Georg W Otto

List of Publications by Year
in descending order

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	Single-cell analysis reveals the continuum of human lympho-myeloid progenitor cells. Nature Immunology, 2018, 19, 85-97.	14.5	193
2	Genome Sequencing Reveals Loci under Artificial Selection that Underlie Disease Phenotypes in the Laboratory Rat. Cell, 2013, 154, 691-703.	28.9	154
3	Transcriptome profiling of adult zebrafish at the late stage of chronic tuberculosis due to Mycobacterium marinum infection. Molecular Immunology, 2005, 42, 1185-1203.	2.2	129
4	Genetically distinct leukemic stem cells in human CD34â˜ acute myeloid leukemia are arrested at a hemopoietic precursor-like stage. Journal of Experimental Medicine, 2016, 213, 1513-1535.	8.5	120
5	Differential gene expression as a toxicant-sensitive endpoint in zebrafish embryos and larvae. Aquatic Toxicology, 2007, 81, 355-364.	4.0	112
6	The Light Responsive Transcriptome of the Zebrafish: Function and Regulation. PLoS ONE, 2011, 6, e17080.	2.5	90
7	Graded Elevation of c-Jun in Schwann CellsIn Vivo: Gene Dosage Determines Effects on Development, Remyelination, Tumorigenesis, and Hypomyelination. Journal of Neuroscience, 2017, 37, 12297-12313.	3.6	66
8	Failures of nerve regeneration caused by aging or chronic denervation are rescued by restoring Schwann cell c-Jun. ELife, 2021, 10, .	6.0	63
9	Aplexone targets the HMG-CoA reductase pathway and differentially regulates arteriovenous angiogenesis. Development (Cambridge), 2011, 138, 1173-1181.	2.5	59
10	Simplet controls cell proliferation and gene transcription during zebrafish caudal fin regeneration. Developmental Biology, 2009, 325, 329-340.	2.0	45
11	The Calcineurin-FoxO-MuRF1 signaling pathway regulates myofibril integrity in cardiomyocytes. ELife, 2017, 6, .	6.0	33
12	A bi-modal function of Wnt signalling directs an FGF activity gradient to spatially regulate neuronal differentiation in the midbrain. Development (Cambridge), 2014, 141, 63-72.	2.5	30
13	SCL/TAL1 cooperates with Polycomb RYBP-PRC1 to suppress alternative lineages in blood-fated cells. Nature Communications, 2018, 9, 5375.	12.8	29
14	Topological analysis of metabolic networks integrating co-segregating transcriptomes and metabolomes in type 2 diabetic rat congenic series. Genome Medicine, 2016, 8, 101.	8.2	19
15	Causes and Consequences of Chromatin Variation between Inbred Mice. PLoS Genetics, 2013, 9, e1003570.	3.5	18
16	Systems Genetics of Hepatic Metabolome Reveals Octopamine as a Target for Non-Alcoholic Fatty Liver Disease Treatment. Scientific Reports, 2019, 9, 3656.	3.3	11
17	Transcriptome Profiling in Rat Inbred Strains and Experimental Cross Reveals Discrepant Genetic Architecture of Genome-Wide Gene Expression. G3: Genes, Genomes, Genetics, 2016, 6, 3671-3683.	1.8	9
18	Oncogenic Gata1 causes stage-specific megakaryocyte differentiation delay. Haematologica, 2021, 106, 1106-1119.	3.5	8

#	Article	IF	Citations
19	Genetic Control of Differential Acetylation in Diabetic Rats. PLoS ONE, 2014, 9, e94555.	2.5	7
20	Conserved properties of genetic architecture of renal and fat transcriptomes in rat models of insulin resistance. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	6
21	Complex probes for high-throughput parallel genetic mapping of genomic mouse BAC clones. Mammalian Genome, 1998, 9, 611-616.	2.2	4