

Adam W Hantman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5536436/publications.pdf>

Version: 2024-02-01

26
papers

4,392
citations

346980

22
h-index

563245

28
g-index

40
all docs

40
docs citations

40
times ranked

6767
citing authors

#	ARTICLE	IF	CITATIONS
1	Motor cortical output for skilled forelimb movement is selectively distributed across projection neuron classes. <i>Science Advances</i> , 2022, 8, eabj5167.	4.7	33
2	Neuropixels 2.0: A miniaturized high-density probe for stable, long-term brain recordings. <i>Science</i> , 2021, 372, .	6.0	467
3	A cerebellar-thalamocortical pathway drives behavioral context-dependent movement initiation. <i>Neuron</i> , 2021, 109, 2326-2338.e8.	3.8	63
4	Disrupting cortico-cerebellar communication impairs dexterity. <i>ELife</i> , 2021, 10, .	2.8	37
5	Genetically identified amygdala-striatal circuits for valence-specific behaviors. <i>Nature Neuroscience</i> , 2021, 24, 1586-1600.	7.1	56
6	A genetically defined insula-brainstem circuit selectively controls motivational vigor. <i>Cell</i> , 2021, 184, 6344-6360.e18.	13.5	28
7	Cortical pattern generation during dexterous movement is input-driven. <i>Nature</i> , 2020, 577, 386-391.	13.7	196
8	A Genetically Defined Compartmentalized Striatal Direct Pathway for Negative Reinforcement. <i>Cell</i> , 2020, 183, 211-227.e20.	13.5	49
9	Parvalbumin ⁺ and Npas1 ⁺ Pallidal Neurons Have Distinct Circuit Topology and Function. <i>Journal of Neuroscience</i> , 2020, 40, 7855-7876.	1.7	49
10	Cell-Type-Specific Outcome Representation in the Primary Motor Cortex. <i>Neuron</i> , 2020, 107, 954-971.e9.	3.8	50
11	Reconstruction of 1,000 Projection Neurons Reveals New Cell Types and Organization of Long-Range Connectivity in the Mouse Brain. <i>Cell</i> , 2019, 179, 268-281.e13.	13.5	352
12	Molecular Logic of Spinocerebellar Tract Neuron Diversity and Connectivity. <i>Cell Reports</i> , 2019, 27, 2620-2635.e4.	2.9	36
13	A repeated molecular architecture across thalamic pathways. <i>Nature Neuroscience</i> , 2019, 22, 1925-1935.	7.1	132
14	Cortical column and whole-brain imaging with molecular contrast and nanoscale resolution. <i>Science</i> , 2019, 363, .	6.0	277
15	Mapping the transcriptional diversity of genetically and anatomically defined cell populations in the mouse brain. <i>ELife</i> , 2019, 8, .	2.8	59
16	A Neural Circuit for the Suppression of Pain by a Competing Need State. <i>Cell</i> , 2018, 173, 140-152.e15.	13.5	161
17	Developmental pattern and structural factors of dendritic survival in cerebellar granule cells in vivo. <i>Scientific Reports</i> , 2018, 8, 17561.	1.6	9
18	Stability, affinity, and chromatic variants of the glutamate sensor iGluSnFR. <i>Nature Methods</i> , 2018, 15, 936-939.	9.0	310

#	ARTICLE	IF	CITATIONS
19	A Brainstem-Spinal Cord Inhibitory Circuit for Mechanical Pain Modulation by GABA and Enkephalins. <i>Neuron</i> , 2017, 93, 822-839.e6.	3.8	250
20	A Designer AAV Variant Permits Efficient Retrograde Access to Projection Neurons. <i>Neuron</i> , 2016, 92, 372-382.	3.8	1,007
21	Satb2 Stations Neurons along Reflex Arcs. <i>Neuron</i> , 2016, 91, 711-713.	3.8	0
22	Cortex commands the performance of skilled movement. <i>ELife</i> , 2015, 4, e10774.	2.8	207
23	Convergence of pontine and proprioceptive streams onto multimodal cerebellar granule cells. <i>ELife</i> , 2013, 2, e00400.	2.8	206
24	Clarke's column neurons as the focus of a corticospinal corollary circuit. <i>Nature Neuroscience</i> , 2010, 13, 1233-1239.	7.1	129
25	Molecular and genetic features of a labeled class of spinal substantia gelatinosa neurons in a transgenic mouse. <i>Journal of Comparative Neurology</i> , 2005, 492, 90-100.	0.9	26
26	Morphological and Physiological Features of a Set of Spinal Substantia Gelatinosa Neurons Defined by Green Fluorescent Protein Expression. <i>Journal of Neuroscience</i> , 2004, 24, 836-842.	1.7	119