William J Astle

List of Publications by Year
in descending order

25 papers	4,732 citations	331670 21 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	12133 citing authors

#	Article	IF	Citations
1	G protein–coupled receptor kinase 5 regulates thrombin signaling in platelets via PAR-1. Blood Advances, 2022, 6, 2319-2330.	5.2	8
2	Advances in understanding the pathogenesis of hereditary macrothrombocytopenia. British Journal of Haematology, 2021, 195, 25-45.	2.5	9
3	Familial pseudohyperkalemia induces significantly higher levels of extracellular potassium in early storage of red cell concentrates without affecting other standard measures of quality: A case control and allele frequency study. Transfusion, 2021, 61, 2439-2449.	1.6	9
4	The Polygenic and Monogenic Basis of Blood Traits and Diseases. Cell, 2020, 182, 1214-1231.e11.	28.9	388
5	Development and validation of a universal blood donor genotyping platform: a multinational prospective study. Blood Advances, 2020, 4, 3495-3506.	5.2	31
6	Novel manifestations of immune dysregulation and granule defects in gray platelet syndrome. Blood, 2020, 136, 1956-1967.	1.4	34
7	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. Cell, 2020, 182, 1198-1213.e14.	28.9	353
8	Whole-genome sequencing of patients with rare diseases in a national health system. Nature, 2020, 583, 96-102.	27.8	338
9	Genome-wide association study of eosinophilic granulomatosis with polyangiitis reveals genomic loci stratified by ANCA status. Nature Communications, 2019, 10, 5120.	12.8	160
10	Risk thresholds for alcohol consumption: combined analysis of individual-participant data for 599′912 current drinkers in 83 prospective studies. Lancet, The, 2018, 391, 1513-1523.	13.7	858
11	Nbeal2 interacts with Dock7, Sec16a, and Vac14. Blood, 2018, 131, 1000-1011.	1.4	29
12	Rare variants in GP1BB are responsible for autosomal dominant macrothrombocytopenia. Blood, 2017, 129, 520-524.	1.4	42
13	Platelet function is modified by common sequence variation in megakaryocyte super enhancers. Nature Communications, 2017, 8, 16058.	12.8	50
14	Mutations in tropomyosin 4 underlie a rare form of human macrothrombocytopenia. Journal of Clinical Investigation, 2017, 127, 814-829.	8.2	57
15	SNP in human ARHGEF3 promoter is associated with DNase hypersensitivity, transcript level and platelet function, and Arhgef3 KO mice have increased mean platelet volume. PLoS ONE, 2017, 12, e0178095.	2.5	20
16	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. Nature Genetics, 2016, 48, 1303-1312.	21.4	66
17	A gain-of-function variant in DIAPH1 causes dominant macrothrombocytopenia and hearing loss. Blood, 2016, 127, 2903-2914.	1.4	121
18	The Allelic Landscape of Human Blood Cell Trait Variation and Links to Common Complex Disease. Cell, 2016, 167, 1415-1429.e19.	28.9	1,052

#	Article	IF	Citations
19	Flexible analysis of RNA-seq data using mixed effects models. Bioinformatics, 2014, 30, 180-188.	4.1	73
20	Transcriptional diversity during lineage commitment of human blood progenitors. Science, 2014, 345, 1251033.	12.6	253
21	Bayesian deconvolution and quantification of metabolites in complex 1D NMR spectra using BATMAN. Nature Protocols, 2014, 9, 1416-1427.	12.0	167
22	The relationship between DXA-based and anthropometric measures of visceral fat and morbidity in women. BMC Cardiovascular Disorders, 2013, 13, 25.	1.7	50
23	BATMANâ€"an R package for the automated quantification of metabolites from nuclear magnetic resonance spectra using a Bayesian model. Bioinformatics, 2012, 28, 2088-2090.	4.1	142
24	A Bayesian Model of NMR Spectra for the Deconvolution and Quantification of Metabolites in Complex Biological Mixtures. Journal of the American Statistical Association, 2012, 107, 1259-1271.	3.1	41
25	Population Structure and Cryptic Relatedness in Genetic Association Studies. Statistical Science, 2009, 24, .	2.8	372