

# Aaron Chuah

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

784  
citations

471509

17  
h-index

526287

27  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2035  
citing authors

#	ARTICLE	IF	CITATIONS
1	APOE*E2 allele delays age of onset in PSEN1 E280A Alzheimer's disease. <i>Molecular Psychiatry</i> , 2016, 21, 916-924.	7.9	89
2	Functional rare and low frequency variants in BLK and BANK1 contribute to human lupus. <i>Nature Communications</i> , 2019, 10, 2201.	12.8	73
3	The PHF21B gene is associated with major depression and modulates the stress response. <i>Molecular Psychiatry</i> , 2017, 22, 1015-1025.	7.9	56
4	Small RNA changes en route to distinct cellular states of induced pluripotency. <i>Nature Communications</i> , 2014, 5, 5522.	12.8	54
5	T-dependent B cell responses to Plasmodium induce antibodies that form a high-avidity multivalent complex with the circumsporozoite protein. <i>PLoS Pathogens</i> , 2017, 13, e1006469.	4.7	49
6	Genome-wide SNPs reveal fine-scale differentiation among wingless alpine stonefly populations and introgression between winged and wingless forms. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 38-47.	2.3	48
7	Dichloroacetate Prevents Cisplatin-Induced Nephrotoxicity without Compromising Cisplatin Anticancer Properties. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3331-3344.	6.1	47
8	Evolution of Vertebrate Phototransduction: Cascade Activation. <i>Molecular Biology and Evolution</i> , 2016, 33, 2064-2087.	8.9	44
9	Tissue and cell-specific transcriptomes in cotton reveal the subtleties of gene regulation underlying the diversity of plant secondary cell walls. <i>BMC Genomics</i> , 2017, 18, 539.	2.8	38
10	Novel and rare functional genomic variants in multiple autoimmune syndrome and Sjögren's syndrome. <i>Journal of Translational Medicine</i> , 2015, 13, 173.	4.4	30
11	Population and phylogenomic decomposition via genotyping-by-sequencing in Australian <i>Pelargonium</i> . <i>Molecular Ecology</i> , 2016, 25, 2000-2014.	3.9	25
12	The importance of replicating genomic analyses to verify phylogenetic signal for recently evolved lineages. <i>Molecular Ecology</i> , 2016, 25, 3683-3695.	3.9	24
13	Isolation by distance and isolation by environment contribute to population differentiation in <i>Protea repens</i> (Proteaceae L.), a widespread South African species. <i>American Journal of Botany</i> , 2017, 104, 674-684.	1.7	21
14	A format for databasing and comparison of AFLP fingerprint profiles. <i>BMC Bioinformatics</i> , 2003, 4, 7.	2.6	20
15	Visual Opsin Diversity in Sharks and Rays. <i>Molecular Biology and Evolution</i> , 2020, 37, 811-827.	8.9	20
16	Whole Exome Sequencing of Extreme Morbid Obesity Patients: Translational Implications for Obesity and Related Disorders. <i>Genes</i> , 2014, 5, 709-725.	2.4	19
17	Transcriptome Sequencing of Two Phenotypic Mosaic Eucalyptus Trees Reveals Large Scale Transcriptome Re-Modelling. <i>PLoS ONE</i> , 2015, 10, e0123226.	2.5	18
18	Systems-guided forward genetic screen reveals a critical role of the replication stress response protein ETAA1 in T cell clonal expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5216-E5225.	7.1	18

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19	Species trees from consensus single nucleotide polymorphism (SNP) data: Testing phylogenetic approaches with simulated and empirical data. <i>Molecular Phylogenetics and Evolution</i> , 2017, 116, 192-201.	2.7	16
20	Transcriptome Profiling of <i>Melaleuca quinquenervia</i> Challenged by Myrtle Rust Reveals Differences in Defense Responses Among Resistant Individuals. <i>Phytopathology</i> , 2018, 108, 495-509.	2.2	16
21	FluoMEP: A new genotyping method combining the advantages of randomly amplified polymorphic DNA and amplified fragment length polymorphism. <i>Electrophoresis</i> , 2007, 28, 525-534.	2.4	14
22	Evolution of the shut-off steps of vertebrate phototransduction. <i>Open Biology</i> , 2018, 8, 170232.	3.6	10
23	Genotyping of whole genome amplified reduced representation libraries reveals a cryptic population of <i>Culicoides brevitarsis</i> in the Northern Territory, Australia. <i>BMC Genomics</i> , 2016, 17, 769.	2.8	9
24	Dynamic Interplay of Innate and Adaptive Immunity During Sterile Retinal Inflammation: Insights From the Transcriptome. <i>Frontiers in Immunology</i> , 2018, 9, 1666.	4.8	8
25	Recurrent miscalling of missense variation from short-read genome sequence data. <i>BMC Genomics</i> , 2019, 20, 546.	2.8	8
26	Machine Learning Improves Upon Clinicians' Prediction of End Stage Kidney Disease. <i>Frontiers in Medicine</i> , 2022, 9, 837232.	2.6	5
27	Increased burden of rare variants in genes of the endosomal Toll-like receptor pathway in patients with systemic lupus erythematosus. <i>Lupus</i> , 2021, 30, 1756-1763.	1.6	2
28	StabilitySort: assessment of protein stability changes on a genome-wide scale to prioritize potentially pathogenic genetic variation. <i>Bioinformatics</i> , 2022, 38, 4220-4222.	4.1	2
29	Cross validation of pooling/resampling GWAS using the WTCCC data. <i>Molecular Biology and Genetic Engineering</i> , 2015, 3, 1.	0.8	0
30	Projecting Movement, Union, Synergy, Interplay and Cultural-collaboration Across the Silk Road (and Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.54	0