T Daniel Andrews

List of Publications by Year
in descending order

25 papers	1,166 citations	623734 14 h-index	580821 25 g-index
27 all docs	27 docs citations	27 times ranked	2144 citing authors

#	Article	IF	Citations
1	TLR7 gain-of-function genetic variation causes human lupus. Nature, 2022, 605, 349-356.	27.8	208
2	Comparison of predicted and actual consequences of missense mutations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5189-98.	7.1	200
3	Atypical B cells are part of an alternative lineage of B cells that participates in responses to vaccination and infection in humans. Cell Reports, 2021, 34, 108684.	6.4	134
4	IRF2 transcriptionally induces GSDMD expression for pyroptosis. Science Signaling, 2019, 12, .	3.6	120
5	Functional rare and low frequency variants in BLK and BANK1 contribute to human lupus. Nature Communications, 2019, 10, 2201.	12.8	73
6	Accelerated Evolution of Cytochrome b in Simian Primates: Adaptive Evolution in Concert with Other Mitochondrial Proteins?. Journal of Molecular Evolution, 1998, 47, 249-257.	1.8	71
7	Gain-of-function IKBKB mutation causes human combined immune deficiency. Journal of Experimental Medicine, 2018, 215, 2715-2724.	8.5	69
8	Absence of mucosal-associated invariant T cells in a person with a homozygous point mutation in MR1. Science Immunology, 2020, 5, .	11.9	50
9	Reliably Detecting Clinically Important Variants Requires Both Combined Variant Calls and Optimized Filtering Strategies. PLoS ONE, 2015, 10, e0143199.	2.5	38
10	Heterogeneity of Human Neutrophil CD177 Expression Results from CD177P1 Pseudogene Conversion. PLoS Genetics, 2016, 12, e1006067.	3.5	36
11	Evolutionary Rate Acceleration of Cytochrome c Oxidase Subunit I in Simian Primates. Journal of Molecular Evolution, 2000, 50, 562-568.	1.8	35
12	Novel and rare functional genomic variants in multiple autoimmune syndrome and SjÃ¶grenâ€™s syndrome. Journal of Translational Medicine, 2015, 13, 173.	4.4	30
13	Candidate gene discovery in autoimmunity by using extreme phenotypes, next generation sequencing and whole exome capture. Autoimmunity Reviews, 2015, 14, 204-209.	5.8	29
14	DeepSNVMiner: a sequence analysis tool to detect emergent, rare mutations in subsets of cell populations. PeerJ, 2016, 4, e2074.	2.0	23
15	Reducing the search space for causal genetic variants with VASP. Bioinformatics, 2015, 31, 2377-2379.	4.1	17
16	Systemic lupus erythematosus: A new autoimmune disorder in Kabuki syndrome. European Journal of Medical Genetics, 2019, 62, 103538.	1.3	10
17	Machine Learning Improves Upon Clinicians' Prediction of End Stage Kidney Disease. Frontiers in Medicine, 2022, 9, 837232.	2.6	5
18	Expanding the clinical spectrum of pathogenic variation in NR2F2: Asplenia. European Journal of Medical Genetics, 2021, 64, 104347.	1.3	4

#	Article	IF	Citations
19	Detecting Causal Variants in Mendelian Disorders Using Whole-Genome Sequencing. Methods in Molecular Biology, 2021, 2243, 1-25.	0.9	3
20	A Point Mutation in IKAROS ZF1 Causes a B Cell Deficiency in Mice. Journal of Immunology, 2021, 206, 1505-1514.	0.8	2
21	Efficacy of computational predictions of the functional effect of idiosyncratic pharmacogenetic variants. PeerJ, 2021, 9, e11774.	2.0	2
22	Increased burden of rare variants in genes of the endosomal Toll-like receptor pathway in patients with systemic lupus erythematosus. Lupus, 2021, 30, 1756-1763.	1.6	2
23	Deletions in VANGL1 are a risk factor for antibody-mediated kidney disease. Cell Reports Medicine, 2021, 2, 100475.	6.5	2
24	StabilitySort: assessment of protein stability changes on a genome-wide scale to prioritize potentially pathogenic genetic variation. Bioinformatics, 2022, 38, 4220-4222.	4.1	2
25	Genomic test ends a long diagnostic odyssey in a patient with resistance to thyroid hormones. Thyroid Research, 2019, 12, 7.	1.5	1