

Georg W Otto

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,206
citations

567281

15
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

2840
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncogenic Gata1 causes stage-specific megakaryocyte differentiation delay. <i>Haematologica</i> , 2021, 106, 1106-1119.	3.5	8
2	Failures of nerve regeneration caused by aging or chronic denervation are rescued by restoring Schwann cell c-Jun. <i>ELife</i> , 2021, 10, .	6.0	63
3	Conserved properties of genetic architecture of renal and fat transcriptomes in rat models of insulin resistance. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	6
4	Systems Genetics of Hepatic Metabolome Reveals Octopamine as a Target for Non-Alcoholic Fatty Liver Disease Treatment. <i>Scientific Reports</i> , 2019, 9, 3656.	3.3	11
5	Single-cell analysis reveals the continuum of human lympho-myeloid progenitor cells. <i>Nature Immunology</i> , 2018, 19, 85-97.	14.5	193
6	SCL/TAL1 cooperates with Polycomb RYBP-PRC1 to suppress alternative lineages in blood-fated cells. <i>Nature Communications</i> , 2018, 9, 5375.	12.8	29
7	Graded Elevation of c-Jun in Schwann Cells <i>In Vivo</i> : Gene Dosage Determines Effects on Development, Remyelination, Tumorigenesis, and Hypomyelination. <i>Journal of Neuroscience</i> , 2017, 37, 12297-12313.	3.6	66
8	The Calcineurin-FoxO-MuRF1 signaling pathway regulates myofibril integrity in cardiomyocytes. <i>ELife</i> , 2017, 6, .	6.0	33
9	Genetically distinct leukemic stem cells in human CD34 ^{hi} acute myeloid leukemia are arrested at a hemopoietic precursor-like stage. <i>Journal of Experimental Medicine</i> , 2016, 213, 1513-1535.	8.5	120
10	Topological analysis of metabolic networks integrating co-segregating transcriptomes and metabolomes in type 2 diabetic rat congenic series. <i>Genome Medicine</i> , 2016, 8, 101.	8.2	19
11	Transcriptome Profiling in Rat Inbred Strains and Experimental Cross Reveals Discrepant Genetic Architecture of Genome-Wide Gene Expression. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3671-3683.	1.8	9
12	A bi-modal function of Wnt signalling directs an FGF activity gradient to spatially regulate neuronal differentiation in the midbrain. <i>Development (Cambridge)</i> , 2014, 141, 63-72.	2.5	30
13	Genetic Control of Differential Acetylation in Diabetic Rats. <i>PLoS ONE</i> , 2014, 9, e94555.	2.5	7
14	Genome Sequencing Reveals Loci under Artificial Selection that Underlie Disease Phenotypes in the Laboratory Rat. <i>Cell</i> , 2013, 154, 691-703.	28.9	154
15	Causes and Consequences of Chromatin Variation between Inbred Mice. <i>PLoS Genetics</i> , 2013, 9, e1003570.	3.5	18
16	The Light Responsive Transcriptome of the Zebrafish: Function and Regulation. <i>PLoS ONE</i> , 2011, 6, e17080.	2.5	90
17	Aplexone targets the HMG-CoA reductase pathway and differentially regulates arteriovenous angiogenesis. <i>Development (Cambridge)</i> , 2011, 138, 1173-1181.	2.5	59
18	Simplet controls cell proliferation and gene transcription during zebrafish caudal fin regeneration. <i>Developmental Biology</i> , 2009, 325, 329-340.	2.0	45

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19	Differential gene expression as a toxicant-sensitive endpoint in zebrafish embryos and larvae. <i>Aquatic Toxicology</i> , 2007, 81, 355-364.	4.0	112
20	Transcriptome profiling of adult zebrafish at the late stage of chronic tuberculosis due to <i>Mycobacterium marinum</i> infection. <i>Molecular Immunology</i> , 2005, 42, 1185-1203.	2.2	129
21	Complex probes for high-throughput parallel genetic mapping of genomic mouse BAC clones. <i>Mammalian Genome</i> , 1998, 9, 611-616.	2.2	4