3487.	0.4	71
80	Design, Synthesis, and Biological Evaluation of Tetrazole Analogs of Cl-Amidine as Protein Arginine Deiminase Inhibitors. Journal of Medicinal Chemistry, 2015, 58, 1337-1344.	2.9	69
81	Metabolic abnormalities and oxidative stress in lupus. Current Opinion in Rheumatology, 2017, 29, 442-449.	2.0	67
82	Multicenter Systems Analysis of Human Blood Reveals Immature Neutrophils in Males and During Pregnancy. Journal of Immunology, 2017, 198, 2479-2488.	0.4	66
83	Hemodynamic, Autonomic, and Vascular Effects of Exposure to Coarse Particulate Matter Air Pollution from a Rural Location. Environmental Health Perspectives, 2014, 122, 624-630.	2.8	65
84	Neutrophil dysregulation is pathogenic in idiopathic inflammatory myopathies. JCI Insight, 2020, 5, .	2.3	65
85	Interferonâ€Î± and Angiogenic Dysregulation in Pregnant Lupus Patients Who Develop Preeclampsia. Arthritis and Rheumatology, 2015, 67, 977-987.	2.9	64
86	Inhibition of Neutrophil Extracellular Trap Formation after Stem Cell Transplant by Prostaglandin E₂. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 186-197.	2.5	64
87	Immunity to commensal skin fungi promotes psoriasiform skin inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16465-16474.	3.3	62
88	Sera from patients with type 2 Diabetes and Neuropathy Induce Autophagy and Colocalization with Mitochondria in SY5Y cells. Autophagy, 2005, 1, 163-170.	4.3	61
89	Unraveling Vascular Inflammation. Journal of the American College of Cardiology, 2017, 70, 1403-1412.	1.2	59
90	The liver is a common non-exocrine target in primary SjÃ¶gren's syndrome: A retrospective review. BMC Gastroenterology, 2002, 2, 21.	0.8	58

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91	Management of cardiovascular disease risk in chronic inflammatory disorders. Nature Reviews Rheumatology, 2009, 5, 208-217.	3.5	57
92	Interleukin 17 as a novel predictor of vascular function in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2011, 70, 1550-1555.	0.5	57
93	High density lipoprotein is targeted for oxidation by myeloperoxidase in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2013, 72, 1725-1731.	0.5	56
94	Neutrophil Subsets, Platelets, andÂVascular Disease in Psoriasis. JACC Basic To Translational Science, 2019, 4, 1-14.	1.9	56
95	Bite of the wolf: innate immune responses propagate autoimmunity in lupus. Journal of Clinical Investigation, 2021, 131, .	3.9	54
96	Targeting mitochondrial oxidative stress with MitoQ reduces NET formation and kidney disease in lupus-prone MRL-lprmice. Lupus Science and Medicine, 2020, 7, e000387.	1.1	54
97	The interplay of inflammation and cardiovascular disease in systemic lupus erythematosus. Arthritis Research and Therapy, 2010, 13, 203.	1.6	52
98	The Peroxisome Proliferator Activated Receptorâ€Î³ Pioglitazone Improves Vascular Function and Decreases Disease Activity in Patients With Rheumatoid Arthritis. Journal of the American Heart Association, 2013, 2, e000441.	1.6	52
99	Improved Mitochondrial Metabolism and Reduced Inflammation Following Attenuation of Murine Lupus With Coenzyme Q10 Analog Idebenone. Arthritis and Rheumatology, 2020, 72, 454-464.	2.9	52
100	The â€œInfodemicâ€•of COVIDâ€19. Arthritis and Rheumatology, 2020, 72, 1806-1808.	2.9	52
101	Update on cardiovascular disease in lupus. Current Opinion in Rheumatology, 2016, 28, 468-476.	2.0	51
102	Antibody Responses to Citrullinated and Noncitrullinated Antigens in the Sputum of Subjects With Rheumatoid Arthritis and Subjects at Risk for Development of Rheumatoid Arthritis. Arthritis and Rheumatology, 2018, 70, 516-527.	2.9	51
103	Highâ€Ðensity Lipoprotein in Lupus: Disease Biomarkers and Potential Therapeutic Strategy. Arthritis and Rheumatology, 2020, 72, 20-30.	2.9	51
104	Lupus-prone New Zealand Black/New Zealand White F1 mice display endothelial dysfunction and abnormal phenotype and function of endothelial progenitor cells. Lupus, 2010, 19, 288-299.	0.8	50
105	Systemic Toxicity Following Administration of Sirolimus (Formerly Rapamycin) for Psoriasis. Archives of Dermatology, 1999, 135, 553-7.	1.7	49
106	Effects of cilostazol in patients with Raynaud's syndrome. American Journal of Cardiology, 2003, 92, 1310-1315.	0.7	49
107	The Peroxisome Proliferator-Activated Receptor Î³ Agonist Pioglitazone Improves Cardiometabolic Risk and Renal Inflammation in Murine Lupus. Journal of Immunology, 2009, 183, 2729-2740.	0.4	49
108	Pathogenic immunity in systemic lupus erythematosus and atherosclerosis: common mechanisms and possible targets for intervention. Journal of Internal Medicine, 2015, 278, 494-506.	2.7	49

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109	Neutrophil-mediated carbamylation promotes articular damage in rheumatoid arthritis. Science Advances, 2020, 6, .	4.7	49
110	Haploinsufficiency of NADPH Oxidase Subunit Neutrophil Cytosolic Factor 2 Is Sufficient to Accelerate Fullâ€Blown Lupus in NZM 2328 Mice. Arthritis and Rheumatology, 2017, 69, 1647-1660.	2.9	47
111	Hepatocytes and neutrophils cooperatively suppress bacterial infection by differentially regulating lipocalinâ€2 and neutrophil extracellular traps. Hepatology, 2018, 68, 1604-1620.	3.6	47
112	Citrullinated Aggrecan Epitopes as Targets of Autoreactive <scp>CD</scp>4+ T Cells in Patients With Rheumatoid Arthritis. Arthritis and Rheumatology, 2019, 71, 518-528.	2.9	47
113	Impaired translational response and increased protein kinase PKR expression in T cells from lupus patients. Journal of Clinical Investigation, 2000, 106, 1561-1568.	3.9	47
114	Safety and Tolerability of Omalizumab: A Randomized Clinical Trial of Humanized Antiâ€IgE Monoclonal Antibody in Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2019, 71, 1135-1140.	2.9	46
115	Lupus high-density lipoprotein induces proinflammatory responses in macrophages by binding lectin-like oxidised low-density lipoprotein receptor 1 and failing to promote activating transcription factor 3 activity. Annals of the Rheumatic Diseases, 2017, 76, 602-611.	0.5	44
116	Differential ACPA Binding to Nuclear Antigens Reveals a PAD-Independent Pathway and a Distinct Subset of Acetylation Cross-Reactive Autoantibodies in Rheumatoid Arthritis. Frontiers in Immunology, 2019, 9, 3033.	2.2	43
117	Proteomic, biomechanical and functional analyses define neutrophil heterogeneity in systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2021, 80, 209-218.	0.5	43
118	Interferon lambda in inflammation and autoimmune rheumatic diseases. Nature Reviews Rheumatology, 2021, 17, 349-362.	3.5	42
119	New evidence for vascular disease in patients with early rheumatoid arthritis. Lancet, The, 2003, 361, 1068-1069.	6.3	41
120	The peroxisome-proliferator activated receptor-Î³ agonist pioglitazone modulates aberrant T cell responses in systemic lupus erythematosus. Clinical Immunology, 2013, 149, 119-132.	1.4	40
121	Differential ubiquitination in NETs regulates macrophage responses in systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2018, 77, annrheumdis-2017-212617.	0.5	40
122	Modulation of Cardiometabolic Disease Markers by Type I Interferon Inhibition in Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2021, 73, 459-471.	2.9	39
123	Brief Report: Deficiency of Complement 1r Subcomponent in Earlyâ€Onset Systemic Lupus Erythematosus: The Role of Diseaseâ€Modifying Alleles in a Monogenic Disease. Arthritis and Rheumatology, 2017, 69, 1832-1839.	2.9	38
124	Brief Report: Endothelial Progenitor Cell Phenotype and Function Are Impaired in Childhoodâ€Onset Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2015, 67, 2257-2262.	2.9	36
125	Vitamin D Deficiency, Interleukin 17, and Vascular Function in Rheumatoid Arthritis. Journal of Rheumatology, 2013, 40, 1529-1534.	1.0	34
126	Brief Report: Drugs Implicated in Systemic Autoimmunity Modulate Neutrophil Extracellular Trap Formation. Arthritis and Rheumatology, 2018, 70, 468-474.	2.9	34

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127	Real-time deformability cytometry reveals sequential contraction and expansion during neutrophil priming. Journal of Leukocyte Biology, 2019, 105, 1143-1153.	1.5	34
128	How does interferonâ€Î± insult the vasculature? Let me count the ways. Arthritis and Rheumatism, 2011, 63, 334-336.	6.7	33
129	Revealing the cellular degradome by mass spectrometry analysis of proteasome-cleaved peptides. Nature Biotechnology, 2018, 36, 1110-1116.	9.4	33
130	Oxidative DNA Damage Accelerates Skin Inflammation in Pristane-Induced Lupus Model. Frontiers in Immunology, 2020, 11, 554725.	2.2	32
131	Dendritic cells and the immunopathogenesis of systemic lupus erythematosus. Immunologic Research, 2007, 37, 135-145.	1.3	30
132	Brief Report: Vitamin D Deficiency Is Associated With Endothelial Dysfunction and Increases Type I Interferon Gene Expression in a Murine Model of Systemic Lupus Erythematosus. Arthritis and Rheumatology, 2016, 68, 2929-2935.	2.9	30
133	Accelerated model of lupus autoimmunity and vasculopathy driven by toll-like receptor 7/9 imbalance. Lupus Science and Medicine, 2018, 5, e000259.	1.1	28
134	Women in academic rheumatology. Arthritis and Rheumatism, 2005, 52, 697-706.	6.7	27
135	Premature vascular damage in systemic lupus erythematosus. Autoimmunity, 2009, 42, 580-586.	1.2	27
136	The effect of acute exposure to coarse particulate matter air pollution in a rural location on circulating endothelial progenitor cells: results from a randomized controlled study. Inhalation Toxicology, 2013, 25, 587-592.	0.8	27
137	RNA Externalized by Neutrophil Extracellular Traps Promotes Inflammatory Pathways in Endothelial Cells. Arthritis and Rheumatology, 2021, 73, 2282-2292.	2.9	27
138	Boosting NAD+ blunts TLR4-induced type I IFN in control and systemic lupus erythematosus monocytes. Journal of Clinical Investigation, 2022, 132, .	3.9	27
139	Detection of SLE Antigens in Neutrophil Extracellular Traps (NETs). Methods in Molecular Biology, 2014, 1134, 151-161.	0.4	26
140	Genome-wide DNA methylation analysis in primary antiphospholipid syndrome neutrophils. Clinical Immunology, 2018, 196, 110-116.	1.4	26
141	Genomic alterations in abnormal neutrophils isolated from adult patients with systemic lupus erythematosus. Arthritis Research and Therapy, 2014, 16, R165.	1.6	25
142	Interleukin 10 hampers endothelial cell differentiation and enhances the effects of interferon Î± on lupus endothelial cell progenitors. Rheumatology, 2015, 54, 1114-1123.	0.9	25
143	NETs spread ever wider in rheumatic diseases. Nature Reviews Rheumatology, 2020, 16, 73-74.	3.5	25
144	Deadliest catch: neutrophil extracellular traps in autoimmunity. Current Opinion in Rheumatology, 2020, 32, 64-70.	2.0	25

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145	Review: Neutrophils as Invigorated Targets in Rheumatic Diseases. Arthritis and Rheumatology, 2016, 68, 2071-2082.	2.9	24
146	PAM3 supports the generation of M2-like macrophages from lupus patient monocytes and improves disease outcome in murine lupus. Journal of Autoimmunity, 2019, 99, 24-32.	3.0	24
147	Association of Sputum Neutrophil Extracellular Trap Subsets With IgA Antiâ€“Citrullinated Protein Antibodies in Subjects at Risk for Rheumatoid Arthritis. Arthritis and Rheumatology, 2022, 74, 38-48.	2.9	22
148	Plasminogen Activator Inhibitor-1 Is Associated with Impaired Endothelial Function in Women with Systemic Lupus Erythematosus. Annals of the New York Academy of Sciences, 2005, 1051, 271-280.	1.8	21
149	Neutrophils in the Pathogenesis of Rheumatic Diseases: Fueling the Fire. Clinical Reviews in Allergy and Immunology, 2021, 60, 1-16.	2.9	21
150	Autoantibodies Present in Hidradenitis Suppurativa Correlate with Disease Severity and Promote the Release of Proinflammatory Cytokines in Macrophages. Journal of Investigative Dermatology, 2022, 142, 924-935.	0.3	20
151	Disentangling the role of neutrophil extracellular traps in rheumatic diseases. Current Opinion in Rheumatology, 2017, 29, 65-70.	2.0	19
152	Effects of Gasdermin D in Modulating Murine Lupus and its Associated Organ Damage. Arthritis and Rheumatology, 2020, 72, 2118-2129.	2.9	19
153	Cardiovascular disease risk and pathogenesis in systemic lupus erythematosus. Seminars in Immunopathology, 2022, 44, 309-324.	2.8	18
154	Cardiometabolic risk in psoriasis: differential effects of biologic agents. Vascular Health and Risk Management, 2008, Volume 4, 1229-1235.	1.0	17
155	Brief Report: Defining the Nasal Transcriptome in Granulomatosis With Polyangiitis (Wegener's). Arthritis and Rheumatology, 2015, 67, 2233-2239.	2.9	17
156	Brief Report: A Novel ELANE Mutation Associated With Inflammatory Arthritis, Defective NETosis, and Recurrent Parvovirus Infection. Arthritis and Rheumatology, 2017, 69, 2396-2401.	2.9	17
157	Association Between Soluble Lectinlike Oxidized Low-Density Lipoprotein Receptor-1 and Coronary Artery Disease in Psoriasis. JAMA Dermatology, 2020, 156, 151.	2.0	17
158	Use of Magnetic Resonance Imaging to Identify Immune Checkpoint Inhibitorâ€“Induced Inflammatory Arthritis. JAMA Network Open, 2020, 3, e200032.	2.8	17
159	Association of lipoprotein subfractions and glycoprotein acetylation with coronary plaque burden in SLE. Lupus Science and Medicine, 2019, 6, e000332.	1.1	16
160	Neutrophils as Drivers of Immune Dysregulation in Autoimmune Diseases with Skin Manifestations. Journal of Investigative Dermatology, 2022, 142, 823-833.	0.3	16
161	Effects of Prasterone (dehydroepiandrosterone) on markers of cardiovascular risk and bone turnover in premenopausal women with systemic lupus erythematosus: a pilot study. Lupus, 2010, 19, 1229-1236.	0.8	15
162	Determinants of Vascular Function in Patients With Chronic Gout. Journal of Clinical Hypertension, 2011, 13, 178-188.	1.0	14

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163	Immunometabolism in the pathogenesis of systemic lupus erythematosus: an update. Current Opinion in Rheumatology, 2020, 32, 562-571.	2.0	13
164	Using the circulating proteome to assess type I interferon activity in systemic lupus erythematosus. Scientific Reports, 2020, 10, 4462.	1.6	13
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