

Veronica J Buckle

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,848
citations

516710

16
h-index

642732

23
g-index

32
all docs

32
docs citations

32
times ranked

3337
citing authors

#	ARTICLE	IF	CITATIONS
1	RASER-FISH: non-denaturing fluorescence in situ hybridization for preservation of three-dimensional interphase chromatin structure. <i>Nature Protocols</i> , 2022, 17, 1306-1331.	12.0	10
2	Functional impairment of erythropoiesis in Congenital Dyserythropoietic Anaemia type I arises at the progenitor level. <i>British Journal of Haematology</i> , 2022, , .	2.5	0
3	Genetic and functional insights into CDA-I prevalence and pathogenesis. <i>Journal of Medical Genetics</i> , 2021, 58, 185-195.	3.2	9
4	High-resolution targeted 3C interrogation of cis-regulatory element organization at genome-wide scale. <i>Nature Communications</i> , 2021, 12, 531.	12.8	32
5	Recapitulation of erythropoiesis in congenital dyserythropoietic anemia type I (CDA-I) identifies defects in differentiation and nucleolar abnormalities. <i>Haematologica</i> , 2021, 106, 2960-2970.	3.5	10
6	Majeed syndrome: description of a novel mutation and therapeutic response to bisphosphonates and IL-1 blockade with anakinra. <i>Rheumatology</i> , 2020, 59, 448-451.	1.9	15
7	Chromatin arranges in chains of mesoscale domains with nanoscale functional topography independent of cohesin. <i>Science Advances</i> , 2020, 6, .	10.3	97
8	Dynamics of the 4D genome during in vivo lineage specification and differentiation. <i>Nature Communications</i> , 2020, 11, 2722.	12.8	79
9	A Dynamic Folded Hairpin Conformation Is Associated with $\hat{\alpha}$ -Globin Activation in Erythroid Cells. <i>Cell Reports</i> , 2020, 30, 2125-2135.e5.	6.4	38
10	Cohesin Disrupts Polycomb-Dependent Chromosome Interactions in Embryonic Stem Cells. <i>Cell Reports</i> , 2020, 30, 820-835.e10.	6.4	129
11	ATR-16 syndrome: mechanisms linking monosomy to phenotype. <i>Journal of Medical Genetics</i> , 2020, 57, 414-421.	3.2	7
12	The Application of SEM-Based EDS Microanalysis to the Study of Congenital Dyserythropoietic Anaemia Type-1 (CDA-I). <i>Microscopy and Microanalysis</i> , 2019, 25, 1104-1105.	0.4	0
13	Stabilization of chromatin topology safeguards genome integrity. <i>Nature</i> , 2019, 574, 571-574.	27.8	136
14	A tissue-specific self-interacting chromatin domain forms independently of enhancer-promoter interactions. <i>Nature Communications</i> , 2018, 9, 3849.	12.8	62
15	Single-allele chromatin interactions identify regulatory hubs in dynamic compartmentalized domains. <i>Nature Genetics</i> , 2018, 50, 1744-1751.	21.4	150
16	Robust CRISPR/Cas9 Genome Editing of the HUDEP-2 Erythroid Precursor Line Using Plasmids and Single-Stranded Oligonucleotide Donors. <i>Methods and Protocols</i> , 2018, 1, 28.	2.0	17
17	Predicting the three-dimensional folding of cis-regulatory regions in mammalian genomes using bioinformatic data and polymer models. <i>Genome Biology</i> , 2016, 17, 59.	8.8	97
18	Factors influencing success of clinical genome sequencing across a broad spectrum of disorders. <i>Nature Genetics</i> , 2015, 47, 717-726.	21.4	310

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19	Expanded GAA repeats impair FXN gene expression and reposition the FXN locus to the nuclear lamina in single cells. <i>Human Molecular Genetics</i> , 2015, 24, 3457-3471.	2.9	25
20	<i>De novo</i> and rare inherited mutations implicate the transcriptional coregulator TCF20/SPBP in autism spectrum disorder. <i>Journal of Medical Genetics</i> , 2014, 51, 737-747.	3.2	31
21	Homozygous mutations in a predicted endonuclease are a novel cause of congenital dyserythropoietic anemia type I. <i>Haematologica</i> , 2013, 98, 1383-1387.	3.5	71
22	Codanin-1 mutations in congenital dyserythropoietic anemia type 1 affect HP1 localization in erythroblasts. <i>Blood</i> , 2011, 117, 6928-6938.	1.4	58
23	Detection of Nascent RNA Transcripts by Fluorescence In Situ Hybridization. <i>Methods in Molecular Biology</i> , 2010, 659, 33-50.	0.9	17
24	Association between active genes occurs at nuclear speckles and is modulated by chromatin environment. <i>Journal of Cell Biology</i> , 2008, 182, 1083-1097.	5.2	231
25	Coregulated human globin genes are frequently in spatial proximity when active. <i>Journal of Cell Biology</i> , 2006, 172, 177-187.	5.2	192