Antony Rosen

List of Publications by Year
in descending order

54	3,156	304743	243625
papers	citations	22 h-index	44 g-index

57	57	57	4148
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The mucocutaneous and systemic phenotype of dermatomyositis patients with antibodies to MDA5 (CADM-140): AÂretrospective study. Journal of the American Academy of Dermatology, 2011, 65, 25-34.	1.2	476
2	Aggregatibacter actinomycetemcomitans â€“induced hypercitrullination links periodontal infection to autoimmunity in rheumatoid arthritis. Science Translational Medicine, 2016, 8, 369ra176.	12.4	423
3	Autoantigens as substrates for apoptotic proteases: implications for the pathogenesis of systemic autoimmune disease. Cell Death and Differentiation, 1999, 6, 6-12.	11.2	344
4	Scleroderma Autoantigens Are Uniquely Fragmented by Metal-catalyzed Oxidation Reactions: Implications for Pathogenesis. Journal of Experimental Medicine, 1997, 185, 71-80.	8.5	198
5	Patient Trajectories Among Persons Hospitalized for COVID-19. Annals of Internal Medicine, 2021, 174, 33-41.	3.9	186
6	Macromolecular substrates for the ICE-like proteases during apoptosis. Journal of Cellular Biochemistry, 1997, 64, 50-54.	2.6	134
7	Molecular Subsetting of Interferon Pathways in SjÃ¶gren's Syndrome. Arthritis and Rheumatology, 2015, 67, 2437-2446.	5.6	115
8	Sequential activation of three distinct ICEâ€like activities in Fasâ€ligated Jurkat cells. FEBS Letters, 1996, 390, 299-303.	2.8	105
9	Mouse and Human Granzyme B Have Distinct Tetrapeptide Specificities and Abilities to Recruit the Bid Pathway. Journal of Biological Chemistry, 2007, 282, 4545-4552.	3.4	93
10	Caspase-mediated proteolysis during apoptosis: insights from apoptotic neutrophils. FEBS Letters, 1998, 422, 179-184.	2.8	85
11	Clearing the way to mechanisms of autoimmunity. Nature Medicine, 2001, 7, 664-665.	30.7	85
12	Systematic autoantigen analysis identifies a distinct subtype of scleroderma with coincident cancer. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7526-E7534.	7.1	75
13	A Novel Dermato-Pulmonary Syndrome Associated With MDA-5 Antibodies. Medicine (United States), 2012, 91, 220-228.	1.0	74
14	The DNA mismatch repair enzyme PMS1 is a myositis-specific autoantigen. Arthritis and Rheumatism, 2001, 44, 389-396.	6.7	70
15	Novel fragments of the Sjï¿½gren's syndrome autoantigens ?-fodrin and type 3 muscarinic acetylcholine receptor generated during cytotoxic lymphocyte granule-induced cell death. Arthritis and Rheumatism, 2001, 44, 2376-2386.	6.7	67
16	Brief Report: Antiâ€“RNPCâ€3 Antibodies As a Marker of Cancerâ€Associated Scleroderma. Arthritis and Rheumatology, 2017, 69, 1306-1312.	5.6	61
17	Autoantibodies and scleroderma phenotype define subgroups at high-risk and low-risk for cancer. Annals of the Rheumatic Diseases, 2018, 77, annrheumdis-2018-212999.	0.9	60
18	Autoantigens as Partners in Initiation and Propagation of Autoimmune Rheumatic Diseases. Annual Review of Immunology, 2016, 34, 395-420.	21.8	49

#	Article	IF	Citations
19	Association of Antibodies to Interferonâ€inducible Proteinâ€16 With Markers of More Severe Disease in Primary SjÃ¶gren's Syndrome. Arthritis Care and Research, 2016, 68, 254-260.	3.4	38
20	Protective Effect Against Cancer of Antibodies to the LargeÂSubunits of Both <scp>RNA</scp> Polymerases I and <scp>III</scp> in Scleroderma. Arthritis and Rheumatology, 2019, 71, 1571-1579.	5.6	34
21	PUF60: a prominent new target of the autoimmune response in dermatomyositis and SjÃ¶gren's syndrome. Annals of the Rheumatic Diseases, 2016, 75, 1145-1151.	0.9	33
22	Frequency of circulating topoisomerase-I-specific CD4 T cells predicts presence and progression of interstitial lung disease in scleroderma. Arthritis Research and Therapy, 2016, 18, 99.	3.5	31
23	Immune responses to CCAR1 and other dermatomyositis autoantigens are associated with attenuated cancer emergence. Journal of Clinical Investigation, 2022, 132, .	8.2	26
24	Proteolysis by Granzyme B Enhances Presentation of Autoantigenic Peptidylarginine Deiminase 4 Epitopes in Rheumatoid Arthritis. Journal of Proteome Research, 2017, 16, 355-365.	3.7	25
25	Association of Acroosteolysis With Enhanced Osteoclastogenesis and Higher Blood Levels of Vascular Endothelial Growth Factor in Systemic Sclerosis. Arthritis and Rheumatology, 2016, 68, 201-209.	5.6	23
26	IgM anti-ACE2 autoantibodies in severe COVID-19 activate complement and perturb vascular endothelial function. JCI Insight, 2022, 7, .	5.0	23
27	The DNA sensors AIM2 and IFI16 are SLE autoantigens that bind neutrophil extracellular traps. ELife, 0, 11, .	6.0	23
28	Association of Baseline Peptidylarginine Deiminase 4 Autoantibodies With Favorable Response to Treatment Escalation in Rheumatoid Arthritis. Arthritis and Rheumatology, 2019, 71, 696-702.	5.6	19
29	Autoantibodies targeting telomere-associated proteins in systemic sclerosis. Annals of the Rheumatic Diseases, 2021, 80, 912-919.	0.9	19
30	Precision medicine: discovering clinically relevant and mechanistically anchored disease subgroups at scale. Journal of Clinical Investigation, 2019, 129, 944-945.	8.2	16
31	Antiâ€“Interferonâ€inducible Protein 16 Antibodies Associate With Digital Gangrene in Patients With Scleroderma. Arthritis and Rheumatology, 2016, 68, 1262-1271.	5.6	13
32	Affinity maturation shapes the function of agonistic antibodies to peptidylarginine deiminase type 4 in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2018, 77, 141-148.	0.9	13
33	Dynamic Conformations of Nucleophosmin (NPM1) at a Key Monomer-Monomer Interface Affect Oligomer Stability and Interactions with Granzyme B. PLoS ONE, 2014, 9, e115062.	2.5	11
34	Huntingtin: new marker along the road to death?. Nature Genetics, 1996, 13, 380-382.	21.4	10
35	Enrichment of Scleroderma Vascular Diseaseâ€“Associated Autoantigens in Endothelial Lineage Cells. Arthritis and Rheumatology, 2016, 68, 2540-2549.	5.6	10
36	Evaluation of cancer-associated myositis and scleroderma autoantibodies in breast cancer patients without rheumatic disease. Clinical and Experimental Rheumatology, 2017, 35 Suppl 106, 71-74.	0.8	10

#	Article	IF	Citations
37	Association of systemic lupus erythematosus autoantibody diversity with breast cancer protection. Arthritis Research and Therapy, 2021, 23, 64.	3.5	9
38	A methodology for exploring biomarker â€“ phenotype associations: application to flow cytometry data and systemic sclerosis clinical manifestations. BMC Bioinformatics, 2015, 16, 293.	2.6	8
39	Granzyme B Induces IRF-3 Phosphorylation through a Perforin-Independent Proteolysis-Dependent Signaling Cascade without Inducing Cell Death. Journal of Immunology, 2021, 206, 335-344.	0.8	6
40	A Bayesian approach to restricted latent class models for scientifically structured clustering of multivariate binary outcomes. Biometrics, 2021, 77, 1431-1444.	1.4	4
41	Advances at the interface of cancer and systemic sclerosis. Journal of Scleroderma and Related Disorders, 2021, 6, 50-57.	1.7	4
42	Presence and Implications of <scp>Antiâ€Angiotensin Converting Enzymeâ€2</scp> Immunoglobulin M Antibodies in <scp>Antiâ€Melanomaâ€Differentiationâ€Associated</scp> 5 Dermatomyositis. ACR Open Rheumatology, 2022, 4, 457-463.	2.1	4
43	Estimating autoantibody signatures to detect autoimmune disease patient subsets. Biostatistics, 2019, 20, 30-47.	1.5	3
44	Moments of Wonder. American Journal of Medicine, 2018, 131, 852-853.	1.5	2
45	Autoantibodies targeting LINE-1-encoded ORF1p are associated with systemic lupus erythematosus diagnosis but not disease activity. Clinical and Experimental Rheumatology, 0, , .	0.8	2
46	Macromolecular substrates for the ICE-like proteases during apoptosis. , 1997, 64, 50.		1
47	Learning and Predicting from Dynamic Models for COVID-19 Patient Monitoring. Statistical Science, 2022, 37, .	2.8	1
48	Autoantigens as Substrates for Apoptotic Proteases: Implications for the Pathogenesis of Systemic Autoimmune Disease. , 0, , 243-260.		0
49	Self-antigen Modification and Autoimmunity. , 2006, , 139-156.		0
50	Improving the Physical Examinationâ€”Reply. JAMA - Journal of the American Medical Association, 2016, 316, 1410.	7.4	0
51	Reply. Arthritis Care and Research, 2017, 69, 454-454.	3.4	0
52	Reply. Arthritis and Rheumatology, 2017, 69, 1915-1916.	5.6	0
53	4â€…Anti-retinoblastoma protein antibodies are negatively associated with lupus nephritis. , 2019, , .		0
54	Autoantibodies targeting LINE-1-encoded ORF1p are associated with systemic lupus erythematosus diagnosis but not disease activity. Clinical and Experimental Rheumatology, 2021, , .	0.8	0