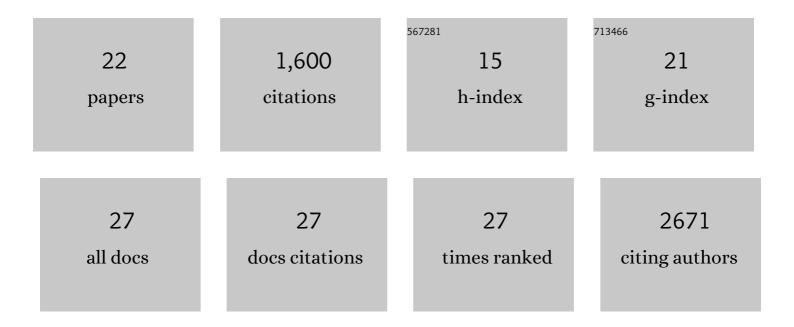
Thomas O Auer

List of Publications by Year in descending order

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Version: 2024-02-01



THOMAS O ALLER

#	Article	IF	CITATIONS
1	Highly efficient CRISPR/Cas9-mediated knock-in in zebrafish by homology-independent DNA repair. Genome Research, 2014, 24, 142-153.	5.5	552
2	CRISPR/Cas9 and TALEN-mediated knock-in approaches in zebrafish. Methods, 2014, 69, 142-150.	3.8	149
3	Sexual circuitry in Drosophila. Current Opinion in Neurobiology, 2016, 38, 18-26.	4.2	141
4	Olfactory receptor and circuit evolution promote host specialization. Nature, 2020, 579, 402-408.	27.8	131
5	An expression atlas of variant ionotropic glutamate receptors identifies a molecular basis of carbonation sensing. Nature Communications, 2018, 9, 4252.	12.8	116
6	CRISPR/Cas9-mediated conversion of eGFP- into Gal4-transgenic lines in zebrafish. Nature Protocols, 2014, 9, 2823-2840.	12.0	62
7	2C-Cas9: a versatile tool for clonal analysis of gene function. Genome Research, 2016, 26, 681-692.	5.5	57
8	Genomic and Phenotypic Characterization of a Wild Medaka Population: Towards the Establishment of an Isogenic Population Genetic Resource in Fish. G3: Genes, Genomes, Genetics, 2014, 4, 433-445.	1.8	54
9	The dual developmental origin of spinal cerebrospinal fluid-contacting neurons gives rise to distinct functional subtypes. Scientific Reports, 2017, 7, 719.	3.3	52
10	Mate discrimination among subspecies through a conserved olfactory pathway. Science Advances, 2020, 6, eaba5279.	10.3	41
11	An interhemispheric neural circuit allowing binocular integration in the optic tectum. Nature Communications, 2019, 10, 5471.	12.8	35
12	An Attractive Reelin Gradient Establishes Synaptic Lamination in the Vertebrate Visual System. Neuron, 2018, 97, 1049-1062.e6.	8.1	34
13	Deletion of a kinesin I motor unmasks a mechanism of homeostatic branching control by neurotrophin-3. ELife, 2015, 4, .	6.0	30
14	Dynactin1 depletion leads to neuromuscular synapse instability and functional abnormalities. Molecular Neurodegeneration, 2019, 14, 27.	10.8	29
15	<i>Drosophila sechellia</i> : A Genetic Model for Behavioral Evolution and Neuroecology. Annual Review of Genetics, 2021, 55, 527-554.	7.6	28
16	Characterization of the Calcium Binding Protein Family in Zebrafish. PLoS ONE, 2013, 8, e53299.	2.5	28
17	Second-Generation <i>Drosophila</i> Chemical Tags: Sensitivity, Versatility, and Speed. Genetics, 2017, 205, 1399-1408.	2.9	25
18	Combining Computational Prediction of Cis-Regulatory Elements with a New Enhancer Assay to Efficiently Label Neuronal Structures in the Medaka Fish. PLoS ONE, 2011, 6, e19747.	2.5	11

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#	Article	IF	CITATIONS
19	TReND in Africa: Toward a Truly Global (Neuro)science Community. Neuron, 2020, 107, 412-416.	8.1	8
20	Olfactory receptor–dependent receptor repression in <i>Drosophila</i> . Science Advances, 2021, 7, .	10.3	8
21	Homology-Independent Integration of Plasmid DNA into the Zebrafish Genome. Methods in Molecular Biology, 2016, 1451, 31-51.	0.9	4
22	Cracking the encoding of human scent in the mosquito brain. Trends in Neurosciences, 2022, , .	8.6	0