# Philip Awadalla

List of Publications by Year
in descending order



| 39 | 4,118 | 279798 | 302126 |
|---|---|---|---|
| papers | citations | 23 h-index | 39 g-index |

| 40 | 40 | 40 | 8673 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Normal sex and age-specific parameters in a multi-ethnic population: a cardiovascular magnetic resonance study of the Canadian Alliance for Healthy Hearts and Minds cohort. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 2. | 3.3 | 17 |
| 2 | Building knowledge, optimising physical and mental health and setting up healthier life trajectories in South African women (Bukhali): a preconception randomised control trial part of the Healthy Life Trajectories Initiative (HeLTI). BMJ Open, 2022, 12, e059914. | 1.9 | 17 |
| 3 | Inferring ongoing cancer evolution from single tumour biopsies using synthetic supervised learning. PLoS Computational Biology, 2022, 18, e1010007. | 3.2 | 2 |
| 4 | Recombination affects allele-specific expression of deleterious variants in human populations. Science Advances, 2022, 8, eabl3819. | 10.3 | 3 |
| 5 | Diabetes, Brain Infarcts, Cognition, and Small Vessels in the Canadian Alliance for Healthy Hearts and Minds Study. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e891-e898. | 3.6 | 11 |
| 6 | Score tests for scale effects, with application toÂgenomic analysis. Statistics in Medicine, 2021, 40, 3808-3822. | 1.6 | 0 |
| 7 | Polygenic risk scores predict diabetes complications and their response to intensive blood pressure and glucose control. Diabetologia, 2021, 64, 2012-2025. | 6.3 | 24 |
| 8 | Interacting evolutionary pressures drive mutation dynamics and health outcomes in aging blood. Nature Communications, 2021, 12, 4921. | 12.8 | 11 |
| 9 | Effect of Cognitive Reserve on the Association of Vascular Brain Injury With Cognition. Neurology, 2021, 97, e1707-e1716. | 1.1 | 13 |
| 10 | Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. Nature Genetics, 2021, 53, 1300-1310. | 21.4 | 590 |
| 11 | Clonal hematopoiesis is associated with risk of severe Covid-19. Nature Communications, 2021, 12, 5975. | 12.8 | 81 |
| 12 | The Canadian Alliance for Healthy Hearts and Minds: How Well Does It Reflect the Canadian Population?. CJC Open, 2020, 2, 599-609. | 1.5 | 1 |
| 13 | Reduced Cognitive Assessment Scores Among Individuals With Magnetic Resonance Imagingâ€“Detected Vascular Brain Injury. Stroke, 2020, 51, 1158-1165. | 2.0 | 9 |
| 14 | Gene-by-environment interactions in urban populations modulate risk phenotypes. Nature Communications, 2018, 9, 827. | 12.8 | 84 |
| 15 | Relaxed Selection During a Recent Human Expansion. Genetics, 2018, 208, 763-777. | 2.9 | 49 |
| 16 | Aberrant PRDM9 expression impacts the pan-cancer genomic landscape. Genome Research, 2018, 28, 1611-1620. | 5.5 | 27 |
| 17 | Prediction of acute myeloid leukaemia risk in healthy individuals. Nature, 2018, 559, 400-404. | 27.8 | 617 |
| 18 | The Canadian Partnership for Tomorrow Project: a pan-Canadian platform for research on chronic disease prevention. Cmaj, 2018, 190, E710-E717. | 2.0 | 71 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The impact of recombination on human mutation load and disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160465. | 4.0 | 31 |
| 20 | A haplotype-based normalization technique for the analysis and detection of allele specific expression. BMC Bioinformatics, 2016, 17, 364. | 2.6 | 7 |
| 21 | Impact of the X Chromosome and sex on regulatory variation. Genome Research, 2016, 26, 768-777. | 5.5 | 88 |
| 22 | ARMC5 mutations in a large French-Canadian family with cortisol-secreting Î²-adrenergic/vasopressin responsive bilateral macronodular adrenal hyperplasia. European Journal of Endocrinology, 2016, 174, 85-96. | 3.7 | 55 |
| 23 | Gain-of-function missense variant in SLC12A2, encoding the bumetanide-sensitive NKCC1 cotransporter, identified in human schizophrenia. Journal of Psychiatric Research, 2016, 77, 22-26. | 3.1 | 40 |
| 24 | Clinical, Genetic, and Urinary Factors Associated with Uromodulin Excretion. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 62-69. | 4.5 | 33 |
| 25 | Replication study of MATR3 in familial and sporadic amyotrophic lateral sclerosis. Neurobiology of Aging, 2016, 37, 209.e17-209.e21. | 3.1 | 53 |
| 26 | Aortic Dilatation Associated With a De Novo Mutation inÂtheÂSOX18 Gene: Expanding the Clinical Spectrum ofÂHypotrichosis-Lymphedema-Telangiectasia Syndrome. Canadian Journal of Cardiology, 2016, 32, 135.e1-135.e7. | 1.7 | 19 |
| 27 | Recombination affects accumulation of damaging and disease-associated mutations in human populations. Nature Genetics, 2015, 47, 400-404. | 21.4 | 84 |
| 28 | Genomic architecture of sickle cell disease in West African children. Frontiers in Genetics, 2014, 5, 26. | 2.3 | 11 |
| 29 | High-Resolution Genomic Analysis of Human Mitochondrial RNA Sequence Variation. Science, 2014, 344, 413-415. | 12.6 | 90 |
| 30 | Genetically encoded impairment of neuronal <scp>KCC</scp> 2 cotransporter function in human idiopathic generalized epilepsy. EMBO Reports, 2014, 15, 766-774. | 4.5 | 163 |
| 31 | Rare allelic forms of PRDM9 associated with childhood leukemogenesis. Genome Research, 2013, 23, 419-430. | 5.5 | 45 |
| 32 | Whole-Exome Sequencing Reveals a Rapid Change in the Frequency of Rare Functional Variants in a Founding Population of Humans. PLoS Genetics, 2013, 9, e1003815. | 3.5 | 70 |
| 33 | Cohort profile of the CARTaGENE study: Quebecâ€™s population-based biobank for public health and personalized genomics. International Journal of Epidemiology, 2013, 42, 1285-1299. | 1.9 | 172 |
| 34 | Evidence for additive and interaction effects of host genotype and infection in malaria. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16786-16793. | 7.1 | 89 |
| 35 | Exploiting Gene Expression Variation to Capture Gene-Environment Interactions for Disease. Frontiers in Genetics, 2012, 3, 228. | 2.3 | 21 |
| 36 | Variation in genome-wide mutation rates within and between human families. Nature Genetics, 2011, 43, 712-714. | 21.4 | 525 |

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|---|---|---|---|
| 37 | Age-Dependent Recombination Rates in Human Pedigrees. PLoS Genetics, 2011, 7, e1002251. | 3.5 | 48 |
| 38 | Direct Measure of the De Novo Mutation Rate in Autism and Schizophrenia Cohorts. American Journal of Human Genetics, 2010, 87, 316-324. | 6.2 | 222 |
| 39 | A Coalescent-Based Method for Detecting and Estimating Recombination From Gene Sequences. Genetics, 2002, 160, 1231-1241. | 2.9 | 624 |