

Chao-Tsung Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11219894/publications.pdf>

Version: 2024-02-01

17
papers

2,615
citations

516710

16
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

3750
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision Calcium Imaging of Dense Neural Populations via a Cell-Body-Targeted Calcium Indicator. <i>Neuron</i> , 2020, 107, 470-486.e11.	8.1	87
2	Glia Accumulate Evidence that Actions Are Futile and Suppress Unsuccessful Behavior. <i>Cell</i> , 2019, 178, 27-43.e19.	28.9	226
3	A bidirectional network for appetite control in larval zebrafish. <i>ELife</i> , 2019, 8, .	6.0	50
4	A robotic multidimensional directed evolution approach applied to fluorescent voltage reporters. <i>Nature Chemical Biology</i> , 2018, 14, 352-360.	8.0	264
5	Brain-wide circuit interrogation at the cellular level guided by online analysis of neuronal function. <i>Nature Methods</i> , 2018, 15, 1117-1125.	19.0	54
6	The Serotonergic System Tracks the Outcomes of Actions to Mediate Short-Term Motor Learning. <i>Cell</i> , 2016, 167, 933-946.e20.	28.9	130
7	Calcium imaging of neural circuits with extended depth-of-field light-sheet microscopy. <i>Optics Letters</i> , 2016, 41, 855.	3.3	71
8	Brain-wide mapping of neural activity controlling zebrafish exploratory locomotion. <i>ELife</i> , 2016, 5, e12741.	6.0	246
9	Labeling of active neural circuits in vivo with designed calcium integrators. <i>Science</i> , 2015, 347, 755-760.	12.6	377
10	Myeloid Growth Factors Promote Resistance to Mycobacterial Infection by Curtailing Granuloma Necrosis through Macrophage Replenishment. <i>Cell Host and Microbe</i> , 2015, 18, 15-26.	11.0	114
11	Mapping brain activity at scale with cluster computing. <i>Nature Methods</i> , 2014, 11, 941-950.	19.0	257
12	Light-sheet functional imaging in fictively behaving zebrafish. <i>Nature Methods</i> , 2014, 11, 883-884.	19.0	294
13	Neutrophils Exert Protection in the Early Tuberculous Granuloma by Oxidative Killing of Mycobacteria Phagocytosed from Infected Macrophages. <i>Cell Host and Microbe</i> , 2012, 12, 301-312.	11.0	267
14	Mutations in <i>gfpt1</i> and <i>skiv2l2</i> Cause Distinct Stage-Specific Defects in Larval Melanocyte Regeneration in Zebrafish. <i>PLoS Genetics</i> , 2007, 3, e88.	3.5	37
15	Small molecule-induced ablation and subsequent regeneration of larval zebrafish melanocytes. <i>Development (Cambridge)</i> , 2006, 133, 3563-3573.	2.5	84
16	Mutations in <i>gfpt1</i> and <i>skiv2l2</i> cause distinct stage-specific defects in larval melanocyte regeneration in zebrafish. <i>PLoS Genetics</i> , 2005, preprint, e88.	3.5	0
17	Larval Melanocyte Regeneration Following Laser Ablation in Zebrafish. <i>Journal of Investigative Dermatology</i> , 2004, 123, 924-929.	0.7	42