

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	The RNA binding protein human antigen R is a gatekeeper of liver homeostasis. <i>Hepatology</i> , 2022, 75, 881-897.	7.3	14
2	<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
3	Distinguishing activated T regulatory cell and T ^H conventional cells by single-cell technologies. <i>Immunology</i> , 2022, 166, 121-137.	4.4	4
4	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
5	Environmental enrichment preserves a young DNA methylation landscape in the aged mouse hippocampus. <i>Nature Communications</i> , 2021, 12, 3892.	12.8	29
6	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
7	Innate Immune Training of Granulopoiesis Promotes Anti-tumor Activity. <i>Cell</i> , 2020, 183, 771-785.e12.	28.9	277
8	A smart polymer for sequence-selective binding, pulldown, and release of DNA targets. <i>Communications Biology</i> , 2020, 3, 369.	4.4	12
9	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
10	Renin cells with defective Gs β /cAMP signaling contribute to renal endothelial damage. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 1205-1217.	2.8	8
11	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
12	Protein Methyltransferase Inhibition Decreases Endocrine Specification Through the Upregulation of Aldh1b1 Expression. <i>Stem Cells</i> , 2019, 37, 640-651.	3.2	3
13	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
14	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
15	Modulation of Myelopoiesis Progenitors Is an Integral Component of Trained Immunity. <i>Cell</i> , 2018, 172, 147-161.e12.	28.9	702
16	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
17	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
18	Clonal competition in BcrAbl-driven leukemia: how transplantations can accelerate clonal conversion. <i>Molecular Cancer</i> , 2017, 16, 120.	19.2	2

#	ARTICLE	IF	CITATIONS
19	Pancreas lineage allocation and specification are regulated by sphingosine-1-phosphate signalling. PLoS Biology, 2017, 15, e2000949.	5.6	27
20	TDRD6 mediates early steps of spliceosome maturation in primary spermatocytes. PLoS Genetics, 2017, 13, e1006660.	3.5	15
21	Chromatoid Body Protein TDRD6 Supports Long 3' UTR Triggered Nonsense Mediated mRNA Decay. PLoS Genetics, 2016, 12, e1005857.	3.5	46
22	Loss of Trex1 in Dendritic Cells Is Sufficient To Trigger Systemic Autoimmunity. Journal of Immunology, 2016, 197, 2157-2166.	0.8	61
23	Identification and expression patterns of novel long non-coding RNAs in neural progenitors of the developing mammalian cortex. Neurogenesis (Austin, Tex), 2015, 2, e995524.	1.5	15
24	CCND1-mediated cell cycle progression provides a competitive advantage for human hematopoietic stem cells in vivo. Journal of Experimental Medicine, 2015, 212, 1171-1183.	8.5	50
25	Transcriptome sequencing during mouse brain development identifies long non-coding RNAs functionally involved in neurogenic commitment. EMBO Journal, 2013, 32, 3145-3160.	7.8	215