Mariana J Kaplan

List of Publications by Year in Descending Order

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	Multicenter analysis of neutrophil extracellular trap dysregulation in adult and pediatric COVID-19. **2022**,		1
188	Cardiovascular disease risk and pathogenesis in systemic lupus erythematosus.. *Seminars in Immunopathology*, **2022**, 1	12	1
187	Mitochondrial dysfunction in the erythroid compartment. *Nature Immunology*, **2021**, 22, 1354-1355	19.1	
186	Interferon lambda in inflammation and autoimmune rheumatic diseases. *Nature Reviews Rheumatology*, **2021**, 17, 349-362	8.1	9
185	Cholesterol-Induced M4-Like Macrophages Recruit Neutrophils and Induce NETosis. *Frontiers in Immunology*, **2021**, 12, 671073	8.4	2
184	Patients with COVID-19: in the dark-NETs of neutrophils. *Cell Death and Differentiation*, **2021**, 28, 3125-3139	12.7	61
183	RNA Externalized by Neutrophil Extracellular Traps Promotes Inflammatory Pathways in Endothelial Cells. *Arthritis and Rheumatology*, **2021**, 73, 2282-2292	9.5	2
182	Neutrophil Dysregulation in the Pathogenesis of Systemic Lupus Erythematosus. *Rheumatic Disease Clinics of North America*, **2021**, 47, 317-333	2.4	3
181	Phase 1 double-blind randomized safety trial of the Janus kinase inhibitor tofacitinib in systemic lupus erythematosus. *Nature Communications*, **2021**, 12, 3391	17.4	19
180	Neutrophils as Drivers of Immune Dysregulation in Autoimmune Diseases with Skin Manifestations. *Journal of Investigative Dermatology*, **2021**,	4.3	3
179	Neutrophils in the Pathogenesis of Rheumatic Diseases: Fueling the Fire. *Clinical Reviews in Allergy and Immunology*, **2021**, 60, 1-16	12.3	7
178	Proteomic, biomechanical and functional analyses define neutrophil heterogeneity in systemic lupus erythematosus. *Annals of the Rheumatic Diseases*, **2021**, 80, 209-218	2.4	16
177	Modulation of Cardiometabolic Disease Markers by Type I Interferon Inhibition in Systemic Lupus Erythematosus. *Arthritis and Rheumatology*, **2021**, 73, 459-471	9.5	13
176	Correspondence on ‘Clinical course of coronavirus disease 2019 (COVID-19) in a series of 17 patients with systemic lupus erythematosus under long-term treatment with hydroxychloroquine’ *Annals of the Rheumatic Diseases*, **2021**,	2.4	0
175	Bite of the wolf: innate immune responses propagate autoimmunity in lupus. *Journal of Clinical Investigation*, **2021**, 131,	15.9	16
174	Linking clotting and autoimmunity. *Science*, **2021**, 371, 1100-1101	33.3	0
173	Association of Sputum Neutrophil Extracellular Trap Subsets With IgA Anti-Citrullinated Protein Antibodies in Subjects at Risk for Rheumatoid Arthritis. *Arthritis and Rheumatology*, **2021**, 74, 38	9.5	6

172	Somatic Mutations in UBA1 Define a Distinct Subset of Relapsing Polychondritis Patients With VEXAS. *Arthritis and Rheumatology*, **2021**, 73, 1886-1895	9.5	24
171	Anti-Carbamylated LL37 Antibodies Promote Pathogenic Bone Resorption in Rheumatoid Arthritis. *Frontiers in Immunology*, **2021**, 12, 715997	8.4	0
170	Autoantibodies Present in Hidradenitis Suppurativa Correlate with Disease Severity and Promote the Release of Proinflammatory Cytokines in Macrophages. *Journal of Investigative Dermatology*, **2021**,	4.3	3
169	Polymorphonuclear cells **2021**, 99-108		
168	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	11.5	27
167	Using the circulating proteome to assess type I interferon activity in systemic lupus erythematosus. *Scientific Reports*, **2020**, 10, 4462	4.9	7
166	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	11.5	36
165	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	11.5	27
164	Use of Magnetic Resonance Imaging to Identify Immune Checkpoint Inhibitor-Induced Inflammatory Arthritis. *JAMA Network Open*, **2020**, 3, e200032	10.4	11
163	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	11.5	44
162	Of larks and owls. *Nature Immunology*, **2020**, 21, 104-105	19.1	1
161	Technical comment on "Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis". *Science Immunology*, **2020**, 5,	28	5
160	Targeting mitochondrial oxidative stress with MitoQ reduces NET formation and kidney disease in lupus-prone MRL- mice. *Lupus Science and Medicine*, **2020**, 7,	4.6	27
159	Neutrophil dysregulation is pathogenic in idiopathic inflammatory myopathies. *JCI Insight*, **2020**, 5,	9.9	23
158	Neutrophil extracellular traps mediate articular cartilage damage and enhance cartilage component immunogenicity in rheumatoid arthritis. *JCI Insight*, **2020**, 5,	9.9	40
157	Association between anti-interferon-alpha autoantibodies and COVID-19 in systemic lupus erythematosus **2020**,		10
156	The mechanics of myeloid cells. *Biology of the Cell*, **2020**, 112, 103-112	3.5	5
155	Association Between Soluble Lectinlike Oxidized Low-Density Lipoprotein Receptor-1 and Coronary Artery Disease in Psoriasis. *JAMA Dermatology*, **2020**, 156, 151-157	5.1	9

154	NETs spread ever wider in rheumatic diseases. *Nature Reviews Rheumatology*, **2020**, 16, 73-74	8.1	15
153	Deadliest catch: neutrophil extracellular traps in autoimmunity. *Current Opinion in Rheumatology*, **2020**, 32, 64-70	5.3	18
152	Oxidative DNA Damage Accelerates Skin Inflammation in Pristane-Induced Lupus Model. *Frontiers in Immunology*, **2020**, 11, 554725	8.4	10
151	Immunometabolism in the pathogenesis of systemic lupus erythematosus: an update. *Current Opinion in Rheumatology*, **2020**, 32, 562-571	5.3	7
150	Effects of Gasdermin D in Modulating Murine Lupus and its Associated Organ Damage. *Arthritis and Rheumatology*, **2020**, 72, 2118-2129	9.5	7
149	Somatic Mutations in and Severe Adult-Onset Autoinflammatory Disease. *New England Journal of Medicine*, **2020**, 383, 2628-2638	59.2	160
148	Neutrophil-mediated carbamylation promotes articular damage in rheumatoid arthritis. *Science Advances*, **2020**, 6,	14.3	16
147	Response to: Neutrophil extracellular traps and low-density granulocytes are associated with the interferon signature in systemic lupus erythematosus, but not in antiphospholipid syndrome by van den Hoogen. *Annals of the Rheumatic Diseases*, **2020**, 79, e136	2.4	
146	Improved Mitochondrial Metabolism and Reduced Inflammation Following Attenuation of Murine Lupus With Coenzyme Q10 Analog Idebenone. *Arthritis and Rheumatology*, **2020**, 72, 454-464	9.5	25
145	High-Density Lipoprotein in Lupus: Disease Biomarkers and Potential Therapeutic Strategy. *Arthritis and Rheumatology*, **2020**, 72, 20-30	9.5	28
144	Neutrophil extracellular traps, B cells, and type I interferons contribute to immune dysregulation in hidradenitis suppurativa. *Science Translational Medicine*, **2019**, 11,	17.5	50
143	NETched in Stone. *Immunity*, **2019**, 51, 413-414	32.3	2
142	Neutrophils in Rheumatoid Arthritis: Breaking Immune Tolerance and Fueling Disease. *Trends in Molecular Medicine*, **2019**, 25, 215-227	11.5	81
141	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	15.5	11
140	Deficiency of adenosine deaminase 2 triggers adenosine-mediated NETosis and TNF production in patients with DADA2. *Blood*, **2019**, 134, 395-406	2.2	53
139	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	2.4	57
138	Real-time deformability cytometry reveals sequential contraction and expansion during neutrophil priming. *Journal of Leukocyte Biology*, **2019**, 105, 1143-1153	6.5	21
137	Neutrophil Subsets, Platelets, and Vascular Disease in Psoriasis. *JACC Basic To Translational Science*, **2019**, 4, 1-14	8.7	36

136	Association of lipoprotein subfractions and glycoprotein acetylation with coronary plaque burden in SLE. *Lupus Science and Medicine*, **2019**, 6, e000332	4.6	11
135	VDAC oligomers form mitochondrial pores to release mtDNA fragments and promote lupus-like disease. *Science*, **2019**, 366, 1531-1536	33.3	142
134	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	11.5	73
133	Safety and Tolerability of Omalizumab: A Randomized Clinical Trial of Humanized Anti-IgE Monoclonal Antibody in Systemic Lupus Erythematosus. *Arthritis and Rheumatology*, **2019**, 71, 1135-1140	9.5	29
132	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	12.7	185
131	Citrullinated Aggrecan Epitopes as Targets of Autoreactive CD4+ T Cells in Patients With Rheumatoid Arthritis. *Arthritis and Rheumatology*, **2019**, 71, 518-528	9.5	32
130	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*, **2018**, 9, 3033	8.4	31
129	Hepatocytes and neutrophils cooperatively suppress bacterial infection by differentially regulating lipocalin-2 and neutrophil extracellular traps. *Hepatology*, **2018**, 68, 1604-1620	11.2	31
128	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	9.5	36
127	Response to comment on "Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis". *Science Immunology*, **2018**, 3,	28	5
126	Differential ubiquitination in NETs regulates macrophage responses in systemic lupus erythematosus. *Annals of the Rheumatic Diseases*, **2018**, 77, 944-950	2.4	30
125	Myeloid-Specific Deletion of Peptidylarginine Deiminase 4 Mitigates Atherosclerosis. *Frontiers in Immunology*, **2018**, 9, 1680	8.4	48
124	Dysregulated neutrophil responses and neutrophil extracellular trap formation and degradation in PAPA syndrome. *Annals of the Rheumatic Diseases*, **2018**, 77, 1825-1833	2.4	45
123	Cardiovascular disease in systemic lupus erythematosus: an update. *Current Opinion in Rheumatology*, **2018**, 30, 441-448	5.3	82
122	Accelerated model of lupus autoimmunity and vasculopathy driven by toll-like receptor 7/9 imbalance. *Lupus Science and Medicine*, **2018**, 5, e000259	4.6	20
121	Peptidylarginine deiminases 2 and 4 modulate innate and adaptive immune responses in TLR-7-dependent lupus. *JCI Insight*, **2018**, 3,	9.9	43
120	Neutrophil subsets and their gene signature associate with vascular inflammation and coronary atherosclerosis in lupus. *JCI Insight*, **2018**, 3,	9.9	84
119	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	5.3	44

118	F-Fluorodeoxyglucose-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	9.5	143
117	Brief Report: Drugs Implicated in Systemic Autoimmunity Modulate Neutrophil Extracellular Trap Formation. *Arthritis and Rheumatology*, **2018**, 70, 468-474	9.5	23
116	Genome-wide DNA methylation analysis in primary antiphospholipid syndrome neutrophils. *Clinical Immunology*, **2018**, 196, 110-116	9	17
115	Revealing the cellular degradome by mass spectrometry analysis of proteasome-cleaved peptides. *Nature Biotechnology*, **2018**,	44.5	16
114	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	2.4	34
113	Anti-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	9.5	62
112	Multicenter Systems Analysis of Human Blood Reveals Immature Neutrophils in Males and During Pregnancy. *Journal of Immunology*, **2017**, 198, 2479-2488	5.3	35
111	Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis. *Science Immunology*, **2017**, 2,	28	134
110	Haploinsufficiency of NADPH Oxidase Subunit Neutrophil Cytosolic Factor 2 Is Sufficient to Accelerate Full-Blown Lupus in NZM 2328 Mice. *Arthritis and Rheumatology*, **2017**, 69, 1647-1660	9.5	29
109	Brief Report: Deficiency of Complement 1r Subcomponent in Early-Onset Systemic Lupus Erythematosus: The Role of Disease-Modifying Alleles in a Monogenic Disease. *Arthritis and Rheumatology*, **2017**, 69, 1832-1839	9.5	22
108	Brief Report: A Novel ELANE Mutation Associated With Inflammatory Arthritis, Defective NETosis, and Recurrent Parvovirus Infection. *Arthritis and Rheumatology*, **2017**, 69, 2396-2401	9.5	11
107	Unraveling Vascular Inflammation: From Immunology to Imaging. *Journal of the American College of Cardiology*, **2017**, 70, 1403-1412	15.1	45
106	Metabolic abnormalities and oxidative stress in lupus. *Current Opinion in Rheumatology*, **2017**, 29, 442-449	5.3	44
105	Disentangling the role of neutrophil extracellular traps in rheumatic diseases. *Current Opinion in Rheumatology*, **2017**, 29, 65-70	5.3	18
104	Cell death in the pathogenesis of systemic lupus erythematosus and lupus nephritis. *Clinical Immunology*, **2017**, 185, 59-73	9	96
103	Tofacitinib Ameliorates Murine Lupus and Its Associated Vascular Dysfunction. *Arthritis and Rheumatology*, **2017**, 69, 148-160	9.5	131
102	CD11b activation suppresses TLR-dependent inflammation and autoimmunity in systemic lupus erythematosus. *Journal of Clinical Investigation*, **2017**, 127, 1271-1283	15.9	68
101	At the Bench: Neutrophil extracellular traps (NETs) highlight novel aspects of innate immune system involvement in autoimmune diseases. *Journal of Leukocyte Biology*, **2016**, 99, 253-64	6.5	114

100	Inhibition of Neutrophil Extracellular Trap Formation after Stem Cell Transplant by Prostaglandin E2. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 193, 186-97	10.2	51
99	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	9.5	20
98	The role of neutrophils and NETosis in autoimmune and renal diseases. *Nature Reviews Nephrology*, **2016**, 12, 402-13	14.9	226
97	Memory Stem T Cells in Autoimmune Disease: High Frequency of Circulating CD8+ Memory Stem Cells in Acquired Aplastic Anemia. *Journal of Immunology*, **2016**, 196, 1568-78	5.3	49
96	Neutrophil extracellular traps enriched in oxidized mitochondrial DNA are interferogenic and contribute to lupus-like disease. *Nature Medicine*, **2016**, 22, 146-53	50.5	721
95	Update on cardiovascular disease in lupus. *Current Opinion in Rheumatology*, **2016**, 28, 468-76	5.3	44
94	Review: Neutrophils as Invigorated Targets in Rheumatic Diseases. *Arthritis and Rheumatology*, **2016**, 68, 2071-82	9.5	20
93	Placental histology and neutrophil extracellular traps in lupus and pre-eclampsia pregnancies. *Lupus Science and Medicine*, **2016**, 3, e000134	4.6	60
92	Alterations in nuclear structure promote lupus autoimmunity in a mouse model. *DMM Disease Models and Mechanisms*, **2016**, 9, 885-97	4.1	7
91	A highlight from the LUPUS 2014 meeting: eight great ideas. *Lupus Science and Medicine*, **2015**, 2, e000076	4.6	10
90	Interferon-□and angiogenic dysregulation in pregnant lupus patients who develop preeclampsia. *Arthritis and Rheumatology*, **2015**, 67, 977-87	9.5	42
89	Neutrophil-Related Gene Expression and Low-Density Granulocytes Associated With Disease Activity and Response to Treatment in Antineutrophil Cytoplasmic Antibody-Associated Vasculitis. *Arthritis and Rheumatology*, **2015**, 67, 1922-32	9.5	86
88	Defining the nasal transcriptome in granulomatosis with polyangiitis (Wegener). *Arthritis and Rheumatology*, **2015**, 67, 2233-9	9.5	11
87	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, 2667-76	9.4	114
86	Neutrophil extracellular traps induce endothelial dysfunction in systemic lupus erythematosus through the activation of matrix metalloproteinase-2. *Annals of the Rheumatic Diseases*, **2015**, 74, 1417-24	2.4	251
85	Peptidylarginine deiminase inhibition disrupts NET formation and protects against kidney, skin and vascular disease in lupus-prone MRL/lpr mice. *Annals of the Rheumatic Diseases*, **2015**, 74, 2199-206	2.4	244
84	Endothelial progenitor cell phenotype and function are impaired in childhood-onset systemic lupus erythematosus. *Arthritis and Rheumatology*, **2015**, 67, 2257-62	9.5	27
83	The role of neutrophils in the pathogenesis of systemic lupus erythematosus. *Current Opinion in Rheumatology*, **2015**, 27, 448-53	5.3	90

82	A novel image-based quantitative method for the characterization of NETosis. *Journal of Immunological Methods*, **2015**, 423, 104-10	2.5	67
81	Pathogenic immunity in systemic lupus erythematosus and atherosclerosis: common mechanisms and possible targets for intervention. *Journal of Internal Medicine*, **2015**, 278, 494-506	10.8	32
80	The development of depressive symptoms during medical internship stress predicts worsening vascular function. *Journal of Psychosomatic Research*, **2015**, 79, 243-5	4.1	10
79	Interleukin 10 hampers endothelial cell differentiation and enhances the effects of interferon on lupus endothelial cell progenitors. *Rheumatology*, **2015**, 54, 1114-23	3.9	20
78	Epigenome profiling reveals significant DNA demethylation of interferon signature genes in lupus neutrophils. *Journal of Autoimmunity*, **2015**, 58, 59-66	15.5	112
77	Design, synthesis, and biological evaluation of tetrazole analogs of Cl-amidine as protein arginine deiminase inhibitors. *Journal of Medicinal Chemistry*, **2015**, 58, 1337-44	8.3	55
76	High Frequency of Circulating CD8+ Memory Stem T Cells in Acquired Aplastic Anemia. *Blood*, **2015**, 126, 3613-3613	2.2	
75	Detection of SLE antigens in neutrophil extracellular traps (NETs). *Methods in Molecular Biology*, **2014**, 1134, 151-61	1.4	19
74	Peptidylarginine deiminase inhibition reduces vascular damage and modulates innate immune responses in murine models of atherosclerosis. *Circulation Research*, **2014**, 114, 947-56	15.7	250
73	Neutrophil-mediated IFN activation in the bone marrow alters B cell development in human and murine systemic lupus erythematosus. *Journal of Immunology*, **2014**, 192, 906-18	5.3	62
72	An essential role of caspase 1 in the induction of murine lupus and its associated vascular damage. *Arthritis and Rheumatology*, **2014**, 66, 152-62	9.5	62
71	Neutrophil extracellular trap-derived enzymes oxidize high-density lipoprotein: an additional proatherogenic mechanism in systemic lupus erythematosus. *Arthritis and Rheumatology*, **2014**, 66, 2532-2544	9.5	134
70	Hemodynamic, autonomic, and vascular effects of exposure to coarse particulate matter air pollution from a rural location. *Environmental Health Perspectives*, **2014**, 122, 624-30	8.4	57
69	The inflammasome and lupus: another innate immune mechanism contributing to disease pathogenesis?. *Current Opinion in Rheumatology*, **2014**, 26, 475-81	5.3	98
68	Genomic alterations in abnormal neutrophils isolated from adult patients with systemic lupus erythematosus. *Arthritis Research and Therapy*, **2014**, 16, R165	5.7	21
67	The peroxisome-proliferator activated receptor- agonist pioglitazone modulates aberrant T cell responses in systemic lupus erythematosus. *Clinical Immunology*, **2013**, 149, 119-32	9	28
66	Little peptide, big effects: the role of LL-37 in inflammation and autoimmune disease. *Journal of Immunology*, **2013**, 191, 4895-901	5.3	244
65	Potential benefits of green tea polyphenol EGCG in the prevention and treatment of vascular inflammation in rheumatoid arthritis. *Life Sciences*, **2013**, 93, 307-12	6.8	106

64	Neutrophil extracellular trap-associated protein activation of the NLRP3 inflammasome is enhanced in lupus macrophages. *Journal of Immunology*, **2013**, 190, 1217-26	5.3	283
63	Low-density granulocytes: a distinct class of neutrophils in systemic autoimmunity. *Seminars in Immunopathology*, **2013**, 35, 455-63	12	213
62	Mechanisms of premature atherosclerosis in rheumatoid arthritis and lupus. *Annual Review of Medicine*, **2013**, 64, 249-63	17.4	93
61	High density lipoprotein is targeted for oxidation by myeloperoxidase in rheumatoid arthritis. *Annals of the Rheumatic Diseases*, **2013**, 72, 1725-31	2.4	46
60	Vitamin D deficiency, interleukin 17, and vascular function in rheumatoid arthritis. *Journal of Rheumatology*, **2013**, 40, 1529-34	4.1	27
59	Cardiovascular disease in lupus: insights and updates. *Current Opinion in Rheumatology*, **2013**, 25, 597-605	5.3	63
58	NETs are a source of citrullinated autoantigens and stimulate inflammatory responses in rheumatoid arthritis. *Science Translational Medicine*, **2013**, 5, 178ra40	17.5	726
57	Extracellular chromatin traps interconnect cell biology, microbiology, and immunology. *Frontiers in Immunology*, **2013**, 4, 160	8.4	6
56	Achilles tendinopathy after treatment with ophthalmic moxifloxacin. *Journal of Rheumatology*, **2013**, 40, 104-5	4.1	5
55	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, 587-92	2.7	23
54	The peroxisome proliferator activated receptor-□pioglitazone improves vascular function and decreases disease activity in patients with rheumatoid arthritis. *Journal of the American Heart Association*, **2013**, 2, e000441	6	40
53	Role of neutrophils in systemic autoimmune diseases. *Arthritis Research and Therapy*, **2013**, 15, 219	5.7	116
52	Peptidylarginine deiminase inhibition is immunomodulatory and vasculoprotective in murine lupus. *Journal of Clinical Investigation*, **2013**, 123, 2981-93	15.9	263
51	Proteins derived from neutrophil extracellular traps may serve as self-antigens and mediate organ damage in autoimmune diseases. *Frontiers in Immunology*, **2012**, 3, 380	8.4	122
50	Neutrophil extracellular traps: double-edged swords of innate immunity. *Journal of Immunology*, **2012**, 189, 2689-95	5.3	674
49	Type I interferons modulate vascular function, repair, thrombosis, and plaque progression in murine models of lupus and atherosclerosis. *Arthritis and Rheumatism*, **2012**, 64, 2975-85		102
48	Lupus neutrophils: □NETs□gain in understanding lupus pathogenesis. *Current Opinion in Rheumatology*, **2012**, 24, 441-50	5.3	132
47	Type I interferons are associated with subclinical markers of cardiovascular disease in a cohort of systemic lupus erythematosus patients. *PLoS ONE*, **2012**, 7, e37000	3.7	99

46	Neutrophils in the pathogenesis and manifestations of SLE. *Nature Reviews Rheumatology*, **2011**, 7, 691-9	8.1	203
45	Determinants of vascular function in patients with chronic gout. *Journal of Clinical Hypertension*, **2011**, 13, 178-88	2.3	13
44	Inflammasome activation of IL-18 results in endothelial progenitor cell dysfunction in systemic lupus erythematosus. *Journal of Immunology*, **2011**, 187, 6143-56	5.3	135
43	Netting neutrophils induce endothelial damage, infiltrate tissues, and expose immunostimulatory molecules in systemic lupus erythematosus. *Journal of Immunology*, **2011**, 187, 538-52	5.3	793
42	The interplay of inflammation and cardiovascular disease in systemic lupus erythematosus. *Arthritis Research and Therapy*, **2011**, 13, 203	5.7	40
41	Interleukin 17 as a novel predictor of vascular function in rheumatoid arthritis. *Annals of the Rheumatic Diseases*, **2011**, 70, 1550-5	2.4	46
40	Mast cells and neutrophils release IL-17 through extracellular trap formation in psoriasis. *Journal of Immunology*, **2011**, 187, 490-500	5.3	626
39	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, 288-99	2.6	46
38	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, 1229-36	2.6	14
37	The detrimental effects of IFN-□n vasculogenesis in lupus are mediated by repression of IL-1 pathways: potential role in atherogenesis and renal vascular rarefaction. *Journal of Immunology*, **2010**, 185, 4457-69	5.3	98
36	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, 3284-97	5.3	449
35	Cardiovascular complications of rheumatoid arthritis: assessment, prevention, and treatment. *Rheumatic Disease Clinics of North America*, **2010**, 36, 405-26	2.4	74
34	The peroxisome proliferator-activated receptor gamma agonist pioglitazone improves cardiometabolic risk and renal inflammation in murine lupus. *Journal of Immunology*, **2009**, 183, 2729-40	5.3	39
33	Management of cardiovascular disease risk in chronic inflammatory disorders. *Nature Reviews Rheumatology*, **2009**, 5, 208-17	8.1	46
32	Stimulatory and inhibitory killer Ig-like receptor molecules are expressed and functional on lupus T cells. *Journal of Immunology*, **2009**, 183, 3481-7	5.3	66
31	Premature vascular damage in systemic lupus erythematosus: an imbalance of damage and repair?. *Translational Research*, **2009**, 154, 61-9	11	9
30	Premature vascular damage in systemic lupus erythematosus. *Autoimmunity*, **2009**, 42, 580-6	3	24
29	Endothelial damage and autoimmune diseases. *Autoimmunity*, **2009**, 42, 561-2	3	10

28	Cardiometabolic risk in psoriasis: differential effects of biologic agents. *Vascular Health and Risk Management*, **2008**, 4, 1229-35	4.4	15
27	Dendritic cells and the immunopathogenesis of systemic lupus erythematosus. *Immunologic Research*, **2007**, 37, 135-45	4.3	29
26	Is rheumatoid arthritis a risk factor for cardiovascular disease?. *Nature Clinical Practice Rheumatology*, **2007**, 3, 260-1		6
25	Photoacoustic imaging of early inflammatory response using gold nanorods. *Applied Physics Letters*, **2007**, 90, 223901	3.4	122
24	Interferon-alpha promotes abnormal vasculogenesis in lupus: a potential pathway for premature atherosclerosis. *Blood*, **2007**, 110, 2907-15	2.2	207
23	Accelerated macrophage apoptosis induces autoantibody formation and organ damage in systemic lupus erythematosus. *Journal of Immunology*, **2006**, 176, 2095-104	5.3	101
22	Aberrant phenotype and function of myeloid dendritic cells in systemic lupus erythematosus. *Journal of Immunology*, **2006**, 177, 5878-89	5.3	110
21	Cardiovascular disease in rheumatoid arthritis. *Current Opinion in Rheumatology*, **2006**, 18, 289-97	5.3	93
20	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, 271-80	6.5	19
19	Women in academic rheumatology. *Arthritis and Rheumatism*, **2005**, 52, 697-706		18
18	Do tumor-necrosis-factor inhibitors prevent first cardiovascular events in patients with rheumatoid arthritis?. *Nature Clinical Practice Rheumatology*, **2005**, 1, 74-5		1
17	Sera from patients with type 2 diabetes and neuropathy induce autophagy and colocalization with mitochondria in SY5Y cells. *Autophagy*, **2005**, 1, 163-70	10.2	51
16	FK-778 Astellas. *Current Opinion in Investigational Drugs*, **2005**, 6, 526-36		4
15	Demethylation of promoter regulatory elements contributes to perforin overexpression in CD4+ lupus T cells. *Journal of Immunology*, **2004**, 172, 3652-61	5.3	197
14	Apoptosis in systemic lupus erythematosus. *Clinical Immunology*, **2004**, 112, 210-8	9	69
13	Endothelial cell apoptosis in systemic lupus erythematosus: a common pathway for abnormal vascular function and thrombosis propensity. *Blood*, **2004**, 103, 3677-83	2.2	188
12	Effects of cilostazol in patients with Raynaud's syndrome. *American Journal of Cardiology*, **2003**, 92, 1310-5	3.5	42
11	New evidence for vascular disease in patients with early rheumatoid arthritis. *Lancet, The*, **2003**, 361, 1068-9	40	35

10	Demethylation of ITGAL (CD11a) regulatory sequences in systemic lupus erythematosus. *Arthritis and Rheumatism*, **2002**, 46, 1282-91		250
9	The liver is a common non-exocrine target in primary Sj□ren□ syndrome: a retrospective review. *BMC Gastroenterology*, **2002**, 2, 21	3	43
8	The apoptotic ligands TRAIL, TWEAK, and Fas ligand mediate monocyte death induced by autologous lupus T cells. *Journal of Immunology*, **2002**, 169, 6020-9	5.3	147
7	Decreased Ras-mitogen-activated protein kinase signaling may cause DNA hypomethylation in T lymphocytes from lupus patients. *Arthritis and Rheumatism*, **2001**, 44, 397-407		236
6	Update in internal medicine. *Archives of Medical Research*, **2000**, 31, 329-52	6.6	
5	TRAIL (Apo2 ligand) and TWEAK (Apo3 ligand) mediate CD4+ T cell killing of antigen-presenting macrophages. *Journal of Immunology*, **2000**, 164, 2897-904	5.3	111
4	Impaired translational response and increased protein kinase PKR expression in T cells from lupus patients. *Journal of Clinical Investigation*, **2000**, 106, 1561-8	15.9	41
3	DNA methylation in the regulation of T cell LFA-1 expression. *Immunological Investigations*, **2000**, 29, 411-25	2.9	3
2	Systemic toxicity following administration of sirolimus (formerly rapamycin) for psoriasis: association of capillary leak syndrome with apoptosis of lesional lymphocytes. *Archives of Dermatology*, **1999**, 135, 553-7		34
1	Hazardous Alcohol Consumption Among Mexican Inpatients:A Multicenter Study. *American Journal on Addictions*, **1995**, 4, 170-176	3.7	5