

John W Whitaker

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

9,833
citations

279701

23
h-index

414303

32
g-index

34
all docs

34
docs citations

34
times ranked

22101
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative analysis of 111 reference human epigenomes. <i>Nature</i> , 2015, 518, 317-330.	13.7	5,653
2	Expanded encyclopaedias of DNA elements in the human and mouse genomes. <i>Nature</i> , 2020, 583, 699-710.	13.7	1,252
3	Epigenomic Analysis of Multilineage Differentiation of Human Embryonic Stem Cells. <i>Cell</i> , 2013, 153, 1134-1148.	13.5	689
4	Human body epigenome maps reveal noncanonical DNA methylation variation. <i>Nature</i> , 2015, 523, 212-216.	13.7	605
5	DNA methylome signature in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 110-117.	0.5	283
6	Constructing 3D interaction maps from 1D epigenomes. <i>Nature Communications</i> , 2016, 7, 10812.	5.8	135
7	Predicting enhancer transcription and activity from chromatin modifications. <i>Nucleic Acids Research</i> , 2013, 41, 10032-10043.	6.5	128
8	Perspectives on ENCODE. <i>Nature</i> , 2020, 583, 693-698.	13.7	123
9	Predicting the human epigenome from DNA motifs. <i>Nature Methods</i> , 2015, 12, 265-272.	9.0	121
10	Comprehensive epigenetic landscape of rheumatoid arthritis fibroblast-like synoviocytes. <i>Nature Communications</i> , 2018, 9, 1921.	5.8	119
11	An imprinted rheumatoid arthritis methylome signature reflects pathogenic phenotype. <i>Genome Medicine</i> , 2013, 5, 40.	3.6	99
12	DNA Methylome Signature in Synoviocytes From Patients With Early Rheumatoid Arthritis Compared to Synoviocytes From Patients With Longstanding Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 1978-1980.	2.9	74
13	Integrative genomic deconvolution of rheumatoid arthritis GWAS loci into gene and cell type associations. <i>Genome Biology</i> , 2016, 17, 79.	3.8	70
14	The transferome of metabolic genes explored: analysis of the horizontal transfer of enzyme encoding genes in unicellular eukaryotes. <i>Genome Biology</i> , 2009, 10, R36.	13.9	56
15	The Rheumatoid Arthritis Risk Gene <i>IL1B</i> Regulates Growth in Fibroblast-like Synoviocytes. <i>Arthritis and Rheumatology</i> , 2015, 67, 1193-1202.	2.9	56
16	Integrative Omics Analysis of Rheumatoid Arthritis Identifies Non-Obvious Therapeutic Targets. <i>PLoS ONE</i> , 2015, 10, e0124254.	1.1	48
17	<i>IL1B</i> Gene Transcription Regulation by the Interplay of an Enhancer Risk Allele and DNA Methylation in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 2637-2645.	2.9	41
18	Epigenomic analysis reveals DNA motifs regulating histone modifications in human and mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3668-3677.	3.3	35

#	ARTICLE	IF	CITATIONS
19	Abnormal PTPN11 enhancer methylation promotes rheumatoid arthritis fibroblast-like synoviocyte aggressiveness and joint inflammation. JCI Insight, 2016, 1, .	2.3	34
20	metaTIGER: a metabolic evolution resource. Nucleic Acids Research, 2009, 37, D531-D538.	6.5	32
21	Identification of DNA motifs that regulate DNA methylation. Nucleic Acids Research, 2019, 47, 6753-6768.	6.5	32
22	The Transcriptional Response to DNA-Double-Strand Breaks in Physcomitrella patens. PLoS ONE, 2016, 11, e0161204.	1.1	29
23	Computational schemes for the prediction and annotation of enhancers from epigenomic assays. Methods, 2015, 72, 86-94.	1.9	26
24	Epipolymorphisms associated with the clinical outcome of autoimmune arthritis affect CD4 ⁺ T cell activation pathways. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13845-13850.	3.3	23
25	Prediction of horizontal gene transfers in eukaryotes: approaches and challenges. Biochemical Society Transactions, 2009, 37, 792-795.	1.6	19
26	STAR: an integrated solution to management and visualization of sequencing data. Bioinformatics, 2013, 29, 3204-3210.	1.8	13
27	Global identification of transcriptional regulators of pluripotency and differentiation in embryonic stem cells. Nucleic Acids Research, 2012, 40, 8199-8209.	6.5	9
28	Mutagen structure and transcriptional response: Induction of distinct transcriptional profiles in <i>Salmonella</i> TA100 by the drinking water mutagen MX and its homologues. Environmental and Molecular Mutagenesis, 2010, 51, 69-79.	0.9	3
29	Alio intuitu: the automated reconstruction of the metabolic networks of parasites. Trends in Parasitology, 2009, 25, 396-397.	1.5	2
30	Response to Marchetti et al.. Journal of Investigative Dermatology, 2022, 142, 232-234.	0.3	2
31	Transferomics: Seeing the Evolutionary Forest Using Phylogenetic Trees. , 2010, , 101-114.		0