

Moshe Arditi

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.

87
papers

3,862
citations

31
h-index

61
g-index

94
ext. papers

5,368
ext. citations

10.8
avg, IF

5.58
L-index

#	Paper	IF	Citations
87	Impact of new variants on SARS-CoV-2 infectivity and neutralization: A molecular assessment of the alterations in the spike-host protein interactions.. <i>IScience</i> , 2022 , 25, 103939	6.1	2
86	Severe acute hepatitis in children: investigate SARS-CoV-2 superantigens.. <i>The Lancet Gastroenterology and Hepatology</i> , 2022 ,	18.8	8
85	Paradoxical sex-specific patterns of autoantibody response to SARS-CoV-2 infection.. <i>Journal of Translational Medicine</i> , 2021 , 19, 524	8.5	1
84	Symptomology following mRNA vaccination against SARS-CoV-2. <i>Preventive Medicine</i> , 2021 , 153, 106860	4.3	0
83	Recruitment of pro-IL-1 β to mitochondrial cardiolipin, via shared LC3 binding domain, inhibits mitophagy and drives maximal NLRP3 activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	7
82	HLA class I-associated expansion of TRBV11-2 T cells in multisystem inflammatory syndrome in children. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	39
81	SARS-CoV-2-related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	45
80	Inhibition of IL-6 in the LCWE Mouse Model of Kawasaki Disease Inhibits Acute Phase Reactant Serum Amyloid A but Fails to Attenuate Vasculitis. <i>Frontiers in Immunology</i> , 2021 , 12, 630196	8.4	1
79	MicroRNA-223 Regulates the Development of Cardiovascular Lesions in LCWE-Induced Murine Kawasaki Disease Vasculitis by Repressing the NLRP3 Inflammasome. <i>Frontiers in Pediatrics</i> , 2021 , 9, 662953	3.4	2
78	Rationale for Randomized Clinical Trials Investigating the Potential of BCG Vaccination in Preventing COVID-19 Infection. <i>Bladder Cancer</i> , 2021 , 7, 121-131	1	
77	Multisystem inflammatory syndrome in children is driven by zonulin-dependent loss of gut mucosal barrier. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	46
76	Metformin inhibition of mitochondrial ATP and DNA synthesis abrogates NLRP3 inflammasome activation and pulmonary inflammation. <i>Immunity</i> , 2021 , 54, 1463-1477.e11	32.3	33
75	Phase II Open Label Study of Anakinra in Intravenous Immunoglobulin-Resistant Kawasaki Disease. <i>Arthritis and Rheumatology</i> , 2021 , 73, 151-161	9.5	19
74	BCG vaccination history associates with decreased SARS-CoV-2 seroprevalence across a diverse cohort of health care workers. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	62
73	SARS-CoV-2 specific antibody and neutralization assays reveal the wide range of the humoral immune response to virus. <i>Communications Biology</i> , 2021 , 4, 129	6.7	46
72	Seroprevalence of antibodies to SARS-CoV-2 in healthcare workers: a cross-sectional study. <i>BMJ Open</i> , 2021 , 11, e043584	3	15
71	Characterization of the T Cell Response to Cell Wall Extract in Children With Kawasaki Disease and Its Potential Role in Vascular Inflammation. <i>Frontiers in Pediatrics</i> , 2021 , 9, 633244	3.4	1

70	The autoimmune signature of hyperinflammatory multisystem inflammatory syndrome in children. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	20
69	A systems-level study reveals host-targeted repurposable drugs against SARS-CoV-2 infection. <i>Molecular Systems Biology</i> , 2021 , 17, e10239	12.2	5
68	A monoclonal antibody against staphylococcal enterotoxin B superantigen inhibits SARS-CoV-2 entry in vitro. <i>Structure</i> , 2021 , 29, 951-962.e3	5.2	13
67	Autophagy-mitophagy induction attenuates cardiovascular inflammation in a murine model of Kawasaki disease vasculitis. <i>JCI Insight</i> , 2021 , 6,	9.9	3
66	NLRP3 Inflammasome Mediates Immune-Stromal Interactions in Vasculitis. <i>Circulation Research</i> , 2021 , 129, e183-e200	15.7	4
65	Proteomics profiling reveals Spp1 deficiency to downregulate UCHL1 in macrophages and to associate with lysosome-mitochondria mediated apoptotic pathways.. <i>Alzheimers and Dementia</i> , 2021 , 17 Suppl 3, e055297	1.2	
64	Platelets Fuel the Inflammasome Activation of Innate Immune Cells. <i>Cell Reports</i> , 2020 , 31, 107615	10.6	37
63	Kawasaki disease: pathophysiology and insights from mouse models. <i>Nature Reviews Rheumatology</i> , 2020 , 16, 391-405	8.1	59
62	Autophagy Protects Against Developing Increased Lung Permeability and Hypoxemia by Down Regulating Inflammasome Activity and IL-1 β in LPS Plus Mechanical Ventilation-Induced Acute Lung Injury. <i>Frontiers in Immunology</i> , 2020 , 11, 207	8.4	18
61	A Comprehensive Update on Kawasaki Disease Vasculitis and Myocarditis. <i>Current Rheumatology Reports</i> , 2020 , 22, 6	4.9	19
60	Loss of testosterone impairs anti-tumor neutrophil function. <i>Nature Communications</i> , 2020 , 11, 1613	17.4	15
59	Interleukin-1 Beta-Mediated Sex Differences in Kawasaki Disease Vasculitis Development and Response to Treatment. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 802-818	9.4	10
58	Immune pathogenesis of COVID-19-related multisystem inflammatory syndrome in children. <i>Journal of Clinical Investigation</i> , 2020 , 130, 5619-5621	15.9	34
57	Inositol-requiring enzyme-1 regulates phosphoinositide signaling lipids and macrophage growth. <i>EMBO Reports</i> , 2020 , 21, e51462	6.5	4
56	Sex-Specific Effects of the Nlrp3 Inflammasome on Atherogenesis in LDL Receptor-Deficient Mice. <i>JACC Basic To Translational Science</i> , 2020 , 5, 582-598	8.7	16
55	An insertion unique to SARS-CoV-2 exhibits superantigenic character strengthened by recent mutations 2020 ,		21
54	Identification of a unique TCR repertoire, consistent with a superantigen selection process in Children with Multi-system Inflammatory Syndrome 2020 ,		5
53	A monoclonal antibody against staphylococcal enterotoxin B superantigen inhibits SARS-CoV-2 entry 2020 ,		6

52	IL-1-dependent electrophysiological changes and cardiac neural remodeling in a mouse model of Kawasaki disease vasculitis. <i>Clinical and Experimental Immunology</i> , 2020 , 199, 303-313	6.2	5
51	Oxidative DNA Damage Accelerates Skin Inflammation in Pristane-Induced Lupus Model. <i>Frontiers in Immunology</i> , 2020 , 11, 554725	8.4	10
50	Superantigenic character of an insert unique to SARS-CoV-2 spike supported by skewed TCR repertoire in patients with hyperinflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25254-25262	11.5	116
49	C9orf72 in myeloid cells suppresses STING-induced inflammation. <i>Nature</i> , 2020 , 585, 96-101	50.4	61
48	Intestinal Permeability and IgA Provoke Immune Vasculitis Linked to Cardiovascular Inflammation. <i>Immunity</i> , 2019 , 51, 508-521.e6	32.3	49
47	IL-1 receptor antagonist, anakinra, prevents myocardial dysfunction in a mouse model of Kawasaki disease vasculitis and myocarditis. <i>Clinical and Experimental Immunology</i> , 2019 , 198, 101-110	6.2	31
46	Intercepting the Lipid-Induced Integrated Stress Response Reduces Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1149-1169	15.1	30
45	The Kawasaki Disease Comparative Effectiveness (KIDCARE) trial: A phase III, randomized trial of second intravenous immunoglobulin versus infliximab for resistant Kawasaki disease. <i>Contemporary Clinical Trials</i> , 2019 , 79, 98-103	2.3	15
44	Autophagy Limits Inflammasome During Infection. <i>Frontiers in Immunology</i> , 2019 , 10, 754	8.4	11
43	Myocardial fibrosis after adrenergic stimulation as a long-term sequela in a mouse model of Kawasaki disease vasculitis. <i>JCI Insight</i> , 2019 , 4,	9.9	11
42	Young bone marrow transplantation preserves learning and memory in old mice. <i>Communications Biology</i> , 2019 , 2, 73	6.7	31
41	Optimal tube length of orotracheal intubation for mice. <i>Laboratory Animals</i> , 2019 , 53, 79-83	2.6	2
40	Chlamydia and Lipids Engage a Common Signaling Pathway That Promotes Atherogenesis. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 1553-1570	15.1	18
39	Chlamydia pneumoniae Hijacks a Host Autoregulatory IL-1 Loop to Drive Foam Cell Formation and Accelerate Atherosclerosis. <i>Cell Metabolism</i> , 2018 , 28, 432-448.e4	24.6	41
38	Quantification of Infectious Sendai Virus Using Plaque Assay. <i>Bio-protocol</i> , 2018 , 8,	0.9	2
37	Sendai Virus Propagation Using Chicken Eggs. <i>Bio-protocol</i> , 2018 , 8,	0.9	2
36	T-Cell-Intrinsic Receptor Interacting Protein 2 Regulates Pathogenic T Helper 17 Cell Differentiation. <i>Immunity</i> , 2018 , 49, 873-885.e7	32.3	11
35	Quercetin Inhibits Inflammasome Activation by Interfering with ASC Oligomerization and Prevents Interleukin-1 Mediated Mouse Vasculitis. <i>Scientific Reports</i> , 2017 , 7, 41539	4.9	49

34	Review: Found in Translation: International Initiatives Pursuing Interleukin-1 Blockade for Treatment of Acute Kawasaki Disease. <i>Arthritis and Rheumatology</i> , 2017 , 69, 268-276	9.5	41
33	CD8+ T Cells Contribute to the Development of Coronary Arteritis in the Lactobacillus casei Cell Wall Extract-Induced Murine Model of Kawasaki Disease. <i>Arthritis and Rheumatology</i> , 2017 , 69, 410-421	9.5	23
32	Suppression of IL-12p70 formation by IL-2 or following macrophage depletion causes T-cell autoreactivity leading to CNS demyelination in HSV-1-infected mice. <i>PLoS Pathogens</i> , 2017 , 13, e1006401	7.6	8
31	Ogg1-Dependent DNA Repair Regulates NLRP3 Inflammasome and Prevents Atherosclerosis. <i>Circulation Research</i> , 2016 , 119, e76-90	15.7	79
30	Hexokinase Is an Innate Immune Receptor for the Detection of Bacterial Peptidoglycan. <i>Cell</i> , 2016 , 166, 624-636	56.2	276
29	Role of Interleukin-1 Signaling in a Mouse Model of Kawasaki Disease-Associated Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 886-97	9.4	59
28	Histone deacetylase inhibitors mediate DNA damage repair in ameliorating hemorrhagic cystitis. <i>Scientific Reports</i> , 2016 , 6, 39257	4.9	11
27	Immunological Consequences of Intestinal Fungal Dysbiosis. <i>Cell Host and Microbe</i> , 2016 , 19, 865-73	23.4	241
26	Rationale and study design for a phase I/IIa trial of anakinra in children with Kawasaki disease and early coronary artery abnormalities (the ANAKID trial). <i>Contemporary Clinical Trials</i> , 2016 , 48, 70-5	2.3	48
25	Mast cells play an important role in chlamydia pneumoniae lung infection by facilitating immune cell recruitment into the airway. <i>Journal of Immunology</i> , 2015 , 194, 3840-51	5.3	19
24	Lipopolysaccharide Induces Alveolar Macrophage Necrosis via CD14 and the P2X7 Receptor Leading to Interleukin-1 Release. <i>Immunity</i> , 2015 , 42, 640-53	32.3	77
23	TIR Domain-Containing Adapter-Inducing Beta Interferon (TRIF) Mediates Immunological Memory against Bacterial Pathogens. <i>Infection and Immunity</i> , 2015 , 83, 4404-15	3.7	4
22	POPsicle for Fever! Cooling Down the Inflammasome. <i>Immunity</i> , 2015 , 43, 213-5	32.3	
21	TGF- β inhibits the production of IFN in response to CpG DNA via ubiquitination of TNF receptor-associated factor (TRAF) 6. <i>Innate Immunity</i> , 2015 , 21, 770-7	2.7	8
20	Nicotinamide exacerbates hypoxemia in ventilator-induced lung injury independent of neutrophil infiltration. <i>PLoS ONE</i> , 2015 , 10, e0123460	3.7	23
19	Inflammation and pyroptosis mediate muscle expansion in an interleukin-1[IL-1]-dependent manner. <i>Journal of Biological Chemistry</i> , 2015 , 290, 6574-83	5.4	34
18	Group B Streptococcus Evades Host Immunity by Degrading Hyaluronan. <i>Cell Host and Microbe</i> , 2015 , 18, 694-704	23.4	42
17	IL-1 Signaling Is Critically Required in Stromal Cells in Kawasaki Disease Vasculitis Mouse Model: Role of Both IL-1[α] and IL-1[β]. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 2605-16	9.4	61

16	A single infection with <i>Chlamydia pneumoniae</i> is sufficient to exacerbate atherosclerosis in ApoE deficient mice. <i>Cellular Immunology</i> , 2015 , 294, 25-32	4.4	21
15	ApoB-100-related peptide vaccine protects against angiotensin II-induced aortic aneurysm formation and rupture. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 546-56	15.1	18
14	Alternatively spliced myeloid differentiation protein-2 inhibits TLR4-mediated lung inflammation. <i>Journal of Immunology</i> , 2015 , 194, 1686-94	5.3	10
13	Deficiency of CCAAT/enhancer binding protein-epsilon reduces atherosclerotic lesions in LDLR ^{-/-} mice. <i>PLoS ONE</i> , 2014 , 9, e85341	3.7	1
12	Validation of a bedside, on-line/smartphone algorithm to differentiate Kawasaki Disease from other febrile illnesses. <i>Journal of Pediatrics</i> , 2013 , 162, 1077-9	3.6	
11	<i>Chlamydia pneumoniae</i> infection in mice induces chronic lung inflammation, iBALT formation, and fibrosis. <i>PLoS ONE</i> , 2013 , 8, e77447	3.7	20
10	Oxidized mitochondrial DNA activates the NLRP3 inflammasome during apoptosis. <i>Immunity</i> , 2012 , 36, 401-14	32.3	1223
9	Interleukin-1 β s crucial for the induction of coronary artery inflammation in a mouse model of Kawasaki disease. <i>Circulation</i> , 2012 , 125, 1542-50	16.7	139
8	Macrophage IL-12p70 signaling prevents HSV-1-induced CNS autoimmunity triggered by autoaggressive CD4 ⁺ Tregs 2011 , 52, 2321-33		11
7	IL-2 suppression of IL-12p70 by a recombinant HSV-1 expressing IL-2 induces T-cell auto-reactivity and CNS demyelination. <i>PLoS ONE</i> , 2011 , 6, e16820	3.7	10
6	Involvement of innate and adaptive immunity in a murine model of coronary arteritis mimicking Kawasaki disease. <i>Journal of Immunology</i> , 2009 , 183, 5311-8	5.3	60
5	HMGB1 Mediates Endogenous TLR2 Activation And Brain Tumor Regression.. <i>FASEB Journal</i> , 2008 , 22, 515-515	0.9	1
4	Activated myeloid dendritic cells accumulate and co-localize with CD3 ⁺ T cells in coronary artery lesions in patients with Kawasaki disease. <i>Experimental and Molecular Pathology</i> , 2007 , 83, 93-103	4.4	36
3	TLR2 and MyD88 contribute to <i>Lactobacillus casei</i> extract-induced focal coronary arteritis in a mouse model of Kawasaki disease. <i>Circulation</i> , 2005 , 112, 2966-73	16.7	66
2	Innate Immunity in Atherosclerosis 136-146		
1	Impact of South African 501.V2 Variant on SARS-CoV-2 Spike Infectivity and Neutralization: A Structure-based Computational Assessment		35