Srilakshmi Yalavarthi

List of Publications by Citations

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	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
48	NETs are a source of citrullinated autoantigens and stimulate inflammatory responses in rheumatoid arthritis. *Science Translational Medicine*, **2013**, 5, 178ra40	17.5	726
47	Mast cells and neutrophils release IL-17 through extracellular trap formation in psoriasis. *Journal of Immunology*, **2011**, 187, 490-500	5.3	626
46	Neutrophil extracellular traps in COVID-19. *JCI Insight*, **2020**, 5,	9.9	575
45	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
44	Prothrombotic autoantibodies in serum from patients hospitalized with COVID-19. *Science Translational Medicine*, **2020**, 12,	17.5	277
43	Peptidylarginine deiminase inhibition is immunomodulatory and vasculoprotective in murine lupus. *Journal of Clinical Investigation*, **2013**, 123, 2981-93	15.9	263
42	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
41	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
40	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
39	Release of neutrophil extracellular traps by neutrophils stimulated with antiphospholipid antibodies: a newly identified mechanism of thrombosis in the antiphospholipid syndrome. *Arthritis and Rheumatology*, **2015**, 67, 2990-3003	9.5	193
38	In Vivo Role of Neutrophil Extracellular Traps in Antiphospholipid Antibody-Mediated Venous Thrombosis. *Arthritis and Rheumatology*, **2017**, 69, 655-667	9.5	117
37	Epigenome profiling reveals significant DNA demethylation of interferon signature genes in lupus neutrophils. *Journal of Autoimmunity*, **2015**, 58, 59-66	15.5	112
36	Neutrophil extracellular traps and thrombosis in COVID-19. *Journal of Thrombosis and Thrombolysis*, **2021**, 51, 446-453	5.1	99
35	Adenosine receptor agonism protects against NETosis and thrombosis in antiphospholipid syndrome. *Nature Communications*, **2019**, 10, 1916	17.4	92
34	Plasma tissue plasminogen activator and plasminogen activator inhibitor-1 in hospitalized COVID-19 patients. *Scientific Reports*, **2021**, 11, 1580	4.9	81
33	3005 Integrin Mac-1 Potentiates Neutrophil Adhesion and NET Release in Antiphospholipid Syndrome. *Journal of Clinical and Translational Science*, **2019**, 3, 14-14	0.4	78

32	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
31	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
30	Neutrophil calprotectin identifies severe pulmonary disease in COVID-19. *Journal of Leukocyte Biology*, **2021**, 109, 67-72	6.5	60
29	Ectonucleotidase tri(di)phosphohydrolase-1 (ENTPD-1) disrupts inflammasome/interleukin 1-driven venous thrombosis. *Journal of Clinical Investigation*, **2019**, 129, 2872-2877	15.9	52
28	Neutrophil extracellular traps (NETs) as markers of disease severity in COVID-19 **2020**,		51
27	DEK-targeting DNA aptamers as therapeutics for inflammatory arthritis. *Nature Communications*, **2017**, 8, 14252	17.4	49
26	Endothelial progenitor dysfunction associates with a type I interferon signature in primary antiphospholipid syndrome. *Annals of the Rheumatic Diseases*, **2017**, 76, 450-457	2.4	46
25	Interleukin 17 as a novel predictor of vascular function in rheumatoid arthritis. *Annals of the Rheumatic Diseases*, **2011**, 70, 1550-5	2.4	46
24	Activated signature of antiphospholipid syndrome neutrophils reveals potential therapeutic target. *JCI Insight*, **2017**, 2,	9.9	43
23	Neutrophil extracellular traps and thrombosis in COVID-19 **2020**,		41
22	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
21	Vitamin D deficiency, interleukin 17, and vascular function in rheumatoid arthritis. *Journal of Rheumatology*, **2013**, 40, 1529-34	4.1	27
20	Increased Adhesive Potential of Antiphospholipid Syndrome Neutrophils Mediated by 2 Integrin Mac-1. *Arthritis and Rheumatology*, **2020**, 72, 114-124	9.5	27
19	Prothrombotic antiphospholipid antibodies in COVID-19 **2020**,		25
18	Anti-Neutrophil Extracellular Trap Antibodies and Impaired Neutrophil Extracellular Trap Degradation in Antiphospholipid Syndrome. *Arthritis and Rheumatology*, **2020**, 72, 2130-2135	9.5	22
17	Autoantibodies stabilize neutrophil extracellular traps in COVID-19. *JCI Insight*, **2021**, 6,	9.9	18
16	Antimicrobial Microwebs of DNA-Histone Inspired from Neutrophil Extracellular Traps. *Advanced Materials*, **2019**, 31, e1807436	24	17
15	Genome-wide DNA methylation analysis in primary antiphospholipid syndrome neutrophils. *Clinical Immunology*, **2018**, 196, 110-116	9	17

14	Dysfunction of endothelial progenitor cells is associated with the type I IFN pathway in patients with polymyositis and dermatomyositis. *Rheumatology*, **2016**, 55, 1987-1992	3.9	16
13	Ectonucleotidase-Mediated Suppression of Lupus Autoimmunity and Vascular Dysfunction. *Frontiers in Immunology*, **2018**, 9, 1322	8.4	13
12	Determinants of vascular function in patients with chronic gout. *Journal of Clinical Hypertension*, **2011**, 13, 178-88	2.3	13
11	Endothelial cell-activating antibodies in COVID-19 **2021**,		13
10	Disruption of Neutrophil Extracellular Traps (NETs) Links Mechanical Strain to Post-traumatic Inflammation. *Frontiers in Immunology*, **2019**, 10, 2148	8.4	10
9	SARS-CoV-2 Spike Protein S1-Mediated Endothelial Injury and Pro-Inflammatory State Is Amplified by Dihydrotestosterone and Prevented by Mineralocorticoid Antagonism. *Viruses*, **2021**, 13,	6.2	10
8	Endothelium-protective, histone-neutralizing properties of the polyanionic agent defibrotide. *JCI Insight*, **2021**, 6,	9.9	7
7	Extracellular Trap-Mimicking DNA-Histone Mesostructures Synergistically Activate Dendritic Cells. *Advanced Healthcare Materials*, **2019**, 8, e1900926	10.1	6
6	Autoantibodies stabilize neutrophil extracellular traps in COVID-19 **2021**,		5
5	Antineutrophil properties of natural gingerols in models of lupus. *JCI Insight*, **2021**, 6,	9.9	5
4	Reply. *Arthritis and Rheumatology*, **2016**, 68, 1321-2	9.5	2
3	Endothelium-protective, histone-neutralizing properties of the polyanionic agent defibrotide **2021**,		2
2	Response to: aMonocyte type I interferon signature in antiphospholipid syndrome is related to pro-inflammatory monocyte subsets, hydroxychloroquine and statin useaby van den Hoogen et al. *Annals of the Rheumatic Diseases*, **2016**, 75, e82	2.4	1
1	Defibrotide inhibits antiphospholipid antibody-mediated NET formation and venous thrombosis. *Arthritis and Rheumatology*, **2021**,	9.5	1