

Scott R Presnell

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

3,981
citations

394421

19
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

6386
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-28, IL-29 and their class II cytokine receptor IL-28R. <i>Nature Immunology</i> , 2003, 4, 63-68.	14.5	1,385
2	Molecular signatures of antibody responses derived from a systems biology study of five human vaccines. <i>Nature Immunology</i> , 2014, 15, 195-204.	14.5	672
3	Modular Transcriptional Repertoire Analyses of Adults With Systemic Lupus Erythematosus Reveal Distinct Type I and Type II Interferon Signatures. <i>Arthritis and Rheumatology</i> , 2014, 66, 1583-1595.	5.6	302
4	Systems Scale Interactive Exploration Reveals Quantitative and Qualitative Differences in Response to Influenza and Pneumococcal Vaccines. <i>Immunity</i> , 2013, 38, 831-844.	14.3	284
5	Topological distribution of four-alpha-helix bundles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 6592-6596.	7.1	193
6	Four helix bundle diversity in globular proteins. <i>Journal of Molecular Biology</i> , 1994, 236, 1356-1368.	4.2	151
7	The ribonuclease from an extinct bovid ruminant. <i>FEBS Letters</i> , 1990, 262, 104-106.	2.8	115
8	Transcriptome networks identify mechanisms of viral and nonviral asthma exacerbations in children. <i>Nature Immunology</i> , 2019, 20, 637-651.	14.5	106
9	Origins of structural diversity within sequentially identical hexapeptides. <i>Protein Science</i> , 1993, 2, 2134-2145.	7.6	94
10	Transcriptomic evidence for modulation of host inflammatory responses during febrile <i>Plasmodium falciparum</i> malaria. <i>Scientific Reports</i> , 2016, 6, 31291.	3.3	85
11	Chronic TLR7 and TLR9 signaling drives anemia via differentiation of specialized hemophagocytes. <i>Science</i> , 2019, 363, .	12.6	82
12	A segment-based approach to protein secondary structure prediction. <i>Biochemistry</i> , 1992, 31, 983-993.	2.5	49
13	An interactive web application for the dissemination of human systems immunology data. <i>Journal of Translational Medicine</i> , 2015, 13, 196.	4.4	49
14	Experimental and theoretical studies of the three-dimensional structure of human interleukin-4. <i>Proteins: Structure, Function and Bioinformatics</i> , 1991, 11, 111-119.	2.6	39
15	Endotype of allergic asthma with airway obstruction in urban children. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 1198-1209.	2.9	32
16	Seasonal airway microbiome and transcriptome interactions promote childhood asthma exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 204-213.	2.9	31
17	Development of a fixed module repertoire for the analysis and interpretation of blood transcriptome data. <i>Nature Communications</i> , 2021, 12, 4385.	12.8	29
18	Expression of bovine pancreatic ribonuclease A in <i>Escherichia coli</i> . <i>FEBS Journal</i> , 1987, 163, 67-71.	0.2	28

#	ARTICLE	IF	CITATIONS
19	Allergen-induced activation of natural killer cells represents an early-life immune response in the development of allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1856-1866.	2.9	26
20	A hybrid of bovine pancreatic ribonuclease and human angiogenin: an external loop as a module controlling substrate specificity?. <i>Protein Engineering, Design and Selection</i> , 1991, 4, 831-835.	2.1	25
21	A curated compendium of monocyte transcriptome datasets of relevance to human monocyte immunobiology research. <i>F1000Research</i> , 2016, 5, 291.	1.6	20
22	The design of syntetic genes. <i>Nucleic Acids Research</i> , 1988, 16, 1693-1702.	14.5	18
23	Chemokines, soluble PD-L1, and immune cell hyporesponsiveness are distinct features of SARS-CoV-2 critical illness. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 323, L14-L26.	2.9	15
24	A collection of annotated and harmonized human breast cancer transcriptome datasets, including immunologic classification. <i>F1000Research</i> , 2017, 6, 296.	1.6	14
25	Inducible expression quantitative trait locus analysis of the MUC5AC gene in asthma in urban populations of children. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 1505-1514.	2.9	14
26	A collection of annotated and harmonized human breast cancer transcriptome datasets, including immunologic classification. <i>F1000Research</i> , 2017, 6, 296.	1.6	14
27	[13] Pattern-based approaches to protein structure prediction. <i>Methods in Enzymology</i> , 1991, 202, 252-268.	1.0	12
28	A pro-inflammatory CD8+ T-cell subset patrols the cervicovaginal tract. <i>Mucosal Immunology</i> , 2019, 12, 1118-1129.	6.0	12
29	A curated transcriptome dataset collection to investigate the development and differentiation of the human placenta and its associated pathologies. <i>F1000Research</i> , 2016, 5, 305.	1.6	12
30	A curated transcriptome dataset collection to investigate the functional programming of human hematopoietic cells in early life. <i>F1000Research</i> , 2016, 5, 414.	1.6	12
31	A curated transcriptome dataset collection to investigate the immunobiology of HIV infection. <i>F1000Research</i> , 2016, 5, 327.	1.6	10
32	A curated transcriptome dataset collection to investigate the development and differentiation of the human placenta and its associated pathologies. <i>F1000Research</i> , 2016, 5, 305.	1.6	10
33	MacMatch: a tool for pattern-based protein secondary structure prediction. <i>Bioinformatics</i> , 1993, 9, 373-374.	4.1	5
34	A compendium of monocyte transcriptome datasets to foster biomedical knowledge discovery. <i>F1000Research</i> , 2016, 5, 291.	1.6	4
35	Evolutionary Guidance and the Engineering of Enzymes. , 1986, , 325-340.		0