

Scott W Canna

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

6,931
citations

136740

32
h-index

168136

53
g-index

65
all docs

65
docs citations

65
times ranked

8865
citing authors

#	ARTICLE	IF	CITATIONS
1	Excess Serum Interleukin-18 Distinguishes Patients With Pathogenic Mutations in <i>PSTPIP1</i> . <i>Arthritis and Rheumatology</i> , 2022, 74, 353-357.	2.9	19
2	Severe delayed hypersensitivity reactions to IL-1 and IL-6 inhibitors link to common HLA-DRB1*15 alleles. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 406-415.	0.5	49
3	NEMO-NDAS: A Panniculitis in the Young Representing an Autoinflammatory Disorder in Disguise. <i>American Journal of Dermatopathology</i> , 2022, 44, e64-e66.	0.3	3
4	Identification of Distinct Inflammatory Programs and Biomarkers in Systemic Juvenile Idiopathic Arthritis and Related Lung Disease by Serum Proteome Analysis. <i>Arthritis and Rheumatology</i> , 2022, 74, 1271-1283.	2.9	24
5	Sepsis with liver dysfunction and coagulopathy predicts an inflammatory pattern of macrophage activation. <i>Intensive Care Medicine Experimental</i> , 2022, 10, 6.	0.9	11
6	IL-1 receptor antagonist, MIS-C, and the peculiar autoimmunity of SARS-CoV-2. <i>Lancet Rheumatology</i> , 2022, 4, e305-e307.	2.2	2
7	Machine learning derivation of four computable 24-h pediatric sepsis phenotypes to facilitate enrollment in early personalized anti-inflammatory clinical trials. <i>Critical Care</i> , 2022, 26, 128.	2.5	18
8	Comprehensive Serum Proteome Profiling of Cytokine Release Syndrome and Immune Effector Cell-Associated Neurotoxicity Syndrome Patients with B-Cell ALL Receiving CAR T19. <i>Clinical Cancer Research</i> , 2022, 28, 3804-3813.	3.2	17
9	American College of Rheumatology Clinical Guidance for Multisystem Inflammatory Syndrome in Children Associated With SARS-CoV-2 and Hyperinflammation in Pediatric COVID-19: Version 2. <i>Arthritis and Rheumatology</i> , 2021, 73, e13-e29.	2.9	314
10	An immune-based biomarker signature is associated with mortality in COVID-19 patients. <i>JCI Insight</i> , 2021, 6, .	2.3	269
11	Systemic and Nodular Hyperinflammation in a Patient with Refractory Familial Hemophagocytic Lymphohistiocytosis 2. <i>Journal of Clinical Immunology</i> , 2021, 41, 987-991.	2.0	1
12	Reply. <i>Arthritis and Rheumatology</i> , 2021, 73, 1342-1343.	2.9	0
13	Immunodeficiency and bone marrow failure with mosaic and germline TLR8 gain of function. <i>Blood</i> , 2021, 137, 2450-2462.	0.6	47
14	DDX17 is an essential mediator of sterile NLRC4 inflammasome activation by retrotransposon RNAs. <i>Science Immunology</i> , 2021, 6, eabi4493.	5.6	24
15	Proteomic profiling of MIS-C patients indicates heterogeneity relating to interferon gamma dysregulation and vascular endothelial dysfunction. <i>Nature Communications</i> , 2021, 12, 7222.	5.8	41
16	IL-18 as therapeutic target in a patient with resistant systemic juvenile idiopathic arthritis and recurrent macrophage activation syndrome. <i>Rheumatology</i> , 2020, 59, 442-445.	0.9	50
17	IL-18 as a biomarker linking systemic juvenile idiopathic arthritis and macrophage activation syndrome. <i>Rheumatology</i> , 2020, 59, 361-366.	0.9	73
18	Adenosine deaminase 2 as a biomarker of macrophage activation syndrome in systemic juvenile idiopathic arthritis. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 225-231.	0.5	50

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19	A novel de novo NLRC4 mutation reinforces the likely pathogenicity of specific LRR domain mutation. <i>Clinical Immunology</i> , 2020, 211, 108328.	1.4	24
20	American College of Rheumatology Clinical Guidance for Multisystem Inflammatory Syndrome in Children Associated With SARS-CoV-2 and Hyperinflammation in Pediatric COVID-19: Version 1. <i>Arthritis and Rheumatology</i> , 2020, 72, 1791-1805.	2.9	323
21	Highways to hell: Mechanism-based management of cytokine storm syndromes. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 949-959.	1.5	39
22	Interleukin-18 and cytotoxic impairment are independent and synergistic causes of murine virus-induced hyperinflammation. <i>Blood</i> , 2020, 136, 2162-2174.	0.6	20
23	Pediatric hemophagocytic lymphohistiocytosis. <i>Blood</i> , 2020, 135, 1332-1343.	0.6	226
24	On the Alert for Cytokine Storm: Immunopathology in COVID-19. <i>Arthritis and Rheumatology</i> , 2020, 72, 1059-1063.	2.9	562
25	Distinct interferon signatures and cytokine patterns define additional systemic autoinflammatory diseases. <i>Journal of Clinical Investigation</i> , 2020, 130, 1669-1682.	3.9	142
26	NLRC4-Associated Autoinflammatory Diseases. , 2020, , 511-516.		0
27	Severe autoinflammation in 4 patients with C-terminal variants in cell division control protein 42 homolog (CDC42) successfully treated with IL-1 ² inhibition. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1122-1125.e6.	1.5	85
28	Emergent high fatality lung disease in systemic juvenile arthritis. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1722-1731.	0.5	122
29	Other Rare Monogenic Autoinflammatory Diseases. , 2019, , 515-538.		0
30	Intestinal IL-17R Signaling Constrains IL-18-Driven Liver Inflammation by the Regulation of Microbiome-Derived Products. <i>Cell Reports</i> , 2019, 29, 2270-2283.e7.	2.9	16
31	The Intersections of Autoinflammation and Cytokine Storm. , 2019, , 407-421.		0
32	Convergent pathways of the hyperferritinemic syndromes. <i>International Immunology</i> , 2018, 30, 195-203.	1.8	50
33	The NLRC4 Inflammasome. <i>Immunological Reviews</i> , 2018, 281, 115-123.	2.8	230
34	Interleukin-18 diagnostically distinguishes and pathogenically promotes human and murine macrophage activation syndrome. <i>Blood</i> , 2018, 131, 1442-1455.	0.6	288
35	A20 haploinsufficiency (HA20): clinical phenotypes and disease course of patients with a newly recognised NF- κ B-mediated autoinflammatory disease. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 728-735.	0.5	176
36	Autoinflammatory mutation in NLRC4 reveals a leucine-rich repeat (LRR)-LRR oligomerization interface. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1956-1967.e6.	1.5	52

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37	Introduction: Autoinflammatory Syndromes Special Issue—hidden mysteries in the corners of autoinflammation. <i>International Immunology</i> , 2018, 30, 181-182.	1.8	1
38	Hyperferritinemia and inflammation. <i>International Immunology</i> , 2017, 29, 401-409.	1.8	385
39	No shortcuts: new findings reinforce why nuance is the rule in genetic autoinflammatory syndromes. <i>Current Opinion in Rheumatology</i> , 2017, 29, 506-515.	2.0	6
40	IL-10 distinguishes a unique population of activated, effector-like CD8+ T cells in murine acute liver inflammation. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1037-1044.	1.5	11
41	NLRP4 inflammasomopathies. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2017, 17, 398-404.	1.1	97
42	A novel Pyrin-Associated Autoinflammation with Neutrophilic Dermatitis mutation further defines 14-3-3 binding of pyrin and distinction to Familial Mediterranean Fever. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 2085-2094.	0.5	118
43	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 316-317.	1.5	1
44	Life-threatening NLRP4-associated hyperinflammation successfully treated with IL-18 inhibition. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1698-1701.	1.5	282
45	Chronic, Systemic Interleukin-18 Does Not Promote Macular Degeneration or Choroidal Neovascularization. , 2017, 58, 1764.		3
46	Janus kinase inhibition lessens inflammation and ameliorates disease in murine models of hemophagocytic lymphohistiocytosis. <i>Blood</i> , 2016, 127, 1666-1675.	0.6	207
47	Molecular Mechanisms in Genetically Defined Autoinflammatory Diseases: Disorders of Amplified Danger Signaling. <i>Annual Review of Immunology</i> , 2015, 33, 823-874.	9.5	230
48	Editorial: Interferon- γ : Friend or Foe in Systemic Juvenile Idiopathic Arthritis and Adult-Onset Still's Disease?. <i>Arthritis and Rheumatology</i> , 2014, 66, 1072-1076.	2.9	14
49	Brief Report: Alternative Activation of Laser-Captured Murine Hemophagocytes. <i>Arthritis and Rheumatology</i> , 2014, 66, 1666-1671.	2.9	17
50	An activating NLRP4 inflammasome mutation causes autoinflammation with recurrent macrophage activation syndrome. <i>Nature Genetics</i> , 2014, 46, 1140-1146.	9.4	585
51	A 17 year old with isolated proximal tibiofibular joint arthritis. <i>Pediatric Rheumatology</i> , 2013, 11, 1.	0.9	12
52	Interferon- γ Mediates Anemia but Is Dispensable for Fulminant Toll-Like Receptor 9-Induced Macrophage Activation Syndrome and Hemophagocytosis in Mice. <i>Arthritis and Rheumatism</i> , 2013, 65, 1764-1775.	6.7	93
53	Not all hemophagocytes are created equally. <i>Current Opinion in Rheumatology</i> , 2012, 24, 113-118.	2.0	56
54	Making Sense of the Cytokine Storm: A Conceptual Framework for Understanding, Diagnosing, and Treating Hemophagocytic Syndromes. <i>Pediatric Clinics of North America</i> , 2012, 59, 329-344.	0.9	115

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55	Repeated TLR9 stimulation results in macrophage activation syndrome-like disease in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 2264-2277.	3.9	315
56	Acute hepatitis in three patients with systemic juvenile idiopathic arthritis taking interleukin-1 receptor antagonist. <i>Pediatric Rheumatology</i> , 2009, 7, 21.	0.9	28
57	Arthropathy of neonatal onset multisystem inflammatory disease (NOMID/CINCA). <i>Pediatric Radiology</i> , 2007, 37, 145-152.	1.1	116
58	Neonatal-Onset Multisystem Inflammatory Disease Responsive to Interleukin-1 β Inhibition. <i>New England Journal of Medicine</i> , 2006, 355, 581-592.	13.9	853