

Weizhe Hong

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

1,995
citations

19
h-index

32
g-index

32
ext. papers

2,719
ext. citations

19.1
avg, IF

5.46
L-index

#	Paper	IF	Citations
29	Neural control of affiliative touch in prosocial interaction. <i>Nature</i> , 2021 , 599, 262-267	50.4	6
28	An amygdala-to-hypothalamus circuit for social reward. <i>Nature Neuroscience</i> , 2021 , 24, 831-842	25.5	10
27	Organization of neural circuits underlying social behavior: A consideration of the medial amygdala. <i>Current Opinion in Neurobiology</i> , 2021 , 68, 124-136	7.6	8
26	Unveiling the Pathogenesis of Psychiatric Disorders Using Network Models. <i>Genes</i> , 2021 , 12,	4.2	2
25	Posterodorsal Medial Amygdala Regulation of Female Social Behavior: GABA versus Glutamate Projections. <i>Journal of Neuroscience</i> , 2021 , 41, 8790-8800	6.6	1
24	Optogenetic Activation of μ -Opioid Receptors in the Medial Preoptic Nucleus Regulates Female Sexual Receptivity. <i>ENeuro</i> , 2020 , 7,	3.9	7
23	Cortical Representations of Conspecific Sex Shape Social Behavior. <i>Neuron</i> , 2020 , 107, 941-953.e7	13.9	19
22	A Multi-Brain Framework for Social Interaction. <i>Trends in Neurosciences</i> , 2020 , 43, 651-666	13.3	15
21	Correlated Neural Activity and Encoding of Behavior across Brains of Socially Interacting Animals. <i>Cell</i> , 2019 , 178, 429-446.e16	56.2	102
20	Sexually Dimorphic Control of Parenting Behavior by the Medial Amygdala. <i>Cell</i> , 2019 , 176, 1206-1221.e16	56.2	55
19	Neural Circuit Mechanisms of Social Behavior. <i>Neuron</i> , 2018 , 98, 16-30	13.9	173
18	Detecting Activated Cell Populations Using Single-Cell RNA-Seq. <i>Neuron</i> , 2017 , 96, 313-329.e6	13.9	184
17	Toll receptors instruct axon and dendrite targeting and participate in synaptic partner matching in a <i>Drosophila</i> olfactory circuit. <i>Neuron</i> , 2015 , 85, 1013-28	13.9	63
16	Prion-like transmission of neuronal huntingtin aggregates to phagocytic glia in the <i>Drosophila</i> brain. <i>Nature Communications</i> , 2015 , 6, 6768	17.4	103
15	Automated measurement of mouse social behaviors using depth sensing, video tracking, and machine learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5351-60	11.5	171
14	Antagonistic control of social versus repetitive self-grooming behaviors by separable amygdala neuronal subsets. <i>Cell</i> , 2014 , 158, 1348-1361	56.2	222
13	Genetic control of wiring specificity in the fly olfactory system. <i>Genetics</i> , 2014 , 196, 17-29	4	71

12	Science & SciLifeLab Prize. Assembly of a neural circuit. <i>Science</i> , 2013 , 342, 1186	33.3	1
11	Trans-synaptic Teneurin signalling in neuromuscular synapse organization and target choice. <i>Nature</i> , 2012 , 484, 237-41	50.4	148
10	Chaperone-dependent mechanisms for acid resistance in enteric bacteria. <i>Trends in Microbiology</i> , 2012 , 20, 328-35	12.4	75
9	Teneurins instruct synaptic partner matching in an olfactory map. <i>Nature</i> , 2012 , 484, 201-7	50.4	168
8	Role of leucine-rich repeat proteins in the development and function of neural circuits. <i>Annual Review of Cell and Developmental Biology</i> , 2011 , 27, 697-729	12.6	107
7	Dendritic tiling through TOR signalling. <i>EMBO Journal</i> , 2009 , 28, 3783-4	13	2
6	Leucine-rich repeat transmembrane proteins instruct discrete dendrite targeting in an olfactory map. <i>Nature Neuroscience</i> , 2009 , 12, 1542-50	25.5	85
5	The SH3-like domain switches its interaction partners to modulate the repression activity of mycobacterial iron-dependent transcription regulator in response to metal ion fluctuations. <i>Journal of Biological Chemistry</i> , 2008 , 283, 2439-53	5.4	10
4	The dramatically increased chaperone activity of small heat-shock protein IbpB is retained for an extended period of time after the stress condition is removed. <i>Biochemical Journal</i> , 2008 , 410, 63-70	3.8	20
3	Conserved amphiphilic feature is essential for periplasmic chaperone HdeA to support acid resistance in enteric bacteria. <i>Biochemical Journal</i> , 2008 , 412, 389-97	3.8	31
2	Periplasmic protein HdeA exhibits chaperone-like activity exclusively within stomach pH range by transforming into disordered conformation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 27029-34	5.4	111
1	Periplasmic proteins of Escherichia coli are highly resistant to aggregation: reappraisal for roles of molecular chaperones in periplasm. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 316, 795-801	3.4	24