

Srilakshmi Yalavarthi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49 papers	6,036 citations	28 h-index	52 g-index
52 ext. papers	7,612 ext. citations	8.5 avg, IF	5.79 L-index

#	Paper	IF	Citations
49	SARS-CoV-2 Spike Protein S1-Mediated Endothelial Injury and Pro-Inflammatory State Is Amplified by Dihydrotestosterone and Prevented by Mineralocorticoid Antagonism. <i>Viruses</i> , 2021 , 13,	6.2	10
48	Defibrotide inhibits antiphospholipid antibody-mediated NET formation and venous thrombosis. <i>Arthritis and Rheumatology</i> , 2021 ,	9.5	1
47	Autoantibodies stabilize neutrophil extracellular traps in COVID-19 2021 ,		5
46	Autoantibodies stabilize neutrophil extracellular traps in COVID-19. <i>JCI Insight</i> , 2021 , 6,	9.9	18
45	Neutrophil extracellular traps and thrombosis in COVID-19. <i>Journal of Thrombosis and Thrombolysis</i> , 2021 , 51, 446-453	5.1	99
44	Neutrophil calprotectin identifies severe pulmonary disease in COVID-19. <i>Journal of Leukocyte Biology</i> , 2021 , 109, 67-72	6.5	60
43	Endothelial cell-activating antibodies in COVID-19 2021 ,		13
42	Plasma tissue plasminogen activator and plasminogen activator inhibitor-1 in hospitalized COVID-19 patients. <i>Scientific Reports</i> , 2021 , 11, 1580	4.9	81
41	Antineutrophil properties of natural gingerols in models of lupus. <i>JCI Insight</i> , 2021 , 6,	9.9	5
40	Endothelium-protective, histone-neutralizing properties of the polyanionic agent defibrotide 2021 ,		2
39	Endothelium-protective, histone-neutralizing properties of the polyanionic agent defibrotide. <i>JCI Insight</i> , 2021 , 6,	9.9	7
38	Prothrombotic autoantibodies in serum from patients hospitalized with COVID-19. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	277
37	Neutrophil extracellular traps in COVID-19. <i>JCI Insight</i> , 2020 , 5,	9.9	575
36	Neutrophil extracellular traps (NETs) as markers of disease severity in COVID-19 2020 ,		51
35	Neutrophil extracellular traps and thrombosis in COVID-19 2020 ,		41
34	Prothrombotic antiphospholipid antibodies in COVID-19 2020 ,		25
33	Anti-Neutrophil Extracellular Trap Antibodies and Impaired Neutrophil Extracellular Trap Degradation in Antiphospholipid Syndrome. <i>Arthritis and Rheumatology</i> , 2020 , 72, 2130-2135	9.5	22

32	Increased Adhesive Potential of Antiphospholipid Syndrome Neutrophils Mediated by α Integrin Mac-1. <i>Arthritis and Rheumatology</i> , 2020 , 72, 114-124	9.5	27
31	Antimicrobial Microwebs of DNA-Histone Inspired from Neutrophil Extracellular Traps. <i>Advanced Materials</i> , 2019 , 31, e1807436	24	17
30	Adenosine receptor agonism protects against NETosis and thrombosis in antiphospholipid syndrome. <i>Nature Communications</i> , 2019 , 10, 1916	17.4	92
29	Extracellular Trap-Mimicking DNA-Histone Mesostructures Synergistically Activate Dendritic Cells. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900926	10.1	6
28	3005 Integrin Mac-1 Potentiates Neutrophil Adhesion and NET Release in Antiphospholipid Syndrome. <i>Journal of Clinical and Translational Science</i> , 2019 , 3, 14-14	0.4	78
27	Disruption of Neutrophil Extracellular Traps (NETs) Links Mechanical Strain to Post-traumatic Inflammation. <i>Frontiers in Immunology</i> , 2019 , 10, 2148	8.4	10
26	Ectonucleotidase tri(di)phosphohydrolase-1 (ENTPD-1) disrupts inflammasome/interleukin 1 β -driven venous thrombosis. <i>Journal of Clinical Investigation</i> , 2019 , 129, 2872-2877	15.9	52
25	Ectonucleotidase-Mediated Suppression of Lupus Autoimmunity and Vascular Dysfunction. <i>Frontiers in Immunology</i> , 2018 , 9, 1322	8.4	13
24	Genome-wide DNA methylation analysis in primary antiphospholipid syndrome neutrophils. <i>Clinical Immunology</i> , 2018 , 196, 110-116	9	17
23	DEK-targeting DNA aptamers as therapeutics for inflammatory arthritis. <i>Nature Communications</i> , 2017 , 8, 14252	17.4	49
22	Endothelial progenitor dysfunction associates with a type I interferon signature in primary antiphospholipid syndrome. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 450-457	2.4	46
21	In Vivo Role of Neutrophil Extracellular Traps in Antiphospholipid Antibody-Mediated Venous Thrombosis. <i>Arthritis and Rheumatology</i> , 2017 , 69, 655-667	9.5	117
20	Activated signature of antiphospholipid syndrome neutrophils reveals potential therapeutic target. <i>JCI Insight</i> , 2017 , 2,	9.9	43
19	Dysfunction of endothelial progenitor cells is associated with the type I IFN pathway in patients with polymyositis and dermatomyositis. <i>Rheumatology</i> , 2016 , 55, 1987-1992	3.9	16
18	Response to: α Monocyte type I interferon signature in antiphospholipid syndrome is related to pro-inflammatory monocyte subsets, hydroxychloroquine and statin use by van den Hoogen et al. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, e82	2.4	1
17	Reply. <i>Arthritis and Rheumatology</i> , 2016 , 68, 1321-2	9.5	2
16	Neutrophil extracellular traps induce endothelial dysfunction in systemic lupus erythematosus through the activation of matrix metalloproteinase-2. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1417-244	2.4	251
15	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> , 2015 , 74, 2199-206	2.4	244

14	Release of neutrophil extracellular traps by neutrophils stimulated with antiphospholipid antibodies: a newly identified mechanism of thrombosis in the antiphospholipid syndrome. <i>Arthritis and Rheumatology</i> , 2015 , 67, 2990-3003	9.5	193
13	Epigenome profiling reveals significant DNA demethylation of interferon signature genes in lupus neutrophils. <i>Journal of Autoimmunity</i> , 2015 , 58, 59-66	15.5	112
12	Peptidylarginine deiminase inhibition reduces vascular damage and modulates innate immune responses in murine models of atherosclerosis. <i>Circulation Research</i> , 2014 , 114, 947-56	15.7	250
11	Neutrophil-mediated IFN activation in the bone marrow alters B cell development in human and murine systemic lupus erythematosus. <i>Journal of Immunology</i> , 2014 , 192, 906-18	5.3	62
10	An essential role of caspase 1 in the induction of murine lupus and its associated vascular damage. <i>Arthritis and Rheumatology</i> , 2014 , 66, 152-62	9.5	62
9	Vitamin D deficiency, interleukin 17, and vascular function in rheumatoid arthritis. <i>Journal of Rheumatology</i> , 2013 , 40, 1529-34	4.1	27
8	NETs are a source of citrullinated autoantigens and stimulate inflammatory responses in rheumatoid arthritis. <i>Science Translational Medicine</i> , 2013 , 5, 178ra40	17.5	726
7	The peroxisome proliferator activated receptor- γ /pioglitazone improves vascular function and decreases disease activity in patients with rheumatoid arthritis. <i>Journal of the American Heart Association</i> , 2013 , 2, e000441	6	40
6	Peptidylarginine deiminase inhibition is immunomodulatory and vasculoprotective in murine lupus. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2981-93	15.9	263
5	Determinants of vascular function in patients with chronic gout. <i>Journal of Clinical Hypertension</i> , 2011 , 13, 178-88	2.3	13
4	Netting neutrophils induce endothelial damage, infiltrate tissues, and expose immunostimulatory molecules in systemic lupus erythematosus. <i>Journal of Immunology</i> , 2011 , 187, 538-52	5.3	793
3	Interleukin 17 as a novel predictor of vascular function in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1550-5	2.4	46
2	Mast cells and neutrophils release IL-17 through extracellular trap formation in psoriasis. <i>Journal of Immunology</i> , 2011 , 187, 490-500	5.3	626
1	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> , 2010 , 184, 3284-97	5.3	449