

# Mariana J Kaplan

## List of Publications by Citations

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189  
papers

14,519  
citations

62  
h-index

117  
g-index

200  
ext. papers

18,385  
ext. citations

8.9  
avg, IF

7  
L-index

#	Paper	IF	Citations
189	Netting neutrophils induce endothelial damage, infiltrate tissues, and expose immunostimulatory molecules in systemic lupus erythematosus. <i>Journal of Immunology</i> , <b>2011</b> , 187, 538-52	5.3	793
188	NETs are a source of citrullinated autoantigens and stimulate inflammatory responses in rheumatoid arthritis. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 178ra40	17.5	726
187	Neutrophil extracellular traps enriched in oxidized mitochondrial DNA are interferogenic and contribute to lupus-like disease. <i>Nature Medicine</i> , <b>2016</b> , 22, 146-53	50.5	721
186	Neutrophil extracellular traps: double-edged swords of innate immunity. <i>Journal of Immunology</i> , <b>2012</b> , 189, 2689-95	5.3	674
185	Mast cells and neutrophils release IL-17 through extracellular trap formation in psoriasis. <i>Journal of Immunology</i> , <b>2011</b> , 187, 490-500	5.3	626
184	A distinct subset of proinflammatory neutrophils isolated from patients with systemic lupus erythematosus induces vascular damage and synthesizes type I IFNs. <i>Journal of Immunology</i> , <b>2010</b> , 184, 3284-97	5.3	449
183	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
182	Peptidylarginine deiminase inhibition is immunomodulatory and vasculoprotective in murine lupus. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 2981-93	15.9	263
181	Neutrophil extracellular traps induce endothelial dysfunction in systemic lupus erythematosus through the activation of matrix metalloproteinase-2. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 1417-24 <sup>4</sup>	24	251
180	Peptidylarginine deiminase inhibition reduces vascular damage and modulates innate immune responses in murine models of atherosclerosis. <i>Circulation Research</i> , <b>2014</b> , 114, 947-56	15.7	250
179	Demethylation of ITGAL (CD11a) regulatory sequences in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , <b>2002</b> , 46, 1282-91		250
178	Peptidylarginine deiminase inhibition disrupts NET formation and protects against kidney, skin and vascular disease in lupus-prone MRL/lpr mice. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 2199-206	2.4	244
177	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
176	Decreased Ras-mitogen-activated protein kinase signaling may cause DNA hypomethylation in T lymphocytes from lupus patients. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 397-407		236
175	The role of neutrophils and NETosis in autoimmune and renal diseases. <i>Nature Reviews Nephrology</i> , <b>2016</b> , 12, 402-13	14.9	226
174	Low-density granulocytes: a distinct class of neutrophils in systemic autoimmunity. <i>Seminars in Immunopathology</i> , <b>2013</b> , 35, 455-63	12	213
173	Interferon-alpha promotes abnormal vasculogenesis in lupus: a potential pathway for premature atherosclerosis. <i>Blood</i> , <b>2007</b> , 110, 2907-15	2.2	207

172	Neutrophils in the pathogenesis and manifestations of SLE. <i>Nature Reviews Rheumatology</i> , <b>2011</b> , 7, 691-8.	8.1	203
171	Demethylation of promoter regulatory elements contributes to perforin overexpression in CD4+ lupus T cells. <i>Journal of Immunology</i> , <b>2004</b> , 172, 3652-61	5.3	197
170	Endothelial cell apoptosis in systemic lupus erythematosus: a common pathway for abnormal vascular function and thrombosis propensity. <i>Blood</i> , <b>2004</b> , 103, 3677-83	2.2	188
169	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 395-408	12.7	185
168	Somatic Mutations in and Severe Adult-Onset Autoinflammatory Disease. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 2628-2638	59.2	160
167	The apoptotic ligands TRAIL, TWEAK, and Fas ligand mediate monocyte death induced by autologous lupus T cells. <i>Journal of Immunology</i> , <b>2002</b> , 169, 6020-9	5.3	147
166	F-Fluorodeoxyglucose-Positron Emission Tomography As an Imaging Biomarker in a Prospective, Longitudinal Cohort of Patients With Large Vessel Vasculitis. <i>Arthritis and Rheumatology</i> , <b>2018</b> , 70, 439-449	9.5	143
165	VDAC oligomers form mitochondrial pores to release mtDNA fragments and promote lupus-like disease. <i>Science</i> , <b>2019</b> , 366, 1531-1536	33.3	142
164	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
163	Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis. <i>Science Immunology</i> , <b>2017</b> , 2,	28	134
162	Neutrophil extracellular trap-derived enzymes oxidize high-density lipoprotein: an additional proatherogenic mechanism in systemic lupus erythematosus. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 2532-2544	9.5	134
161	Lupus neutrophils: NET gain in understanding lupus pathogenesis. <i>Current Opinion in Rheumatology</i> , <b>2012</b> , 24, 441-50	5.3	132
160	Tofacitinib Ameliorates Murine Lupus and Its Associated Vascular Dysfunction. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 148-160	9.5	131
159	Proteins derived from neutrophil extracellular traps may serve as self-antigens and mediate organ damage in autoimmune diseases. <i>Frontiers in Immunology</i> , <b>2012</b> , 3, 380	8.4	122
158	Photoacoustic imaging of early inflammatory response using gold nanorods. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 223901	3.4	122
157	Role of neutrophils in systemic autoimmune diseases. <i>Arthritis Research and Therapy</i> , <b>2013</b> , 15, 219	5.7	116
156	At the Bench: Neutrophil extracellular traps (NETs) highlight novel aspects of innate immune system involvement in autoimmune diseases. <i>Journal of Leukocyte Biology</i> , <b>2016</b> , 99, 253-64	6.5	114
155	Severity of Psoriasis Associates With Aortic Vascular Inflammation Detected by FDG PET/CT and Neutrophil Activation in a Prospective Observational Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 2667-76	9.4	114

154	Epigenome profiling reveals significant DNA demethylation of interferon signature genes in lupus neutrophils. <i>Journal of Autoimmunity</i> , <b>2015</b> , 58, 59-66	15.5	112
153	TRAIL (Apo2 ligand) and TWEAK (Apo3 ligand) mediate CD4+ T cell killing of antigen-presenting macrophages. <i>Journal of Immunology</i> , <b>2000</b> , 164, 2897-904	5.3	111
152	Aberrant phenotype and function of myeloid dendritic cells in systemic lupus erythematosus. <i>Journal of Immunology</i> , <b>2006</b> , 177, 5878-89	5.3	110
151	Potential benefits of green tea polyphenol EGCG in the prevention and treatment of vascular inflammation in rheumatoid arthritis. <i>Life Sciences</i> , <b>2013</b> , 93, 307-12	6.8	106
150	Type I interferons modulate vascular function, repair, thrombosis, and plaque progression in murine models of lupus and atherosclerosis. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 2975-85		102
149	Accelerated macrophage apoptosis induces autoantibody formation and organ damage in systemic lupus erythematosus. <i>Journal of Immunology</i> , <b>2006</b> , 176, 2095-104	5.3	101
148	Type I interferons are associated with subclinical markers of cardiovascular disease in a cohort of systemic lupus erythematosus patients. <i>PLoS ONE</i> , <b>2012</b> , 7, e37000	3.7	99
147	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
146	The detrimental effects of IFN- $\gamma$ on vasculogenesis in lupus are mediated by repression of IL-1 pathways: potential role in atherogenesis and renal vascular rarefaction. <i>Journal of Immunology</i> , <b>2010</b> , 185, 4457-69	5.3	98
145	Cell death in the pathogenesis of systemic lupus erythematosus and lupus nephritis. <i>Clinical Immunology</i> , <b>2017</b> , 185, 59-73	9	96
144	Mechanisms of premature atherosclerosis in rheumatoid arthritis and lupus. <i>Annual Review of Medicine</i> , <b>2013</b> , 64, 249-63	17.4	93
143	Cardiovascular disease in rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , <b>2006</b> , 18, 289-97	5.3	93
142	The role of neutrophils in the pathogenesis of systemic lupus erythematosus. <i>Current Opinion in Rheumatology</i> , <b>2015</b> , 27, 448-53	5.3	90
141	Neutrophil-Related Gene Expression and Low-Density Granulocytes Associated With Disease Activity and Response to Treatment in Antineutrophil Cytoplasmic Antibody-Associated Vasculitis. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 1922-32	9.5	86
140	Neutrophil subsets and their gene signature associate with vascular inflammation and coronary atherosclerosis in lupus. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	84
139	Cardiovascular disease in systemic lupus erythematosus: an update. <i>Current Opinion in Rheumatology</i> , <b>2018</b> , 30, 441-448	5.3	82
138	Neutrophils in Rheumatoid Arthritis: Breaking Immune Tolerance and Fueling Disease. <i>Trends in Molecular Medicine</i> , <b>2019</b> , 25, 215-227	11.5	81
137	Cardiovascular complications of rheumatoid arthritis: assessment, prevention, and treatment. <i>Rheumatic Disease Clinics of North America</i> , <b>2010</b> , 36, 405-26	2.4	74

136	Transcriptomic, epigenetic, and functional analyses implicate neutrophil diversity in the pathogenesis of systemic lupus erythematosus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 25222-25228	11.5	73
135	Apoptosis in systemic lupus erythematosus. <i>Clinical Immunology</i> , <b>2004</b> , 112, 210-8	9	69
134	CD11b activation suppresses TLR-dependent inflammation and autoimmunity in systemic lupus erythematosus. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 1271-1283	15.9	68
133	A novel image-based quantitative method for the characterization of NETosis. <i>Journal of Immunological Methods</i> , <b>2015</b> , 423, 104-10	2.5	67
132	Stimulatory and inhibitory killer Ig-like receptor molecules are expressed and functional on lupus T cells. <i>Journal of Immunology</i> , <b>2009</b> , 183, 3481-7	5.3	66
131	Cardiovascular disease in lupus: insights and updates. <i>Current Opinion in Rheumatology</i> , <b>2013</b> , 25, 597-605	5.3	63
130	Anti-Citrullinated Protein Antibodies Are Associated With Neutrophil Extracellular Traps in the Sputum in Relatives of Rheumatoid Arthritis Patients. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 1165-1175	9.5	62
129	Neutrophil-mediated IFN activation in the bone marrow alters B cell development in human and murine systemic lupus erythematosus. <i>Journal of Immunology</i> , <b>2014</b> , 192, 906-18	5.3	62
128	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
127	Patients with COVID-19: in the dark-NETs of neutrophils. <i>Cell Death and Differentiation</i> , <b>2021</b> , 28, 3125-3139	12.9	61
126	Placental histology and neutrophil extracellular traps in lupus and pre-eclampsia pregnancies. <i>Lupus Science and Medicine</i> , <b>2016</b> , 3, e000134	4.6	60
125	Low-density granulocytes activate T cells and demonstrate a non-suppressive role in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , <b>2019</b> , 78, 957-966	2.4	57
124	Hemodynamic, autonomic, and vascular effects of exposure to coarse particulate matter air pollution from a rural location. <i>Environmental Health Perspectives</i> , <b>2014</b> , 122, 624-30	8.4	57
123	Design, synthesis, and biological evaluation of tetrazole analogs of Cl-amidine as protein arginine deiminase inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 1337-44	8.3	55
122	Deficiency of adenosine deaminase 2 triggers adenosine-mediated NETosis and TNF production in patients with DADA2. <i>Blood</i> , <b>2019</b> , 134, 395-406	2.2	53
121	Inhibition of Neutrophil Extracellular Trap Formation after Stem Cell Transplant by Prostaglandin E2. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 193, 186-97	10.2	51
120	Sera from patients with type 2 diabetes and neuropathy induce autophagy and colocalization with mitochondria in SY5Y cells. <i>Autophagy</i> , <b>2005</b> , 1, 163-70	10.2	51
119	Neutrophil extracellular traps, B cells, and type I interferons contribute to immune dysregulation in hidradenitis suppurativa. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	50

118	Memory Stem T Cells in Autoimmune Disease: High Frequency of Circulating CD8+ Memory Stem Cells in Acquired Aplastic Anemia. <i>Journal of Immunology</i> , <b>2016</b> , 196, 1568-78	5.3	49
117	Myeloid-Specific Deletion of Peptidylarginine Deiminase 4 Mitigates Atherosclerosis. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1680	8.4	48
116	High density lipoprotein is targeted for oxidation by myeloperoxidase in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 1725-31	2.4	46
115	Lupus-prone New Zealand Black/New Zealand White F1 mice display endothelial dysfunction and abnormal phenotype and function of endothelial progenitor cells. <i>Lupus</i> , <b>2010</b> , 19, 288-99	2.6	46
114	Interleukin 17 as a novel predictor of vascular function in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, 1550-5	2.4	46
113	Management of cardiovascular disease risk in chronic inflammatory disorders. <i>Nature Reviews Rheumatology</i> , <b>2009</b> , 5, 208-17	8.1	46
112	Dysregulated neutrophil responses and neutrophil extracellular trap formation and degradation in PAPA syndrome. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 1825-1833	2.4	45
111	Unraveling Vascular Inflammation: From Immunology to Imaging. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1403-1412	15.1	45
110	Interferon lambda promotes immune dysregulation and tissue inflammation in TLR7-induced lupus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 5409-5419	11.5	44
109	Metabolic abnormalities and oxidative stress in lupus. <i>Current Opinion in Rheumatology</i> , <b>2017</b> , 29, 442-449	5.3	44
108	Update on cardiovascular disease in lupus. <i>Current Opinion in Rheumatology</i> , <b>2016</b> , 28, 468-76	5.3	44
107	A High-Throughput Real-Time Imaging Technique To Quantify NETosis and Distinguish Mechanisms of Cell Death in Human Neutrophils. <i>Journal of Immunology</i> , <b>2018</b> , 200, 869-879	5.3	44
106	The liver is a common non-exocrine target in primary Sjögren's syndrome: a retrospective review. <i>BMC Gastroenterology</i> , <b>2002</b> , 2, 21	3	43
105	Peptidylarginine deiminases 2 and 4 modulate innate and adaptive immune responses in TLR-7-dependent lupus. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	43
104	Interferon- $\lambda$ and angiogenic dysregulation in pregnant lupus patients who develop preeclampsia. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 977-87	9.5	42
103	Effects of cilostazol in patients with Raynaud's syndrome. <i>American Journal of Cardiology</i> , <b>2003</b> , 92, 1310-5	5.5	42
102	Impaired translational response and increased protein kinase PKR expression in T cells from lupus patients. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 106, 1561-8	15.9	41
101	The peroxisome proliferator activated receptor- $\gamma$ agonist rosiglitazone improves vascular function and decreases disease activity in patients with rheumatoid arthritis. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e000441	6	40

100	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
99	Neutrophil extracellular traps mediate articular cartilage damage and enhance cartilage component immunogenicity in rheumatoid arthritis. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	40
98	The peroxisome proliferator-activated receptor gamma agonist pioglitazone improves cardiometabolic risk and renal inflammation in murine lupus. <i>Journal of Immunology</i> , <b>2009</b> , 183, 2729-40	5.3	39
97	Neutrophil Subsets, Platelets, and Vascular Disease in Psoriasis. <i>JACC Basic To Translational Science</i> , <b>2019</b> , 4, 1-14	8.7	36
96	Immunity to commensal skin fungi promotes psoriasiform skin inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 16465-16474	11.5	36
95	Antibody Responses to Citrullinated and Noncitrullinated Antigens in the Sputum of Subjects With Rheumatoid Arthritis and Subjects at Risk for Development of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2018</b> , 70, 516-527	9.5	36
94	Multicenter Systems Analysis of Human Blood Reveals Immature Neutrophils in Males and During Pregnancy. <i>Journal of Immunology</i> , <b>2017</b> , 198, 2479-2488	5.3	35
93	New evidence for vascular disease in patients with early rheumatoid arthritis. <i>Lancet, The</i> , <b>2003</b> , 361, 1068-9	4.0	35
92	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. <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, 602-611	2.4	34
91	Systemic toxicity following administration of sirolimus (formerly rapamycin) for psoriasis: association of capillary leak syndrome with apoptosis of lesional lymphocytes. <i>Archives of Dermatology</i> , <b>1999</b> , 135, 553-7		34
90	Pathogenic immunity in systemic lupus erythematosus and atherosclerosis: common mechanisms and possible targets for intervention. <i>Journal of Internal Medicine</i> , <b>2015</b> , 278, 494-506	10.8	32
89	Citrullinated Aggrecan Epitopes as Targets of Autoreactive CD4+ T Cells in Patients With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2019</b> , 71, 518-528	9.5	32
88	Differential ACPA Binding to Nuclear Antigens Reveals a PAD-Independent Pathway and a Distinct Subset of Acetylation Cross-Reactive Autoantibodies in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 3033	8.4	31
87	Hepatocytes and neutrophils cooperatively suppress bacterial infection by differentially regulating lipocalin-2 and neutrophil extracellular traps. <i>Hepatology</i> , <b>2018</b> , 68, 1604-1620	11.2	31
86	Differential ubiquitination in NETs regulates macrophage responses in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 944-950	2.4	30
85	Haploinsufficiency of NADPH Oxidase Subunit Neutrophil Cytosolic Factor 2 Is Sufficient to Accelerate Full-Blown Lupus in NZM 2328 Mice. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 1647-1660	9.5	29
84	Dendritic cells and the immunopathogenesis of systemic lupus erythematosus. <i>Immunologic Research</i> , <b>2007</b> , 37, 135-45	4.3	29
83	Safety and Tolerability of Omalizumab: A Randomized Clinical Trial of Humanized Anti-IgE Monoclonal Antibody in Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , <b>2019</b> , 71, 1135-1140	9.5	29

82	The peroxisome-proliferator activated receptor- $\alpha$ agonist pioglitazone modulates aberrant T cell responses in systemic lupus erythematosus. <i>Clinical Immunology</i> , <b>2013</b> , 149, 119-32	9	28
81	High-Density Lipoprotein in Lupus: Disease Biomarkers and Potential Therapeutic Strategy. <i>Arthritis and Rheumatology</i> , <b>2020</b> , 72, 20-30	9.5	28
80	Macrophage metabolic reprogramming presents a therapeutic target in lupus nephritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 15160-15171	11.5	27
79	Sex differences in neutrophil biology modulate response to type I interferons and immunometabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 16481-16491	11.5	27
78	Endothelial progenitor cell phenotype and function are impaired in childhood-onset systemic lupus erythematosus. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 2257-62	9.5	27
77	Vitamin D deficiency, interleukin 17, and vascular function in rheumatoid arthritis. <i>Journal of Rheumatology</i> , <b>2013</b> , 40, 1529-34	4.1	27
76	Targeting mitochondrial oxidative stress with MitoQ reduces NET formation and kidney disease in lupus-prone MRL- mice. <i>Lupus Science and Medicine</i> , <b>2020</b> , 7,	4.6	27
75	Improved Mitochondrial Metabolism and Reduced Inflammation Following Attenuation of Murine Lupus With Coenzyme Q10 Analog Idebenone. <i>Arthritis and Rheumatology</i> , <b>2020</b> , 72, 454-464	9.5	25
74	Premature vascular damage in systemic lupus erythematosus. <i>Autoimmunity</i> , <b>2009</b> , 42, 580-6	3	24
73	Somatic Mutations in UBA1 Define a Distinct Subset of Relapsing Polychondritis Patients With VEXAS. <i>Arthritis and Rheumatology</i> , <b>2021</b> , 73, 1886-1895	9.5	24
72	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. <i>Inhalation Toxicology</i> , <b>2013</b> , 25, 587-92	2.7	23
71	Neutrophil dysregulation is pathogenic in idiopathic inflammatory myopathies. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	23
70	Brief Report: Drugs Implicated in Systemic Autoimmunity Modulate Neutrophil Extracellular Trap Formation. <i>Arthritis and Rheumatology</i> , <b>2018</b> , 70, 468-474	9.5	23
69	Brief Report: Deficiency of Complement 1r Subcomponent in Early-Onset Systemic Lupus Erythematosus: The Role of Disease-Modifying Alleles in a Monogenic Disease. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 1832-1839	9.5	22
68	Real-time deformability cytometry reveals sequential contraction and expansion during neutrophil priming. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 105, 1143-1153	6.5	21
67	Genomic alterations in abnormal neutrophils isolated from adult patients with systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , <b>2014</b> , 16, R165	5.7	21
66	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. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 2929-2935	9.5	20
65	Accelerated model of lupus autoimmunity and vasculopathy driven by toll-like receptor 7/9 imbalance. <i>Lupus Science and Medicine</i> , <b>2018</b> , 5, e000259	4.6	20



64	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
63	Review: Neutrophils as Invigorated Targets in Rheumatic Diseases. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 2071-82	9.5	20
62	Detection of SLE antigens in neutrophil extracellular traps (NETs). <i>Methods in Molecular Biology</i> , <b>2014</b> , 1134, 151-61	1.4	19
61	Plasminogen activator inhibitor-1 is associated with impaired endothelial function in women with systemic lupus erythematosus. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1051, 271-80	6.5	19
60	Phase 1 double-blind randomized safety trial of the Janus kinase inhibitor tofacitinib in systemic lupus erythematosus. <i>Nature Communications</i> , <b>2021</b> , 12, 3391	17.4	19
59	Disentangling the role of neutrophil extracellular traps in rheumatic diseases. <i>Current Opinion in Rheumatology</i> , <b>2017</b> , 29, 65-70	5.3	18
58	Women in academic rheumatology. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 697-706		18
57	Deadliest catch: neutrophil extracellular traps in autoimmunity. <i>Current Opinion in Rheumatology</i> , <b>2020</b> , 32, 64-70	5.3	18
56	Genome-wide DNA methylation analysis in primary antiphospholipid syndrome neutrophils. <i>Clinical Immunology</i> , <b>2018</b> , 196, 110-116	9	17
55	Neutrophil-mediated carbamylation promotes articular damage in rheumatoid arthritis. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	16
54	Proteomic, biomechanical and functional analyses define neutrophil heterogeneity in systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> , 80, 209-218	2.4	16
53	Bite of the wolf: innate immune responses propagate autoimmunity in lupus. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	16
52	Revealing the cellular degradome by mass spectrometry analysis of proteasome-cleaved peptides. <i>Nature Biotechnology</i> , <b>2018</b> ,	44.5	16
51	Cardiometabolic risk in psoriasis: differential effects of biologic agents. <i>Vascular Health and Risk Management</i> , <b>2008</b> , 4, 1229-35	4.4	15
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