Heidi G Sutherland

List of Publications by Year
in descending order

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65 papers	4,322 citations	257450 24 h-index	123424 61 g-index
65 all docs	65 docs citations	65 times ranked	6334 citing authors

#	Article	IF	Citations
1	Association of polymorphisms in ARRB2 and clinical response to methadone for pain in advanced cancer. Pharmacogenomics, 2022, 23, 281-289.	1.3	2
2	Pedigree derived mutation rate across the entire mitochondrial genome of the Norfolk Island population. Scientific Reports, 2022, 12, 6827.	3.3	4
3	Investigation of Mitochondrial Related Variants in a Cerebral Small Vessel Disease Cohort. Molecular Neurobiology, 2022, 59, 5366-5378.	4.0	3
4	Exploring the Hereditary Nature of Migraine. Neuropsychiatric Disease and Treatment, 2021, Volume 17, 1183-1194.	2.2	25
5	A genome-wide methylation study of body fat traits in the Norfolk Island isolate. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1556-1563.	2.6	4
6	Using Monozygotic Twins to Dissect Common Genes in Posttraumatic Stress Disorder and Migraine. Frontiers in Neuroscience, 2021, 15, 678350.	2.8	10
7	Multi-phenotype genome-wide association studies of the Norfolk Island isolate implicate pleiotropic loci involved in chronic kidney disease. Scientific Reports, 2021, 11, 19425.	3.3	1
8	Epigenetic Regulation of miR-92a and TET2 and Their Association in Non-Hodgkin Lymphoma. Frontiers in Genetics, 2021, 12, 768913.	2.3	8
9	Discriminating head trauma outcomes using machine learning and genomics. Journal of Molecular Medicine, 2021, , 1.	3.9	0
10	Genetic variants associated with exercise performance in both moderately trained and highly trained individuals. Molecular Genetics and Genomics, 2020, 295, 515-523.	2.1	14
11	Comprehensive Exonic Sequencing of Hemiplegic Migraine-Related Genes in a Cohort of Suspected Probands Identifies Known and Potential Pathogenic Variants. Cells, 2020, 9, 2368.	4.1	17
12	Comprehensive Exonic Sequencing of Known Ataxia Genes in Episodic Ataxia. Biomedicines, 2020, 8, 134.	3.2	8
13	Tiered analysis of whole-exome sequencing for epilepsy diagnosis. Molecular Genetics and Genomics, 2020, 295, 751-763.	2.1	13
14	Exploring Neuronal Vulnerability to Head Trauma Using a Whole Exome Approach. Journal of Neurotrauma, 2020, 37, 1870-1879.	3.4	6
15	Ion torrent high throughput mitochondrial genome sequencing (HTMGS). PLoS ONE, 2019, 14, e0224847.	2.5	11
16	Advances in genetics of migraine. Journal of Headache and Pain, 2019, 20, 72.	6.0	136
17	Single Nucleotide Polymorphisms in MIR143 Contribute to Protection Against Non-Hodgkin Lymphoma (NHL) in Caucasian Populations. Genes, 2019, 10, 185.	2.4	9
18	Targeted next generation sequencing identifies a genetic spectrum of DNA variants in patients with hemiplegic migraine. Cephalalgia Reports, 2019, 2, 251581631988163.	0.7	8

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19	The NRP1 migraine risk variant shows evidence of association with menstrual migraine. Journal of Headache and Pain, 2018, 19, 31.	6.0	19
20	Whole-Exome Sequencing Implicates SCN2A in Episodic Ataxia, but Multiple Ion Channel Variants May Contribute to Phenotypic Complexity. International Journal of Molecular Sciences, 2018, 19, 3113.	4.1	9
21	Next Generation Sequencing Methods for Diagnosis of Epilepsy Syndromes. Frontiers in Genetics, 2018, 9, 20.	2.3	102
22	Exome Sequencing Diagnoses X-Linked Moesin-Associated Immunodeficiency in a Primary Immunodeficiency Case. Frontiers in Immunology, 2018, 9, 420.	4.8	24
23	Investigation of the CADM2 polymorphism rs17518584 in memory and executive functions measures in a cohort of young healthy individuals. Neurobiology of Learning and Memory, 2018, 155, 330-336.	1.9	1
24	Current Understanding of DNA Methylation and Age-related Disease. , 2018, 2, 1-1.		6
25	Investigation of polymorphisms in genes involved in estrogen metabolism in menstrual migraine. Gene, 2017, 607, 36-40.	2.2	15
26	Genetics of Migraine: Insights into the Molecular Basis of Migraine Disorders. Headache, 2017, 57, 537-569.	3.9	88
27	Geneâ€centric analysis implicates nuclear encoded mitochondrial protein gene variants in migraine susceptibility. Molecular Genetics & Genomic Medicine, 2017, 5, 157-163.	1.2	6
28	BDNF Variants May Modulate Long-Term Visual Memory Performance in a Healthy Cohort. International Journal of Molecular Sciences, 2017, 18, 655.	4.1	19
29	A CREB1 Gene Polymorphism (rs2253206) Is Associated with Prospective Memory in a Healthy Cohort. Frontiers in Behavioral Neuroscience, 2017, 11, 86.	2.0	7
30	Methylome-wide association study of whole blood DNA in the Norfolk Island isolate identifies robust loci associated with age. Aging, 2017, 9, 753-768.	3.1	27
31	Dysregulated MicroRNA Expression Profiles and Potential Cellular, Circulating and Polymorphic Biomarkers in Non-Hodgkin Lymphoma. Genes, 2016, 7, 130.	2.4	17
32	Methylenetetrahydrofolate Reductase CpG Islands: Epigenotyping. Journal of Clinical Laboratory Analysis, 2016, 30, 335-344.	2.1	5
33	Genetic and epigenetic variants in the MTHFR gene are not associated with non-Hodgkin lymphoma. Meta Gene, 2015, 6, 91-95.	0.6	8
34	A Potential Epigenetic Marker Mediating Serum Folate and Vitamin B₁₂Levels Contributes to the Risk of Ischemic Stroke. BioMed Research International, 2015, 2015, 1-4.	1.9	43
35	Case-control study of ADARB1 and ADARB2 gene variants in migraine. Journal of Headache and Pain, 2015, 16, 511.	6.0	6
36	Genetic association and gene expression studies suggest that genetic variants in the SYNE1 and TNF genes are related to menstrual migraine. Journal of Headache and Pain, 2014, 15, 62.	6.0	21

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37	Computational epigenetic profiling of CpG islets in MTHFR. Molecular Biology Reports, 2014, 41, 8285-8292.	2.3	13
38	Genetic Analysis of <scp>GRIA2</scp> and <scp>GRIA4</scp> Genes in Migraine. Headache, 2014, 54, 303-312.	3.9	8
39	Association Study of <scp>MTHFD</scp>1 Coding Polymorphisms <scp>R</scp>134<scp>K</scp> and <scp>R</scp>653<scp>Q</scp> With Migraine Susceptibility. Headache, 2014, 54, 1506-1514.	3.9	12
40	Psip1/Ledgf p75 restrainsHoxgene expression by recruiting both trithorax and polycomb group proteins. Nucleic Acids Research, 2014, 42, 9021-9032.	14.5	26
41	Investigation of Brainâ€Derived Neurotrophic Factor (<scp>BDNF</scp>) Gene Variants in Migraine. Headache, 2014, 54, 1184-1193.	3.9	26
42	Analysis of 3 common polymorphisms in the KCNK18 gene in an Australian Migraine Case-control cohort. Gene, 2013, 528, 343-346.	2.2	14
43	Association study of the calcitonin gene-related polypeptide-alpha (CALCA) and the receptor activity modifying 1 (RAMP1) genes with migraine. Gene, 2013, 515, 187-192.	2.2	24
44	BDNF and TNF-Î± polymorphisms in memory. Molecular Biology Reports, 2013, 40, 5483-5490.	2.3	27
45	Genetic Variation in Cytokine-Related Genes and Migraine Susceptibility. Twin Research and Human Genetics, 2013, 16, 1079-1086.	0.6	8
46	Studies on the Pathophysiology and Genetic Basis of Migraine. Current Genomics, 2013, 14, 300-315.	1.6	79
47	Psip1/Ledgf p52 Binds Methylated Histone H3K36 and Splicing Factors and Contributes to the Regulation of Alternative Splicing. PLoS Genetics, 2012, 8, e1002717.	3.5	296
48	KRAB zinc-finger proteins localise to novel KAP1-containing foci that are adjacent to PML nuclear bodies. Journal of Cell Science, 2009, 122, 937-946.	2.0	23
49	Transcription factories: gene expression in unions?. Nature Reviews Genetics, 2009, 10, 457-466.	16.3	336
50	Glucocorticoid receptor haploinsufficiency causes hypertension and attenuates hypothalamicâ€pituitaryâ€adrenal axis and blood pressure adaptions to highâ€fat diet. FASEB Journal, 2008, 22, 3896-3907.	0.5	46
51	G9a Histone Methyltransferase Contributes to Imprinting in the Mouse Placenta. Molecular and Cellular Biology, 2008, 28, 1104-1113.	2.3	172
52	Role of PSIP1/LEDGF/p75 in Lentiviral Infectivity and Integration Targeting. PLoS ONE, 2007, 2, e1340.	2.5	209
53	Disruption of Ledgf/Psip1 Results in Perinatal Mortality and HomeoticSkeletal Transformations. Molecular and Cellular Biology, 2006, 26, 7201-7210.	2.3	96
54	3D3/lyric: a novel transmembrane protein of the endoplasmic reticulum and nuclear envelope, which is also present in the nucleolus. Experimental Cell Research, 2004, 294, 94-105.	2.6	86

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55	Formation of facultative heterochromatin in the absence of HP1. EMBO Journal, 2003, 22, 5540-5550.	7.8	102
56	Mammalian PRP4 Kinase Copurifies and Interacts with Components of Both the U5 snRNP and the N-CoR Deacetylase Complexes. Molecular and Cellular Biology, 2002, 22, 5141-5156.	2.3	76
57	Addressing protein localization within the nucleus. EMBO Journal, 2002, 21, 1248-1254.	7.8	62
58	Epigenetic Effects on Transgene Expression. , 2001, 158, 351-368.		31
59	Large-scale identification of mammalian proteins localized to nuclear sub-compartments. Human Molecular Genetics, 2001, 10, 1995-2011.	2.9	108
60	Reactivation of heritably silenced gene expression in mice. Mammalian Genome, 2000, 11, 347-355.	2.2	72
61	Localization of a putative transcriptional regulator (ATRX) at pericentromeric heterochromatin and the short arms of acrocentric chromosomes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 13983-13988.	7.1	233
62	Epigenetic inheritance at the agouti locus in the mouse. Nature Genetics, 1999, 23, 314-318.	21.4	1,308
63	A Globin Enhancer Acts by Increasing the Proportion of Erythrocytes Expressing a Linked Transgene. Molecular and Cellular Biology, 1997, 17, 1607-1614.	2.3	75
64	Variegated Expression of a Globin Transgene Correlates with Chromatin Accessibility But Not Methylation Status. Nucleic Acids Research, 1996, 24, 4902-4909.	14.5	52
65	Evaluation of an ancestry prediction strategy for historical military remains using a World War II-era sample and pedigrees with family-level admixture. Australian Journal of Forensic Sciences, 0, , 1-18.	1.2	0