Andrew J Oler

List of Publications by Year
in descending order

36 papers	6,701 citations	236925 25 h-index	330143 37 g-index
38 all docs	38 docs citations	38 times ranked	13939 citing authors

#	Article	IF	Citations
1	Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,983
2	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,749
3	Genome-wide RNA-seq analysis of human and mouse platelet transcriptomes. Blood, 2011, 118, e101-e111.	1.4	484
4	Elevated basal serum tryptase identifies a multisystem disorder associated with increased TPSAB1 copy number. Nature Genetics, 2016, 48, 1564-1569.	21.4	279
5	The Transcription Factor T-bet Is Induced by Multiple Pathways and Prevents an Endogenous Th2 Cell Program during Th1 Cell Responses. Immunity, 2012, 37, 660-673.	14.3	269
6	Human RNA polymerase III transcriptomes and relationships to Pol II promoter chromatin and enhancer-binding factors. Nature Structural and Molecular Biology, 2010, 17, 620-628.	8.2	234
7	Immunopathological signatures in multisystem inflammatory syndrome in children and pediatric COVID-19. Nature Medicine, 2022, 28, 1050-1062.	30.7	144
8	Distinct interferon signatures and cytokine patterns define additional systemic autoinflammatory diseases. Journal of Clinical Investigation, 2020, 130, 1669-1682.	8.2	142
9	Pulmonary Nontuberculous Mycobacterial Infection. A Multisystem, Multigenic Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 618-628.	5.6	136
10	Recurrent rhinovirus infections in a child with inherited MDA5 deficiency. Journal of Experimental Medicine, 2017, 214, 1949-1972.	8.5	117
11	Hypomorphic caspase activation and recruitment domain 11 (CARD11) mutations associated with diverse immunologic phenotypes with or without atopic disease. Journal of Allergy and Clinical Immunology, 2019, 143, 1482-1495.	2.9	116
12	Development of an Analysis Pipeline Characterizing Multiple Hypervariable Regions of 16S rRNA Using Mock Samples. PLoS ONE, 2016, 11, e0148047.	2.5	102
13	Nephele: a cloud platform for simplified, standardized and reproducible microbiome data analysis. Bioinformatics, 2018, 34, 1411-1413.	4.1	99
14	Unipro UGENE NGS pipelines and components for variant calling, RNA-seq and ChIP-seq data analyses. PeerJ, 2014, 2, e644.	2.0	95
15	SINE transcription by RNA polymerase III is suppressed by histone methylation but not by DNA methylation. Nature Communications, 2015, 6, 6569.	12.8	80
16	Loss-of-function CARD8 mutation causes NLRP3 inflammasome activation and Crohnâ€™s disease. Journal of Clinical Investigation, 2018, 128, 1793-1806.	8.2	72
17	HEM1 deficiency disrupts mTORC2 and F-actin control in inherited immunodysregulatory disease. Science, 2020, 369, 202-207.	12.6	65
18	Extended clinical and immunological phenotype and transplant outcome in CD27 and CD70 deficiency. Blood, 2020, 136, 2638-2655.	1.4	64

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19	Influenza A virus hemagglutinin glycosylation compensates for antibody escape fitness costs. PLoS Pathogens, 2018, 14, e1006796.	4.7	59
20	Magnesium transporter 1 (MAGT1) deficiency causes selective defects in N-linked glycosylation and expression of immune-response genes. Journal of Biological Chemistry, 2019, 294, 13638-13656.	3.4	57
21	Strand-Specific Dual RNA Sequencing of Bronchial Epithelial Cells Infected with Influenza A/H3N2 Viruses Reveals Splicing of Gene Segment 6 and Novel Host-Virus Interactions. Journal of Virology, 2018, 92, .	3.4	51
22	Whole-Genome Sequencing of Mycobacterium tuberculosis Provides Insight into the Evolution and Genetic Composition of Drug-Resistant Tuberculosis in Belarus. Journal of Clinical Microbiology, 2017, 55, 457-469.	3.9	47
23	Bcl11b, a novel GATA3-interacting protein, suppresses Th1 while limiting Th2 cell differentiation. Journal of Experimental Medicine, 2018, 215, 1449-1462.	8.5	41
24	PP4 dephosphorylates Maf1 to couple multiple stress conditions to RNA polymerase III repression. EMBO Journal, 2012, 31, 1440-1452.	7.8	39
25	Co-Expression of VEGF and IL-6 Family Cytokines is Associated with Decreased Survival in HER2 Negative Breast Cancer Patients: Subtype-Specific IL-6 Family Cytokine-Mediated VEGF Secretion. Translational Oncology, 2019, 12, 245-255.	3.7	36
26	Alu expression in human cell lines and their retrotranspositional potential. Mobile DNA, 2012, 3, 11.	3.6	21
27	Global selective sweep of a highly inbred genome of the cattle parasite Neospora caninum. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22764-22773.	7.1	20
28	Genome-wide association study in patients with pulmonary Mycobacterium avium complex disease. European Respiratory Journal, 2021, 58, 1902269.	6.7	16
29	Prospective study of DNA methylation at chromosome 8q24 in peripheral blood and prostate cancer risk. British Journal of Cancer, 2017, 116, 1470-1479.	6.4	15
30	Recombinant Origins of Pathogenic and Nonpathogenic Mouse Gammaretroviruses with Polytropic Host Range. Journal of Virology, 2017, 91, .	3.4	14
31	DNA Methylation Levels at Chromosome 8q24 in Peripheral Blood Are Associated with 8q24 Cancer Susceptibility Loci. Cancer Prevention Research, 2014, 7, 1282-1292.	1.5	13
32	Sequence Diversity, Intersubgroup Relationships, and Origins of the Mouse Leukemia Gammaretroviruses of Laboratory and Wild Mice. Journal of Virology, 2016, 90, 4186-4198.	3.4	13
33	Selective repression of SINE transcription by RNA polymerase III. Mobile Genetic Elements, 2015, 5, 86-91.	1.8	7
34	Patterns of Coevolutionary Adaptations across Time and Space in Mouse Gammaretroviruses and Three Restrictive Host Factors. Viruses, 2021, 13, 1864.	3.3	5
35	Congenital iRHOM2 deficiency causes ADAM17 dysfunction and environmentally directed immunodysregulatory disease. Nature Immunology, 2022, 23, 75-85.	14.5	3
36	PhenoRerank: A re-ranking model for phenotypic concept recognition pre-trained on human phenotype ontology. Journal of Biomedical Informatics, 2022, 129, 104059.	4.3	2