

Matthew E Gosden

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2709717/publications.pdf>

Version: 2024-02-01

10
papers

619
citations

1040056

9
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue-specific CTCF-cohesin-mediated chromatin architecture delimits enhancer interactions and function in vivo. <i>Nature Cell Biology</i> , 2017, 19, 952-961.	10.3	179
2	DeepC: predicting 3D genome folding using megabase-scale transfer learning. <i>Nature Methods</i> , 2020, 17, 1118-1124.	19.0	109
3	Editing an β -globin enhancer in primary human hematopoietic stem cells as a treatment for β^0 -thalassemia. <i>Nature Communications</i> , 2017, 8, 424.	12.8	85
4	Dynamics of the 4D genome during in vivo lineage specification and differentiation. <i>Nature Communications</i> , 2020, 11, 2722.	12.8	79
5	Functional characterisation of cis-regulatory elements governing dynamic <i>Eomes</i> expression in the early mouse embryo. <i>Development (Cambridge)</i> , 2017, 144, 1249-1260.	2.5	32
6	High-resolution targeted 3C interrogation of cis-regulatory element organization at genome-wide scale. <i>Nature Communications</i> , 2021, 12, 531.	12.8	32
7	Analysis of Differentiation Protocols Defines a Common Pancreatic Progenitor Molecular Signature and Guides Refinement of Endocrine Differentiation. <i>Stem Cell Reports</i> , 2020, 14, 138-153.	4.8	31
8	The chromatin remodeller ATRX facilitates diverse nuclear processes, in a stochastic manner, in both heterochromatin and euchromatin. <i>Nature Communications</i> , 2022, 13, .	12.8	20
9	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
10	Scalable in vitro production of defined mouse erythroblasts. <i>PLoS ONE</i> , 2022, 17, e0261950.	2.5	8