John J Farrell

List of Publications by Year in descending order

47 papers	1,101 citations	623734 14 h-index	454955 30 g-index
54 all docs	54 docs citations	54 times ranked	2740 citing authors

#	Article	IF	Citations
1	A robust benchmark for detection of germline large deletions and insertions. Nature Biotechnology, 2020, 38, 1347-1355.	17.5	233
2	Whole exome sequencing study identifies novel rare and common Alzheimerâ€™s-Associated variants involved in immune response and transcriptional regulation. Molecular Psychiatry, 2020, 25, 1859-1875.	7.9	191
3	A 3-bp deletion in the HBS1L-MYB intergenic region on chromosome 6q23 is associated with HbF expression. Blood, 2011, 117, 4935-4945.	1.4	116
4	Two rare AKAP9 variants are associated with Alzheimer's disease in African Americans. Alzheimer's and Dementia, 2014, 10, 609.	0.8	94
5	Association of Rare Coding Mutations With Alzheimer Disease and Other Dementias Among Adults of European Ancestry. JAMA Network Open, 2019, 2, e191350.	5.9	58
6	A search for age-related macular degeneration risk variants in Alzheimer disease genes and pathways. Neurobiology of Aging, 2014, 35, 1510.e7-1510.e18.	3.1	53
7	A long noncoding RNA from the HBS1L-MYB intergenic region on chr6q23 regulates human fetal hemoglobin expression. Blood Cells, Molecules, and Diseases, 2018, 69, 1-9.	1.4	45
8	APOE Promoter Polymorphism-219T/G is an Effect Modifier of the Influence of APOE Îµ4 on Alzheimerâ€™s Disease Risk in a Multiracial Sample. Journal of Clinical Medicine, 2019, 8, 1236.	2.4	40
9	A rare missense variant of CASP7 is associated with familial lateâ€onset Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 441-452.	0.8	39
10	A phased SNP-based classification of sickle cell anemia HBB haplotypes. BMC Genomics, 2017, 18, 608.	2.8	31
11	Cell-type-specific expression quantitative trait loci associated with Alzheimer disease in blood and brain tissue. Translational Psychiatry, 2021, 11, 250.	4.8	29
12	Targeted Sequencing of Alzheimer Disease Genes in African Americans Implicates Novel Risk Variants. Frontiers in Neuroscience, 2018, 12, 592.	2.8	24
13	Gene-Gene Interactions and the Pathophysiology of Sickle Cell Disease: Modeling the Effects of SNPs on Sickle Cell-Associated Vasoocclusive Events Using Classification and Regression Trees and Stochastic Gradient Boosting.. Blood, 2005, 106, 3183-3183.	1.4	18
14	A candidate transacting modulator of fetal hemoglobin gene expression in the Arabâ€”Indian haplotype of sickle cell anemia. American Journal of Hematology, 2016, 91, 1118-1122.	4.1	16
15	Homozygosity for a haplotype in the HBG2â€OR51B4 region is exclusive to Arabâ€Indian haplotype sickle cell anemia. American Journal of Hematology, 2016, 91, E308-11.	4.1	13
16	Variants of ZBTB7A (LRF) and its Î²-globin gene cluster binding motifs in sickle cell anemia. Blood Cells, Molecules, and Diseases, 2016, 59, 49-51.	1.4	11
17	BCL2L1 is associated with Î³-globin gene expression. Blood Advances, 2019, 3, 2995-3001.	5.2	11
18	Genetic determinants of HbF in Saudi Arabian and African Benin haplotype sickle cell anemia. American Journal of Hematology, 2017, 92, E555-E557.	4.1	10

#	Article	IF	Citations
19	Association of mitochondrial variants and haplogroups identified by whole exome sequencing with Alzheimer's disease. Alzheimer's and Dementia, 2021, , .	0.8	9
20	The association of HBG2 , BCL11A, and HMIP polymorphisms with fetal hemoglobin and clinical phenotype in Iraqi Kurds with sickle cell disease. International Journal of Laboratory Hematology, 2019, 41, 87-93.	1.3	6
21	Set-Based Rare Variant Expression Quantitative Trait Loci in Blood and Brain from Alzheimer Disease Study Participants. Genes, 2021, 12, 419.	2.4	6
22	Genetic Polymorphisms Associated with Fetal Hemoglobin Response to Hydroxyurea in Patients with Sickle Cell Anemia.. Blood, 2004, 104, 108-108.	1.4	6
23	An association test of the spatial distribution of rare missense variants within protein structures identifies Alzheimer's diseaseâ€“related patterns. Genome Research, 2022, 32, 778-790.	5.5	5
24	The genetic basis of asymptomatic codon 8 frameâ€shift (<scp>HBB</scp>:c25_26del<scp>AA</scp>) Î²⁰â€thalassaemia homozygotes. British Journal of Haematology, 2016, 172, 958-965.	2.5	4
25	PopCluster: an algorithm to identify genetic variants with ethnicity-dependent effects. Bioinformatics, 2019, 35, 3046-3054.	4.1	3
26	Association of Single Nucleotide Polymorphisms in Klotho with Priapism in Sickle Cell Anemia.. Blood, 2004, 104, 1673-1673.	1.4	2
27	Co-Inheritance of Delta Thalassemia Might Contribute to the High Fetal Hemoglobin in Sickle Cell Anemia Patients with the Saudi-Indian Haplotype. Blood, 2011, 118, 1056-1056.	1.4	1
28	Leg Ulcers in Sickle Cell Anemia Are Associated with Laboratory Markers of Hemolysis and SNPs in KL and Genes of the TGF-Î²/BMP Pathway.. Blood, 2005, 106, 2317-2317.	1.4	1
29	A 3-Bp Deletion Between Transcription Factor Binding Motifs In the HBS1L-MYB Intergenic Region on Chromosome 6q23 Is Associated with HbF Expression. Blood, 2010, 116, 1013-1013.	1.4	1
30	The Evolutionary Impact Of Malaria On The Saudi Arabian Genome. Blood, 2013, 122, 1001-1001.	1.4	1
31	Response of Patients with Transfusion-Dependent Î²-Thalassemia (TDT) to Betibeglogene Autotemcel (beti-cel; LentiGlobin for Î²-Thalassemia) Gene Therapy Based on HBB Genotype and Disease Genetic Modifiers. Blood, 2020, 136, 1-3.	1.4	1
32	O3-01-01: Two rare AKAP9 missense variants are associated with Alzheimer's disease in African-Americans. , 2013, 9, P516-P517.		0
33	[O2â€“08â€“04]: NOVEL GENETIC VARIANTS ASSOCIATED WITH FAMILIAL LATEâ€ONSET ALZHEIMER DISEASE IN THE ALZHEIMER's DISEASE SEQUENCING PROJECT. Alzheimer's and Dementia, 2017, 13, P572.	0.8	0
34	[P3â€“090]: THE ALZHEIMER's DISEASE SEQUENCING PROJECT (ADSP) DATA UPDATE 2017. Alzheimer's and Dementia, 2017, 13, P968.	0.8	0
35	A variant Sp1 (R218Q) transcription factor might enhance HbF expression in Î²⁰â€thalassaemia homozygotes. British Journal of Haematology, 2018, 180, 755-757.	2.5	0
36	P2â€125: TARGETED SEQUENCING OF AFRICAN AMERICAN ALZHEIMER'S DISEASE RISK GENES IMPLICATES SEVERAL POTENTIAL AD RISK VARIANTS. Alzheimer's and Dementia, 2018, 14, P716.	0.8	0

#	Article	IF	Citations
37	P1â€149: THE ALZHEIMER'S DISEASE SEQUENCING PROJECT (ADSP) DATA UPDATE 2018. Alzheimer's and Dementia, 2018, 14, P333.	0.8	0
38	P3â€108: IDENTIFICATION OF MITOCHONDRIAL VARIANTS ASSOCIATED WITH LATEâ€ONSET ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1108.	0.8	0
39	O3â€13â€01: HIGHLY PENETRANT LATEâ€ONSET ALZHEIMER DISEASE VARIANTS IN NOTCH3 IN ASHKENAZI JEWS. Alzheimer's and Dementia, 2019, 15, P918.	0.8	0
40	Alzheimerâ€™s disease risk factor mutations in patients diagnosed with Creutzfeltâ€Jakob disease. Alzheimer's and Dementia, 2020, 16, e045035.	0.8	0
41	Genomeâ€wide interaction study of smoking in Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e046149.	0.8	0
42	Polymorphisms (Snps) in Multiple Genes of the Tgf-ÃŸ/Bmp Pathway Are Associated with a Global Measure of Sickle Cell Disease Severity.. Blood, 2005, 106, 74-74.	1.4	0
43	Association of Polymorphisms of the Transforming Growth Factor-Î²/Bone Morphogenetic Protein (TGF-Î²/BMP) Pathway with Sickle Cell Bacteremia.. Blood, 2005, 106, 3170-3170.	1.4	0
44	BCL11A enhancer Haplotypes Are Associated with the Distribution of HbF in Arab-Indian and African Haplotype Sickle Cell Anemia but Not the Different Population Levels of HbF. Blood, 2014, 124, 4066-4066.	1.4	0
45	Polymorphisms Associated with the Arab-Indian Haplotype of Sickle Cell Anemia Are Candidate Fetal Hemoglobin Gene Modulators. Blood, 2015, 126, 3388-3388.	1.4	0
46	A Candidate Trans-Acting Modulator of Fetal Hemoglobin Gene Expression in the Arab-Indian Haplotype of Sickle Cell Anemia. Blood, 2015, 126, 409-409.	1.4	0
47	Multiple viruses detected in human DNA are associated with Alzheimer disease risk.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e054585.	0.8	0