

# Haosheng Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

3,613  
citations

279798

23  
h-index

434195

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

4825  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Type-Specific Loss of BDNF Signaling Mimics Optogenetic Control of Cocaine Reward. <i>Science</i> , 2010, 330, 385-390.	12.6	778
2	Epigenetics of the Depressed Brain: Role of Histone Acetylation and Methylation. <i>Neuropsychopharmacology</i> , 2013, 38, 124-137.	5.4	338
3	A Role for Repressive Histone Methylation in Cocaine-Induced Vulnerability to Stress. <i>Neuron</i> , 2011, 71, 656-670.	8.1	245
4	$\beta$ -catenin mediates stress resilience through Dicer1/microRNA regulation. <i>Nature</i> , 2014, 516, 51-55.	27.8	243
5	Locus-specific epigenetic remodeling controls addiction- and depression-related behaviors. <i>Nature Neuroscience</i> , 2014, 17, 1720-1727.	14.8	193
6	Cocaine dynamically regulates heterochromatin and repetitive element unsilencing in nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3035-3040.	7.1	179
7	Stress and CRF gate neural activation of BDNF in the mesolimbic reward pathway. <i>Nature Neuroscience</i> , 2014, 17, 27-29.	14.8	178
8	BDNF Is a Negative Modulator of Morphine Action. <i>Science</i> , 2012, 338, 124-128.	12.6	167
9	Rac1 is essential in cocaine-induced structural plasticity of nucleus accumbens neurons. <i>Nature Neuroscience</i> , 2012, 15, 891-896.	14.8	160
10	Morphine Epigenomically Regulates Behavior through Alterations in Histone H3 Lysine 9 Dimethylation in the Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2012, 32, 17454-17464.	3.6	115
11	Analytical tools and current challenges in the modern era of neuroepigenomics. <i>Nature Neuroscience</i> , 2014, 17, 1476-1490.	14.8	100
12	An atlas of <i>Caenorhabditis elegans</i> chemoreceptor expression. <i>PLoS Biology</i> , 2018, 16, e2004218.	5.6	93
13	Epigenetic basis of opiate suppression of <i>Bdnf</i> gene expression in the ventral tegmental area. <i>Nature Neuroscience</i> , 2015, 18, 415-422.	14.8	91
14	ACF chromatin-remodeling complex mediates stress-induced depressive-like behavior. <i>Nature Medicine</i> , 2015, 21, 1146-1153.	30.7	83
15	C9a influences neuronal subtype specification in striatum. <i>Nature Neuroscience</i> , 2014, 17, 533-539.	14.8	78
16	Yohimbine Increases Impulsivity Through Activation of cAMP Response Element Binding in the Orbitofrontal Cortex. <i>Biological Psychiatry</i> , 2010, 67, 649-656.	1.3	77
17	Chronic atomoxetine treatment during adolescence decreases impulsive choice, but not impulsive action, in adult rats and alters markers of synaptic plasticity in the orbitofrontal cortex. <i>Psychopharmacology</i> , 2012, 219, 285-301.	3.1	77
18	Bidirectional Synaptic Structural Plasticity after Chronic Cocaine Administration Occurs through Rap1 Small GTPase Signaling. <i>Neuron</i> , 2016, 89, 566-582.	8.1	73

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19	Essential role of poly(ADP-ribosyl)ation in cocaine action. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2005-2010.	7.1	52
20	Histone arginine methylation in cocaine action in the nucleus accumbens. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9623-9628.	7.1	52
21	Drug Experience Epigenetically Primes Fosb Gene Inducibility in Rat Nucleus Accumbens. Journal of Neuroscience, 2012, 32, 10267-10272.	3.6	41
22	BAZ1B in Nucleus Accumbens Regulates Reward-Related Behaviors in Response to Distinct Emotional Stimuli. Journal of Neuroscience, 2016, 36, 3954-3961.	3.6	38
23	Knockdown of the histone di-methyltransferase G9a in nucleus accumbens shell decreases cocaine self-administration, stress-induced reinstatement, and anxiety. Neuropsychopharmacology, 2019, 44, 1370-1376.	5.4	29
24	The Prop1-like homeobox gene unc-42 specifies the identity of synaptically connected neurons. ELife, 2021, 10, .	6.0	27
25	Temporal transitions in the post-mitotic nervous system of Caenorhabditis elegans. Nature, 2021, 600, 93-99.	27.8	27
26	$\hat{\gamma}$ FosB Induction in Prefrontal Cortex by Antipsychotic Drugs is Associated with Negative Behavioral Outcomes. Neuropsychopharmacology, 2014, 39, 538-544.	5.4	23
27	Dishevelled-2 regulates cocaine-induced structural plasticity and Rac1 activity in the nucleus accumbens. Neuroscience Letters, 2015, 598, 23-28.	2.1	17
28	Temporal, Spatial, Sexual and Environmental Regulation of the Master Regulator of Sexual Differentiation in C.Ælegans. Current Biology, 2020, 30, 3604-3616.e3.	3.9	16
29	Regulation of BAZ1A and nucleosome positioning in the nucleus accumbens in response to cocaine. Neuroscience, 2017, 353, 1-6.	2.3	11
30	Temporal transitions in the postembryonic nervous system of the nematode Caenorhabditis elegans: Recent insights and open questions. Seminars in Cell and Developmental Biology, 2023, 142, 67-80.	5.0	6
31	The field of neurogenetics: where it stands and where it is going. Genetics, 2021, 218, .	2.9	2
32	The field of neurogenetics: where it stands and where it is going. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	0