

# Weizhe Hong

## List of Publications by Citations

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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	Antagonistic control of social versus repetitive self-grooming behaviors by separable amygdala neuronal subsets. <i>Cell</i> , <b>2014</b> , 158, 1348-1361	56.2	222
28	Detecting Activated Cell Populations Using Single-Cell RNA-Seq. <i>Neuron</i> , <b>2017</b> , 96, 313-329.e6	13.9	184
27	Neural Circuit Mechanisms of Social Behavior. <i>Neuron</i> , <b>2018</b> , 98, 16-30	13.9	173
26	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> , <b>2015</b> , 112, E5351-60	11.5	171
25	Teneurins instruct synaptic partner matching in an olfactory map. <i>Nature</i> , <b>2012</b> , 484, 201-7	50.4	168
24	Trans-synaptic Teneurin signalling in neuromuscular synapse organization and target choice. <i>Nature</i> , <b>2012</b> , 484, 237-41	50.4	148
23	Periplasmic protein HdeA exhibits chaperone-like activity exclusively within stomach pH range by transforming into disordered conformation. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 27029-34	5.4	111
22	Role of leucine-rich repeat proteins in the development and function of neural circuits. <i>Annual Review of Cell and Developmental Biology</i> , <b>2011</b> , 27, 697-729	12.6	107
21	Prion-like transmission of neuronal huntingtin aggregates to phagocytic glia in the Drosophila brain. <i>Nature Communications</i> , <b>2015</b> , 6, 6768	17.4	103
20	Correlated Neural Activity and Encoding of Behavior across Brains of Socially Interacting Animals. <i>Cell</i> , <b>2019</b> , 178, 429-446.e16	56.2	102
19	Leucine-rich repeat transmembrane proteins instruct discrete dendrite targeting in an olfactory map. <i>Nature Neuroscience</i> , <b>2009</b> , 12, 1542-50	25.5	85
18	Chaperone-dependent mechanisms for acid resistance in enteric bacteria. <i>Trends in Microbiology</i> , <b>2012</b> , 20, 328-35	12.4	75
17	Genetic control of wiring specificity in the fly olfactory system. <i>Genetics</i> , <b>2014</b> , 196, 17-29	4	71
16	Toll receptors instruct axon and dendrite targeting and participate in synaptic partner matching in a Drosophila olfactory circuit. <i>Neuron</i> , <b>2015</b> , 85, 1013-28	13.9	63
15	Sexually Dimorphic Control of Parenting Behavior by the Medial Amygdala. <i>Cell</i> , <b>2019</b> , 176, 1206-1221.e16	56.2	55
14	Conserved amphiphilic feature is essential for periplasmic chaperone HdeA to support acid resistance in enteric bacteria. <i>Biochemical Journal</i> , <b>2008</b> , 412, 389-97	3.8	31
13	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> , <b>2004</b> , 316, 795-801	3.4	24

12	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> , <b>2008</b> , 410, 63-70	3.8	20
11	Cortical Representations of Conspecific Sex Shape Social Behavior. <i>Neuron</i> , <b>2020</b> , 107, 941-953.e7	13.9	19
10	A Multi-Brain Framework for Social Interaction. <i>Trends in Neurosciences</i> , <b>2020</b> , 43, 651-666	13.3	15
9	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> , <b>2008</b> , 283, 2439-53	5.4	10
8	An amygdala-to-hypothalamus circuit for social reward. <i>Nature Neuroscience</i> , <b>2021</b> , 24, 831-842	25.5	10
7	Organization of neural circuits underlying social behavior: A consideration of the medial amygdala. <i>Current Opinion in Neurobiology</i> , <b>2021</b> , 68, 124-136	7.6	8
6	Optogenetic Activation of $\mu$ -Opioid Receptors in the Medial Preoptic Nucleus Regulates Female Sexual Receptivity. <i>JNeurosci</i> , <b>2020</b> , 40, 1111-1121	3.9	7
5	Neural control of affiliative touch in prosocial interaction. <i>Nature</i> , <b>2021</b> , 599, 262-267	50.4	6
4	Dendritic tiling through TOR signalling. <i>EMBO Journal</i> , <b>2009</b> , 28, 3783-4	13	2
3	Unveiling the Pathogenesis of Psychiatric Disorders Using Network Models. <i>Genes</i> , <b>2021</b> , 12, 1-12	4.2	2
2	Science & SciLifeLab Prize. Assembly of a neural circuit. <i>Science</i> , <b>2013</b> , 342, 1186	33.3	1
1	Posterodorsal Medial Amygdala Regulation of Female Social Behavior: GABA versus Glutamate Projections. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 8790-8800	6.6	1