

Peter White

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

108
papers

21,974
citations

36
h-index

140
g-index

140
ext. papers

26,275
ext. citations

8
avg, IF

8.26
L-index

#	Paper	IF	Citations
108	Comprehensive molecular portraits of human breast tumours. <i>Nature</i> , 2012 , 490, 61-70	50.4	8025
107	Comprehensive molecular characterization of human colon and rectal cancer. <i>Nature</i> , 2012 , 487, 330-7	50.4	5640
106	Integrated genomic characterization of endometrial carcinoma. <i>Nature</i> , 2013 , 497, 67-73	50.4	2800
105	Genomic Classification of Cutaneous Melanoma. <i>Cell</i> , 2015 , 161, 1681-96	56.2	1807
104	The multifunctional properties and characteristics of vitamin D-binding protein. <i>Trends in Endocrinology and Metabolism</i> , 2000 , 11, 320-7	8.8	283
103	Establishment of intestinal identity and epithelial-mesenchymal signaling by Cdx2. <i>Developmental Cell</i> , 2009 , 16, 588-99	10.2	275
102	Control of pancreatic β cell regeneration by glucose metabolism. <i>Cell Metabolism</i> , 2011 , 13, 440-449	24.6	229
101	Pancreatic beta cells require NeuroD to achieve and maintain functional maturity. <i>Cell Metabolism</i> , 2010 , 11, 298-310	24.6	186
100	Hepatocyte-specific ablation of Foxa2 alters bile acid homeostasis and results in endoplasmic reticulum stress. <i>Nature Medicine</i> , 2008 , 14, 828-36	50.5	129
99	Expansion of adult beta-cell mass in response to increased metabolic demand is dependent on HNF-4alpha. <i>Genes and Development</i> , 2007 , 21, 756-69	12.6	129
98	The transcriptional response of the islet to pregnancy in mice. <i>Molecular Endocrinology</i> , 2009 , 23, 1702-12		121
97	Foxa1 and Foxa2 regulate bile duct development in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1537-45	15.9	105
96	ChIP-Seq and RNA-Seq reveal an AmrZ-mediated mechanism for cyclic di-GMP synthesis and biofilm development by <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2014 , 10, e1003984	7.6	103
95	Identification of transcriptional networks during liver regeneration. <i>Journal of Biological Chemistry</i> , 2005 , 280, 3715-22	5.4	96
94	Extracting transcription factor targets from ChIP-Seq data. <i>Nucleic Acids Research</i> , 2009 , 37, e113	20.1	92
93	An international effort towards developing standards for best practices in analysis, interpretation and reporting of clinical genome sequencing results in the CLARITY Challenge. <i>Genome Biology</i> , 2014 , 15, R53	18.3	86
92	Characterization of pancreatic transcription factor Pdx-1 binding sites using promoter microarray and serial analysis of chromatin occupancy. <i>Journal of Biological Chemistry</i> , 2007 , 282, 32084-92	5.4	85

91	EPEN-17. FAVORABLE OUTCOME TO INTENSIVE CHEMOTHERAPY WITHOUT IRRADIATION IN INFANTILE METASTATIC EPENDYMOMA WITH A NOVEL MOLECULAR PROFILE: A CASE REPORT. <i>Neuro-Oncology</i> , 2020 , 22, iii310-iii311	1	78
90	Churchill: an ultra-fast, deterministic, highly scalable and balanced parallelization strategy for the discovery of human genetic variation in clinical and population-scale genomics. <i>Genome Biology</i> , 2015 , 16, 6	18.3	76
89	CRTC2 (TORC2) contributes to the transcriptional response to fasting in the liver but is not required for the maintenance of glucose homeostasis. <i>Cell Metabolism</i> , 2009 , 10, 55-62	24.6	75
88	Phosphatidylinositol 3-kinase (PI3K) signaling via glycogen synthase kinase-3 (Gsk-3) regulates DNA methylation of imprinted loci. <i>Journal of Biological Chemistry</i> , 2010 , 285, 41337-47	5.4	71
87	The nucleosome map of the mammalian liver. <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 742-6	17.6	69
86	EF-P dependent pauses integrate proximal and distal signals during translation. <i>PLoS Genetics</i> , 2014 , 10, e1004553	6	67
85	Foxa2 controls vesicle docking and insulin secretion in mature Beta cells. <i>Cell Metabolism</i> , 2007 , 6, 267-72	24.6	66
84	Defining pancreatic endocrine precursors and their descendants. <i>Diabetes</i> , 2008 , 57, 654-68	0.9	61
83	Nutritional regulation of growth hormone receptor gene expression. <i>FASEB Journal</i> , 1994 , 8, 81-8	0.9	59
82	129X1/SvJ mouse strain has a novel defect in inflammatory cell recruitment. <i>Journal of Immunology</i> , 2002 , 168, 869-74	5.3	58
81	Distinct proliferative and transcriptional effects of the D-type cyclins in vivo. <i>Cell Cycle</i> , 2008 , 7, 2215-24	4.7	57
80	Functional genomics of the beta-cell: short-chain 3-hydroxyacyl-coenzyme A dehydrogenase regulates insulin secretion independent of K ⁺ currents. <i>Molecular Endocrinology</i> , 2007 , 21, 765-73		46
79	Fructose-asparagine is a primary nutrient during growth of Salmonella in the inflamed intestine. <i>PLoS Pathogens</i> , 2014 , 10, e1004209	7.6	42
78	Use of a targeted, combinatorial next-generation sequencing approach for the study of bicuspid aortic valve. <i>BMC Medical Genomics</i> , 2014 , 7, 56	3.7	40
77	Utilization of Whole Exome Sequencing to Identify Causative Mutations in Familial Congenital Heart Disease. <i>Circulation: Cardiovascular Genetics</i> , 2016 , 9, 320-9		39
76	Safety Profile of Good Manufacturing Practice Manufactured Interferon β Primed Mesenchymal Stem/Stromal Cells for Clinical Trials. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 1868-1879	6.9	39
75	Jagged1 is a competitive inhibitor of Notch signaling in the embryonic pancreas. <i>Mechanisms of Development</i> , 2009 , 126, 687-99	1.7	38
74	Cis-regulatory modules in the mammalian liver: composition depends on strength of Foxa2 consensus site. <i>Nucleic Acids Research</i> , 2008 , 36, 4149-57	20.1	37

73	Nutrition-hormone receptor-gene interactions: implications for development and disease. <i>Proceedings of the Nutrition Society</i> , 2001 , 60, 63-72	2.9	37
72	Developmental expression analysis of thyroid hormone receptor isoforms reveals new insights into their essential functions in cardiac and skeletal muscles. <i>FASEB Journal</i> , 2001 , 15, 1367-76	0.9	35
71	Postnatal regulation of myosin heavy chain isoform expression and metabolic enzyme activity by nutrition. <i>British Journal of Nutrition</i> , 2000 , 84, 185-194	3.6	35
70	Ferric uptake regulator and its role in the pathogenesis of nontypeable Haemophilus influenzae. <i>Infection and Immunity</i> , 2013 , 81, 1221-33	3.7	33
69	A Novel In Vitro Human Granuloma Model of Sarcoidosis and Latent Tuberculosis Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 57, 487-498	5.7	29
68	Differential expression of thyroid hormone receptor isoforms is strikingly related to cardiac and skeletal muscle phenotype during postnatal development. <i>Journal of Molecular Endocrinology</i> , 1999 , 23, 241-54	4.5	29
67	Gene copy-number variations (CNVs) of complement C4 and C4A deficiency in genetic risk and pathogenesis of juvenile dermatomyositis. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1599-606	2.4	27
66	Blood genome-wide transcriptional profiles reflect broad molecular impairments and strong blood-brain links in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 43, 93-108	4.3	27
65	Identification of known and novel pancreas genes expressed downstream of Nkx2.2 during development. <i>BMC Developmental Biology</i> , 2009 , 9, 65	3.1	24
64	Intrauterine growth restriction is a direct consequence of localized maternal uropathogenic Escherichia coli cystitis. <i>PLoS ONE</i> , 2012 , 7, e33897	3.7	22
63	Insulin-expressing colonies developed from murine embryonic stem cell-derived progenitors. <i>Diabetes</i> , 2007 , 56, 921-9	0.9	21
62	IL-13-regulated Macrophage Polarization during Granuloma Formation in an In Vitro Human Sarcoidosis Model. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 84-95	5.7	20
61	PANDER-induced cell-death genetic networks in islets reveal central role for caspase-3 and cyclin-dependent kinase inhibitor 1A (p21). <i>Gene</i> , 2006 , 369, 134-41	3.8	20
60	Effects of silicate polymers on erythrocytes in presence and absence of complement. <i>Journal of General Physiology</i> , 1962 , 45, 1117-43	3.4	20
59	Apoptosis rate and transcriptional response of pancreatic islets exposed to the PPAR gamma agonist Pioglitazone. <i>Diabetology and Metabolic Syndrome</i> , 2013 , 5, 1	5.6	19
58	Growth hormone receptor gene expression in porcine skeletal and cardiac muscles is selectively regulated by postnatal undernutrition. <i>Journal of Nutrition</i> , 2000 , 130, 2482-8	4.1	19
57	A genome-wide association study of congenital cardiovascular left-sided lesions shows association with a locus on chromosome 20. <i>Human Molecular Genetics</i> , 2016 , 25, 2331-2341	5.6	18
56	Human Bile-Mediated Regulation of Curli Fimbriae. <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	16

55	HrrF is the Fur-regulated small RNA in nontypeable Haemophilus influenzae. <i>PLoS ONE</i> , 2014 , 9, e105644,7	3.7	16
54	Whole Exome Sequencing Identifies Candidate Genes Associated with Hereditary Predisposition to Uveal Melanoma. <i>Ophthalmology</i> , 2020 , 127, 668-678	7.3	16
53	Whole-blood transcriptomic responses to lumacaftor/ivacaftor therapy in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020 , 19, 245-254	4.1	16
52	Broad functional correction of molecular impairments by systemic delivery of scAAVrh74-hSGSH gene delivery in MPS IIIA mice. <i>Molecular Therapy</i> , 2015 , 23, 638-47	11.7	15
51	A de novo nonsense mutation in shared by siblings with Bainbridge-Ropers syndrome. <i>Journal of Physical Education and Sports Management</i> , 2018 , 4,	2.8	14
50	Reprioritization of biofilm metabolism is associated with nutrient adaptation and long-term survival of. <i>Npj Biofilms and Microbiomes</i> , 2019 , 5, 33	8.2	14
49	Defining the role of pneumococcal neuraminidases and O-glycosidase in pneumococcal haemolytic uraemic syndrome. <i>Journal of Medical Microbiology</i> , 2016 , 65, 975-984	3.2	14
48	Human CRMP4 mutation and disrupted Crmp4 expression in mice are associated with ASD characteristics and sexual dimorphism. <i>Scientific Reports</i> , 2017 , 7, 16812	4.9	12
47	Acute physical activity effects on cardiac gene expression. <i>Experimental Physiology</i> , 2010 , 95, 1071-80	2.4	12
46	EPConDB: a web resource for gene expression related to pancreatic development, beta-cell function and diabetes. <i>Nucleic Acids Research</i> , 2007 , 35, D751-5	20.1	11
45	Pathoadaptive Alteration of Biofilm Formation in Response to the Gallbladder Environment. <i>Journal of Bacteriology</i> , 2019 , 201,	3.5	10
44	Gene expression analysis in diabetes research. <i>Methods in Molecular Biology</i> , 2009 , 560, 239-61	1.4	10
43	Establishment of Chronic Typhoid Infection in a Mouse Carriage Model Involves a Type 2 Immune Shift and T and B Cell Recruitment to the Gallbladder. <i>MBio</i> , 2019 , 10,	7.8	10
42	Pathogenic variants in E3 ubiquitin ligase RLIM/RNF12 lead to a syndromic X-linked intellectual disability and behavior disorder. <i>Molecular Psychiatry</i> , 2019 , 24, 1748-1768	15.1	10
41	Whole Transcriptome Analysis of Renal Intercalated Cells Predicts Lipopolysaccharide Mediated Inhibition of Retinoid X Receptor alpha Function. <i>Scientific Reports</i> , 2019 , 9, 545	4.9	9
40	In-frame de novo mutation in in two patients with muscular atrophy and arthrogryposis. <i>Journal of Physical Education and Sports Management</i> , 2018 , 4,	2.8	9
39	Deletion of in Mouse Skeletal Myofibers Induces Muscle Aging-Related Phenotypes in and in. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	8
38	Somatic mosaicism correlates with clinical findings in epilepsy brain tissue. <i>Neurology: Genetics</i> , 2020 , 6, e460	3.8	7

37	Expanding the clinical history associated with syndromic Klippel-Feil: A unique case of comorbidity with medulloblastoma. <i>European Journal of Medical Genetics</i> , 2019 , 62, 103701	2.6	6
36	Continuous Microevolution Accelerates Disease Progression during Sequential Episodes of Infection. <i>Cell Reports</i> , 2020 , 30, 2978-2988.e3	10.6	6
35	primary central nervous system pure erythroid leukemia/sarcoma with t(1;16)(p31;q24) translocation. <i>Haematologica</i> , 2020 , 105, e194-e197	6.6	6
34	CREB-mediated alterations in the amygdala transcriptome: coordinated regulation of immune response genes following cocaine. <i>International Journal of Neuropsychopharmacology</i> , 2011 , 14, 1111-26	5.8	6
33	Novel genes identified by manual annotation and microarray expression analysis in the pancreas. <i>Genomics</i> , 2006 , 88, 752-761	4.3	6
32	YAP1-FAM118B Fusion Defines a Rare Subset of Childhood and Young Adulthood Meningiomas. <i>American Journal of Surgical Pathology</i> , 2021 , 45, 329-340	6.7	6
31	Synonymous variants that disrupt messenger RNA structure are significantly constrained in the human population. <i>GigaScience</i> , 2021 , 10,	7.6	6
30	Novel frameshift variant in MYL2 reveals molecular differences between dominant and recessive forms of hypertrophic cardiomyopathy. <i>PLoS Genetics</i> , 2020 , 16, e1008639	6	5
29	Genome sequencing identifies somatic duplication c.1794_1796dupTAC;p.Thr599dup in pediatric patient with low-grade ganglioglioma. <i>Journal of Physical Education and Sports Management</i> , 2018 , 4,	2.8	5
28	Expansion of B4GALT7 linkeropathy phenotype to include perinatal lethal skeletal dysplasia. <i>European Journal of Human Genetics</i> , 2019 , 27, 1569-1577	5.3	5
27	Infantile fibrosarcoma-like tumor driven by novel fusion consolidated with cabozantinib. <i>Journal of Physical Education and Sports Management</i> , 2020 , 6,	2.8	5
26	Disease-associated mosaic variation in clinical exome sequencing: a two-year pediatric tertiary care experience. <i>Journal of Physical Education and Sports Management</i> , 2020 , 6,	2.8	4
25	Common deletion variants causing protocadherin-1 deficiency contribute to the complex genetics of BAV and left-sided congenital heart disease. <i>Human Genetics and Genomics Advances</i> , 2021 , 2, 100037-100037	0.8	4
24	Evidence of pioneer factor activity of an oncogenic fusion transcription factor. <i>IScience</i> , 2021 , 24, 102867	6.1	4
23	A patient with van Maldergem syndrome with endocrine abnormalities, hypogonadotropic hypogonadism, and breast aplasia/hypoplasia. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2017 , 2017, 12	1.5	3
22	AR-13, a Celecoxib Derivative, Directly Kills and Aids Clearance and Mouse Survival. <i>Frontiers in Microbiology</i> , 2017 , 8, 1695	5.7	3
21	Early-onset Wilson disease caused by exon skipping associated with intronic variant. <i>Journal of Physical Education and Sports Management</i> , 2020 , 6,	2.8	2
20	Baseline and Disease-Induced Transcriptional Profiles in Children with Sickle Cell Disease. <i>Scientific Reports</i> , 2020 , 10, 9013	4.9	2

19	Prediction of short-term neonatal complications in preterm infants using exome-wide genetic variation and gestational age: a pilot study. <i>Pediatric Research</i> , 2020 , 88, 653-660	3.2	2
18	Discovery of clinically relevant fusions in pediatric cancer. <i>BMC Genomics</i> , 2021 , 22, 872	4.5	2
17	Psychological stress disrupts intestinal epithelial cell function and mucosal integrity through microbe and host-directed processes.. <i>Gut Microbes</i> , 2022 , 14, 2035661	8.8	2
16	Samovar: Single-Sample Mosaic Single-Nucleotide Variant Calling with Linked Reads. <i>IScience</i> , 2019 , 18, 1-10	6.1	1
15	HOTAIR primes the Ewing sarcoma family of tumors for tumorigenesis via epigenetic dysregulation involving LSD1		1
14	The Sensor Kinase QseC Regulates the Unlinked PmrA Response Regulator and Downstream Gene Expression in. <i>Journal of Bacteriology</i> , 2020 , 202,	3.5	1
13	Molecular classification of a complex structural rearrangement of the RB1 locus in an infant with sporadic, isolated, intracranial, sellar region retinoblastoma. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 61	7.3	1
12	Gastroblastoma with a novel EWSR1-CTBP1 fusion presenting in adolescence. <i>Genes Chromosomes and Cancer</i> , 2021 , 60, 640-646	5	1
11	L-Arabinose Transport and Metabolism in Influences Biofilm Formation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 698146	5.9	1
10	Phagosome-regulated mTOR signalling during sarcoidosis granuloma biogenesis. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	1
9	Cerebral Organoids Containing an AUTS2 Missense Variant Model Microcephaly		1
8	Novel morphologic findings in PLAG1-rearranged soft tissue tumors. <i>Genes Chromosomes and Cancer</i> , 2021 , 60, 577-585	5	0
7	Endogenous retrovirus envelope as a tumor-associated immunotherapeutic target in murine osteosarcoma. <i>IScience</i> , 2021 , 24, 102759	6.1	0
6	Novel in-frame deletion causes Larsen syndrome in a three-generation pedigree. <i>Journal of Physical Education and Sports Management</i> , 2019 , 5,	2.8	0
5	A Multi-Omics Approach Using a Mouse Model of Cardiac Malformations for Prioritization of Human Congenital Heart Disease Contributing Genes. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 683074	5.4	0
4	Hypomorphic alleles pose challenges in rare disease genomic variant interpretation. <i>Clinical Genetics</i> , 2021 , 100, 775-776	4	0
3	Clinically aggressive pediatric spinal ependymoma with novel MYC amplification demonstrates molecular and histopathologic similarity to newly described MYCN-amplified spinal ependymomas.. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 192	7.3	0
2	Profiling the miRNome: Detecting Global miRNA Expression Levels with DNA Microarrays. <i>Neuromethods</i> , 2011 , 91-111	0.4	

1 Do Large Changes In A Small Number Of Genes Or Small Changes In A Large Number Of Genes Influence Health And Disease Phenotypes?. *Medicine and Science in Sports and Exercise*, **2010**, 42, 797 1.2