

Robert A Colbert

List of Publications by Year in descending order

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67
papers

8,241
citations

87843

38
h-index

98753

67
g-index

69
all docs

69
docs citations

69
times ranked

7467
citing authors

#	ARTICLE	IF	CITATIONS
1	Children With Enthesitis-Related Arthritis and Possible Benefits From Treatments for Adults With Spondyloarthritis. <i>Arthritis Care and Research</i> , 2022, 74, 1058-1064.	1.5	18
2	Induced pluripotent stem cell-derived bone progenitors. , 2022, , 133-158.		0
3	Fibroblasts from Patients with Melorheostosis Promote Angiogenesis in Healthy Endothelial Cells through Secreted Factors. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2406-2414.e5.	0.3	2
4	The enigmatic role of HLA-B*27 in spondyloarthritis pathogenesis. <i>Seminars in Immunopathology</i> , 2021, 43, 235-243.	2.8	18
5	Biological classification of childhood arthritis: roadmap to a molecular nomenclature. <i>Nature Reviews Rheumatology</i> , 2021, 17, 257-269.	3.5	52
6	Recent Updates in Juvenile Spondyloarthritis. <i>Rheumatic Disease Clinics of North America</i> , 2021, 47, 565-583.	0.8	13
7	Somatic Mutations in <i>UBA1</i> Define a Distinct Subset of Relapsing Polychondritis Patients With VEXAS. <i>Arthritis and Rheumatology</i> , 2021, 73, 1886-1895.	2.9	125
8	Somatic Mutations in <i>UBA1</i> and Severe Adult-Onset Autoinflammatory Disease. <i>New England Journal of Medicine</i> , 2020, 383, 2628-2638.	13.9	580
9	Identification of <i>Prevotella Oral</i> as a possible target antigen in children with Enthesitis related arthritis. <i>Clinical Immunology</i> , 2020, 216, 108463.	1.4	3
10	Novel Interomic Analysis Reveals Relationships Between Diverse Gut Microbiota and Host Immune Dysregulation in HLA-B27-Induced Experimental Spondyloarthritis. <i>Arthritis and Rheumatology</i> , 2019, 71, 1849-1857.	2.9	33
11	2019 American College of Rheumatology/Arthritis Foundation Guideline for the Treatment of Juvenile Idiopathic Arthritis: Therapeutic Approaches for Non-Systemic Polyarthriti, Sacroiliiti, and Enthesiti. <i>Arthritis and Rheumatology</i> , 2019, 71, 846-863.	2.9	110
12	2019 American College of Rheumatology/Arthritis Foundation Guideline for the Screening, Monitoring, and Treatment of Juvenile Idiopathic Arthritis-Associated Uveiti. <i>Arthritis and Rheumatology</i> , 2019, 71, 864-877.	2.9	57
13	Methods in microbiome research: Past, present, and future. <i>Best Practice and Research in Clinical Rheumatology</i> , 2019, 33, 101498.	1.4	12
14	Patient-perceived Burden of Disease in Pediatric Relapsing Polychondritis. <i>Journal of Rheumatology</i> , 2019, 46, 1627-1633.	1.0	2
15	The Role of Autophagy in the Degradation of Misfolded HLA-B27 Heavy Chains. <i>Arthritis and Rheumatology</i> , 2018, 70, 746-755.	2.9	28
16	Effects of HLA-B27 on Gut Microbiota in Experimental Spondyloarthritis Implicate an Ecological Model of Dysbiosis. <i>Arthritis and Rheumatology</i> , 2018, 70, 555-565.	2.9	81
17	Juvenile Spondyloarthritis. <i>Pediatric Clinics of North America</i> , 2018, 65, 675-690.	0.9	49
18	Psoriatic Arthritis. <i>New England Journal of Medicine</i> , 2017, 376, 957-970.	13.9	931

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19	The Human Leukocyte Antigen (HLA)-B27 Peptidome in Vivo, in Spondyloarthritis-susceptible HLA-B27 Transgenic Rats and the Effect of Erp1 Deletion. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 642-662.	2.5	50
20	Causes and consequences of endoplasmic reticulum stress in rheumatic disease. <i>Nature Reviews Rheumatology</i> , 2017, 13, 25-40.	3.5	81
21	Generation and differentiation of induced pluripotent stem cells reveal ankylosing spondylitis risk gene expression in bone progenitors. <i>Clinical Rheumatology</i> , 2017, 36, 143-154.	1.0	17
22	The role of HLA-B*27 in spondyloarthritis. <i>Best Practice and Research in Clinical Rheumatology</i> , 2017, 31, 797-815.	1.4	39
23	Etiology and Pathogenesis of Spondyloarthritis. , 2017, , 1245-1255.e4.		4
24	Editorial: HLA-B27: The Story Continues to Unfold. <i>Arthritis and Rheumatology</i> , 2016, 68, 1057-1059.	2.9	9
25	ERAP1 reduces accumulation of aberrant and disulfide-linked forms of HLA-B27 on the cell surface. <i>Molecular Immunology</i> , 2016, 74, 10-17.	1.0	21
26	Ankylosing Spondylitis and Axial Spondyloarthritis. <i>New England Journal of Medicine</i> , 2016, 374, 2563-2574.	13.9	565
27	Identification of Interleukin-17-Producing Monocytes That Are Susceptible to Pyronecrotic Cell Death in Patients With Neonatal-Onset Multisystem Inflammatory Disease. <i>Arthritis and Rheumatology</i> , 2015, 67, 3286-3297.	2.9	14
28	Endoplasmic reticulum aminopeptidase 1 and rheumatic disease. <i>Current Opinion in Rheumatology</i> , 2015, 27, 357-363.	2.0	26
29	The intestinal microbiome in spondyloarthritis. <i>Current Opinion in Rheumatology</i> , 2015, 27, 319-325.	2.0	97
30	Loss of bone strength in HLA-B27 transgenic rats is characterized by a high bone turnover and is mainly osteoclast-driven. <i>Bone</i> , 2015, 75, 183-191.	1.4	9
31	HLA-B27 and Human β 2-Microglobulin Affect the Gut Microbiota of Transgenic Rats. <i>PLoS ONE</i> , 2014, 9, e105684.	1.1	209
32	Radiography Versus Magnetic Resonance Imaging (MRI) in Juvenile Spondyloarthritis: Is the MR Image Everything?. <i>Journal of Rheumatology</i> , 2014, 41, 832-833.	1.0	4
33	Development and Retrospective Validation of the Juvenile Spondyloarthritis Disease Activity Index. <i>Arthritis Care and Research</i> , 2014, 66, 1775-1782.	1.5	71
34	HLA-B27 misfolding and ankylosing spondylitis. <i>Molecular Immunology</i> , 2014, 57, 44-51.	1.0	184
35	Review: The Interleukin-23/Interleukin-17 Axis in Spondyloarthritis Pathogenesis: Th17 and Beyond. <i>Arthritis and Rheumatology</i> , 2014, 66, 231-241.	2.9	192
36	Reverse Interferon Signature Is Characteristic of Antigen-Presenting Cells in Human and Rat Spondyloarthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 841-851.	2.9	51

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37	Evidence that autophagy, but not the unfolded protein response, regulates the expression of IL-23 in the gut of patients with ankylosing spondylitis and subclinical gut inflammation. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1566-1574.	0.5	145
38	Update on Juvenile Spondyloarthritis. <i>Rheumatic Disease Clinics of North America</i> , 2013, 39, 767-788.	0.8	40
39	HLA-B*27 Alters the Response to Tumor Necrosis Factor α and Promotes Osteoclastogenesis in Bone Marrow Monocytes From HLA-B*27 Transgenic Rats. <i>Arthritis and Rheumatism</i> , 2013, 65, 2123-2131.	6.7	29
40	17 and 23: prime numbers for ankylosing spondylitis?. <i>Lancet, The</i> , 2013, 382, 1682-1683.	6.3	3
41	Enhanced phosphorylation of STAT1 is dependent on double-stranded RNA-dependent protein kinase signaling in HLA-B*27-expressing U937 monocytic cells. <i>Arthritis and Rheumatism</i> , 2012, 64, 772-777.	6.7	14
42	Biosimilars: The debate continues. <i>Arthritis and Rheumatism</i> , 2011, 63, 2848-2850.	6.7	27
43	Early axial spondyloarthritis. <i>Current Opinion in Rheumatology</i> , 2010, 22, 603-607.	2.0	13
44	From HLA-B*27 to spondyloarthritis: a journey through the ER. <i>Immunological Reviews</i> , 2010, 233, 181-202.	2.8	154
45	Classification of juvenile spondyloarthritis: enthesitis-related arthritis and beyond. <i>Nature Reviews Rheumatology</i> , 2010, 6, 477-485.	3.5	126
46	HLA-B*27 misfolding and spondyloarthropathies. <i>Prion</i> , 2009, 3, 15-26.	0.9	34
47	An overview of genetics of paediatric rheumatic diseases. <i>Best Practice and Research in Clinical Rheumatology</i> , 2009, 23, 589-597.	1.4	28
48	Gene expression signatures in polyarticular juvenile idiopathic arthritis demonstrate disease heterogeneity and offer a molecular classification of disease subsets. <i>Arthritis and Rheumatism</i> , 2009, 60, 2113-2123.	6.7	66
49	Subtype-specific peripheral blood gene expression profiles in recent-onset juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2009, 60, 2102-2112.	6.7	153
50	HLA-B*27 misfolding and the unfolded protein response augment interleukin-23 production and are associated with Th17 activation in transgenic rats. <i>Arthritis and Rheumatism</i> , 2009, 60, 2633-2643.	6.7	342
51	HLA-B*27 Misfolding and Spondyloarthropathies. <i>Advances in Experimental Medicine and Biology</i> , 2009, 649, 217-234.	0.8	25
52	Endoplasmic reticulum stress and the unfolded protein response are linked to synergistic IFN- γ induction via χ box binding protein 1. <i>European Journal of Immunology</i> , 2008, 38, 1194-1203.	1.6	278
53	Gene expression analysis of macrophages derived from ankylosing spondylitis patients reveals interferon- γ dysregulation. <i>Arthritis and Rheumatism</i> , 2008, 58, 1640-1649.	6.7	87
54	The interleukin-23/interleukin-17 axis in spondyloarthritis. <i>Current Opinion in Rheumatology</i> , 2008, 20, 392-397.	2.0	57

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55	HLA-B27 up-regulation causes accumulation of misfolded heavy chains and correlates with the magnitude of the unfolded protein response in transgenic rats: Implications for the pathogenesis of spondylarthritis-like disease. <i>Arthritis and Rheumatism</i> , 2007, 56, 215-223.	6.7	128
56	Evidence that the p38 MAP kinase pathway is dysregulated in HLA-B27-expressing human monocytic cells: Correlation with HLA-B27 misfolding. <i>Arthritis and Rheumatism</i> , 2007, 56, 2652-2662.	6.7	20
57	Gene expression profiling of peripheral blood from patients with untreated new-onset systemic juvenile idiopathic arthritis reveals molecular heterogeneity that may predict macrophage activation syndrome. <i>Arthritis and Rheumatism</i> , 2007, 56, 3793-3804.	6.7	216
58	Pathogenesis of ankylosing spondylitis: Current concepts. <i>Best Practice and Research in Clinical Rheumatology</i> , 2006, 20, 571-591.	1.4	76
59	Nomenclature and classification in chronic childhood arthritis: Time for a change?. <i>Arthritis and Rheumatism</i> , 2005, 52, 382-385.	6.7	50
60	HLA-B27 Misfolding in Transgenic Rats Is Associated with Activation of the Unfolded Protein Response. <i>Journal of Immunology</i> , 2005, 175, 2438-2448.	0.4	218
61	The Immunobiology of HLA-B27: Variations on a Theme. <i>Current Molecular Medicine</i> , 2004, 4, 21-30.	0.6	80
62	Enhanced intracellular replication of <i>Salmonella enteritidis</i> in HLA-B27-expressing human monocytic cells: Dependency on glutamic acid at position 45 in the B pocket of HLA-B27. <i>Arthritis and Rheumatism</i> , 2004, 50, 2255-2263.	6.7	66
63	HLA-B27 Misfolding Is Associated with Aberrant Intermolecular Disulfide Bond Formation (Dimerization) in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2002, 277, 23459-23468.	1.6	212
64	Evolution and transmission of stable CTL escape mutations in HIV infection. <i>Nature</i> , 2001, 412, 334-338.	18.7	523
65	Development of spontaneous arthritis in β 2-microglobulin-deficient mice without expression of HLA-B27: Association with deficiency of endogenous major histocompatibility complex class I expression. <i>Arthritis and Rheumatism</i> , 2000, 43, 2290-2296.	6.7	55
66	HLA-B27 misfolding: a solution to the spondyloarthropathy conundrum?. <i>Trends in Molecular Medicine</i> , 2000, 6, 224-230.	2.6	114
67	Late escape from an immunodominant cytotoxic T-lymphocyte response associated with progression to AIDS. <i>Nature Medicine</i> , 1997, 3, 212-217.	15.2	1,096