

Thomas O Auer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8828580/publications.pdf>

Version: 2024-02-01

22
papers

1,600
citations

567281

15
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

2671
citing authors

#	ARTICLE	IF	CITATIONS
1	Cracking the encoding of human scent in the mosquito brain. Trends in Neurosciences, 2022, , .	8.6	0
2	Olfactory receptor–dependent receptor repression in <i>Drosophila</i> . Science Advances, 2021, 7, .	10.3	8
3	<i>Drosophila sechellia</i> : A Genetic Model for Behavioral Evolution and Neuroecology. Annual Review of Genetics, 2021, 55, 527-554.	7.6	28
4	TRENDA in Africa: Toward a Truly Global (Neuro)science Community. Neuron, 2020, 107, 412-416.	8.1	8
5	Olfactory receptor and circuit evolution promote host specialization. Nature, 2020, 579, 402-408.	27.8	131
6	Mate discrimination among subspecies through a conserved olfactory pathway. Science Advances, 2020, 6, eaba5279.	10.3	41
7	Dynactin1 depletion leads to neuromuscular synapse instability and functional abnormalities. Molecular Neurodegeneration, 2019, 14, 27.	10.8	29
8	An interhemispheric neural circuit allowing binocular integration in the optic tectum. Nature Communications, 2019, 10, 5471.	12.8	35
9	An Attractive Reelin Gradient Establishes Synaptic Lamination in the Vertebrate Visual System. Neuron, 2018, 97, 1049-1062.e6.	8.1	34
10	An expression atlas of variant ionotropic glutamate receptors identifies a molecular basis of carbonation sensing. Nature Communications, 2018, 9, 4252.	12.8	116
11	Second-Generation <i>Drosophila</i> Chemical Tags: Sensitivity, Versatility, and Speed. Genetics, 2017, 205, 1399-1408.	2.9	25
12	The dual developmental origin of spinal cerebrospinal fluid-contacting neurons gives rise to distinct functional subtypes. Scientific Reports, 2017, 7, 719.	3.3	52
13	Homology-Independent Integration of Plasmid DNA into the Zebrafish Genome. Methods in Molecular Biology, 2016, 1451, 31-51.	0.9	4
14	Sexual circuitry in <i>Drosophila</i> . Current Opinion in Neurobiology, 2016, 38, 18-26.	4.2	141
15	2C-Cas9: a versatile tool for clonal analysis of gene function. Genome Research, 2016, 26, 681-692.	5.5	57
16	Deletion of a kinesin I motor unmasks a mechanism of homeostatic branching control by neurotrophin-3. ELife, 2015, 4, .	6.0	30
17	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
18	Highly efficient CRISPR/Cas9-mediated knock-in in zebrafish by homology-independent DNA repair. Genome Research, 2014, 24, 142-153.	5.5	552

#	ARTICLE	IF	CITATIONS
19	CRISPR/Cas9-mediated conversion of eGFP- into Gal4-transgenic lines in zebrafish. Nature Protocols, 2014, 9, 2823-2840.	12.0	62
20	CRISPR/Cas9 and TALEN-mediated knock-in approaches in zebrafish. Methods, 2014, 69, 142-150.	3.8	149
21	Characterization of the Calcium Binding Protein Family in Zebrafish. PLoS ONE, 2013, 8, e53299.	2.5	28
22	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