

Mathias Lesche

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3963581/publications.pdf>

Version: 2024-02-01

25
papers

1,825
citations

687363

13
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

3262
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. <i>Cell</i> , 2018, 172, 147-161.e12.	28.9	702
2	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , 2020, 183, 771-785.e12.	28.9	277
3	Transcriptome sequencing during mouse brain development identifies long non-coding RNAs functionally involved in neurogenic commitment. <i>EMBO Journal</i> , 2013, 32, 3145-3160.	7.8	215
4	Systems biology of the IMIDIA biobank from organ donors and pancreatectomised patients defines a novel transcriptomic signature of islets from individuals with type 2 diabetes. <i>Diabetologia</i> , 2018, 61, 641-657.	6.3	131
5	Multi-omics profiling of living human pancreatic islet donors reveals heterogeneous beta cell trajectories towards type 2 diabetes. <i>Nature Metabolism</i> , 2021, 3, 1017-1031.	11.9	76
6	Loss of Trex1 in Dendritic Cells Is Sufficient To Trigger Systemic Autoimmunity. <i>Journal of Immunology</i> , 2016, 197, 2157-2166.	0.8	61
7	CCND1â€“CDK4â€“mediated cell cycle progression provides a competitive advantage for human hematopoietic stem cells in vivo. <i>Journal of Experimental Medicine</i> , 2015, 212, 1171-1183.	8.5	50
8	Chromatoid Body Protein TDRD6 Supports Long 3â€™ UTR Triggered Nonsense Mediated mRNA Decay. <i>PLoS Genetics</i> , 2016, 12, e1005857.	3.5	46
9	Aldh1b1 expression defines progenitor cells in the adult pancreas and is required for Kras-induced pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20679-20688.	7.1	41
10	A switch in pdgfrb cell-derived ECM composition prevents inhibitory scarring and promotes axon regeneration in the zebrafish spinal cord. <i>Developmental Cell</i> , 2021, 56, 509-524.e9.	7.0	40
11	Environmental enrichment preserves a young DNA methylation landscape in the aged mouse hippocampus. <i>Nature Communications</i> , 2021, 12, 3892.	12.8	29
12	Hematopoietic Stem Cells but Not Multipotent Progenitors Drive Erythropoiesis during Chronic Erythroid Stress in EPO Transgenic Mice. <i>Stem Cell Reports</i> , 2018, 10, 1908-1919.	4.8	28
13	Pancreas lineage allocation and specification are regulated by sphingosine-1-phosphate signalling. <i>PLoS Biology</i> , 2017, 15, e2000949.	5.6	27
14	Identification and expression patterns of novel long non-coding RNAs in neural progenitors of the developing mammalian cortex. <i>Neurogenesis (Austin, Tex)</i> , 2015, 2, e995524.	1.5	15
15	TDRD6 mediates early steps of spliceosome maturation in primary spermatocytes. <i>PLoS Genetics</i> , 2017, 13, e1006660.	3.5	15
16	The RNA binding protein human antigen R is a gatekeeper of liver homeostasis. <i>Hepatology</i> , 2022, 75, 881-897.	7.3	14
17	A smart polymer for sequence-selective binding, pulldown, and release of DNA targets. <i>Communications Biology</i> , 2020, 3, 369.	4.4	12
18	MicroRNA profiling of mouse cortical progenitors and neurons reveals miR-486-5p as a regulator of neurogenesis. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	11

#	ARTICLE	IF	CITATIONS
19	Sequence and expression levels of circular RNAs in progenitor cell types during mouse corticogenesis. <i>Life Science Alliance</i> , 2019, 2, e201900354.	2.8	10
20	Renin cells with defective Gs α /cAMP signaling contribute to renal endothelial damage. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 1205-1217.	2.8	8
21	Controlling distinct signaling states in cultured cancer cells provides a new platform for drug discovery. <i>FASEB Journal</i> , 2019, 33, 9235-9249.	0.5	7
22	Distinguishing activated T regulatory cell and T α conventional cells by single-cell technologies. <i>Immunology</i> , 2022, 166, 121-137.	4.4	4
23	Protein Methyltransferase Inhibition Decreases Endocrine Specification Through the Upregulation of Aldh1b1 Expression. <i>Stem Cells</i> , 2019, 37, 640-651.	3.2	3
24	Clonal competition in BcrAbl-driven leukemia: how transplantations can accelerate clonal conversion. <i>Molecular Cancer</i> , 2017, 16, 120.	19.2	2
25	<i>Hoxb1</i> Regulates Distinct Signaling Pathways in Neuromesodermal and Hindbrain Progenitors to Promote Cell Survival and Specification. <i>Stem Cells</i> , 2022, 40, 175-189.	3.2	1