

# Hao-wei Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,868  
citations

201674

27  
h-index

206112

48  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutamate transmission in addiction. <i>Neuropharmacology</i> , 2009, 56, 169-173.	4.1	340
2	Altered Dendritic Spine Plasticity in Cocaine-Withdrawn Rats. <i>Journal of Neuroscience</i> , 2009, 29, 2876-2884.	3.6	192
3	Regional Differences in Extracellular Dopamine and Serotonin Assessed by In Vivo Microdialysis in Mice Lacking Dopamine and/or Serotonin Transporters. <i>Neuropsychopharmacology</i> , 2004, 29, 1790-1799.	5.4	188
4	Relapse Induced by Cues Predicting Cocaine Depends on Rapid, Transient Synaptic Potentiation. <i>Neuron</i> , 2013, 77, 867-872.	8.1	186
5	A Silent Synapse-Based Mechanism for Cocaine-Induced Locomotor Sensitization. <i>Journal of Neuroscience</i> , 2011, 31, 8163-8174.	3.6	156
6	Heroin relapse requires long-term potentiation-like plasticity mediated by NMDA2b-containing receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19407-19412.	7.1	154
7	Reversing cocaine-induced synaptic potentiation provides enduring protection from relapse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 385-390.	7.1	154
8	Synaptic Glutamate Spillover Due to Impaired Glutamate Uptake Mediates Heroin Relapse. <i>Journal of Neuroscience</i> , 2014, 34, 5649-5657.	3.6	141
9	Cocaine Increases Actin Cycling: Effects in the Reinstatement Model of Drug Seeking. <i>Journal of Neuroscience</i> , 2006, 26, 1579-1587.	3.6	133
10	A novel UCS memory retrieval-extinction procedure to inhibit relapse to drug seeking. <i>Nature Communications</i> , 2015, 6, 7675.	12.8	96
11	Inhibition of Lactate Transport Erases Drug Memory and Prevents Drug Relapse. <i>Biological Psychiatry</i> , 2016, 79, 928-939.	1.3	90
12	Abuse potential and toxicity of the synthetic cathinones (i.e., "Bath salts"). <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 110, 150-173.	6.1	76
13	Role of mGluR5 neurotransmission in reinstated cocaine seeking. <i>Addiction Biology</i> , 2013, 18, 40-49.	2.6	72
14	Automated quantification of dendritic spine density and spine head diameter in medium spiny neurons of the nucleus accumbens. <i>Brain Structure and Function</i> , 2008, 213, 149-157.	2.3	70
15	Norepinephrine Transporter Blockade can Normalize the Prepulse Inhibition Deficits Found in Dopamine Transporter Knockout Mice. <i>Neuropsychopharmacology</i> , 2006, 31, 2132-2139.	5.4	68
16	Prelimbic Cortex and Ventral Tegmental Area Modulate Synaptic Plasticity Differentially in Nucleus Accumbens During Cocaine-Reinstated Drug Seeking. <i>Neuropsychopharmacology</i> , 2014, 39, 1169-1177.	5.4	61
17	eIF2 $\gamma$ Dephosphorylation in Basolateral Amygdala Mediates Reconsolidation of Drug Memory. <i>Journal of Neuroscience</i> , 2014, 34, 10010-10021.	3.6	54
18	NAC1 Regulates the Recruitment of the Proteasome Complex into Dendritic Spines. <i>Journal of Neuroscience</i> , 2007, 27, 8903-8913.	3.6	51

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19	Reduced LTP and LTD in prefrontal cortex synapses in the nucleus accumbens after heroin self-administration. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1165-1167.	2.1	50
20	Effects of the acute and chronic restraint stresses on the central histaminergic neuron system of Fischer rat. <i>Neuroscience Letters</i> , 1999, 262, 143-145.	2.1	43
21	Role of amygdala in drug memory. <i>Neurobiology of Learning and Memory</i> , 2013, 105, 159-173.	1.9	42
22	Linkage disequilibrium and association with methamphetamine dependence/psychosis of $\mu$ -opioid receptor gene polymorphisms. <i>Pharmacogenomics Journal</i> , 2006, 6, 179-188.	2.0	40
23	Methamphetamine-induced locomotor activity and sensitization in dopamine transporter and vesicular monoamine transporter 2 double mutant mice. <i>Psychopharmacology</i> , 2007, 193, 55-62.	3.1	39
24	Integrins Modulate Relapse to Cocaine-Seeking. <i>Journal of Neuroscience</i> , 2011, 31, 16177-16184.	3.6	39
25	Study of Association between $\beta$ -Synuclein Gene Polymorphism and Methamphetamine Psychosis/Dependence. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 325-334.	3.8	33
26	Inhibition of Actin Polymerization Prevents Cocaine-induced Changes in Spine Morphology in the Nucleus Accumbens. <i>Neurotoxicity Research</i> , 2010, 18, 410-415.	2.7	29
27	Region-specific role of Rac in nucleus accumbens core and basolateral amygdala in consolidation and reconsolidation of cocaine-associated cue memory in rats. <i>Psychopharmacology</i> , 2013, 228, 427-437.	3.1	29
28	The Effects of 4-Methylethcathinone on Conditioned Place Preference, Locomotor Sensitization, and Anxiety-Like Behavior: A Comparison with Methamphetamine. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv120.	2.1	28
29	Stress-induced sensitization to cocaine: actin cytoskeleton remodeling within mesocorticolimbic nuclei. <i>European Journal of Neuroscience</i> , 2012, 36, 3103-3117.	2.6	25
30	25C-NBOMe, a Novel Designer Psychedelic, Induces Neurotoxicity 50 Times More Potent Than Methamphetamine In Vitro. <i>Neurotoxicity Research</i> , 2019, 35, 993-998.	2.7	20
31	Restoring glutamate homeostasis in the nucleus accumbens via endocannabinoid-mimetic drug prevents relapse to cocaine seeking behavior in rats. <i>Neuropsychopharmacology</i> , 2021, 46, 970-981.	5.4	19
32	Deficits in N-Methyl-D-Aspartate Receptor Function and Synaptic Plasticity in Hippocampal CA1 in APP/PS1 Mouse Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 772980.	3.4	19
33	Differential role of Rac in the basolateral amygdala and cornu ammonis 1 in the reconsolidation of auditory and contextual Pavlovian fear memory in rats. <i>Psychopharmacology</i> , 2014, 231, 2909-2919.	3.1	16
34	Activity-dependent subcellular localization of NAC1. <i>European Journal of Neuroscience</i> , 2005, 22, 397-403.	2.6	13
35	Electroconvulsive shock increases serotonin transporter in the rat frontal cortex. <i>Neuroscience Letters</i> , 2003, 341, 170-172.	2.1	12
36	Attenuated methamphetamine-induced locomotor sensitization in serotonin transporter knockout mice is restored by serotonin 1B receptor antagonist treatment. <i>Behavioural Pharmacology</i> , 2015, 26, 167-179.	1.7	12

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37	Electroconvulsive shock regulates serotonin transporter mRNA expression in rat raphe nucleus. <i>Psychiatry and Clinical Neurosciences</i> , 2001, 55, 75-77.	1.8	11
38	Enduring effects of juvenile social isolation on physiological properties of medium spiny neurons in nucleus accumbens. <i>Psychopharmacology</i> , 2019, 236, 3281-3289.	3.1	10
39	Reinforcing and discriminative-stimulus effects of two pyrrolidine-containing synthetic cathinone derivatives in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 203, 173128.	2.9	10
40	The metabotropic glutamate receptor 2/3 antagonist LY341495 improves working memory in adult mice following juvenile social isolation. <i>Neuropharmacology</i> , 2020, 177, 108231.	4.1	8
41	Tropisetron Facilitates Footshock Suppression of Compulsive Cocaine Seeking. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 574-584.	2.1	7
42	Diminished excitatory synaptic transmission correlates with impaired spatial working memory in neurodevelopmental rodent models of schizophrenia. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 202, 173103.	2.9	7
43	A lasting change in trazodone response after non-convulsive electroshock therapy for medication-resistant senile depression. <i>Psychiatry and Clinical Neurosciences</i> , 1998, 52, 111-113.	1.8	6
44	Changes in Expression of the Mouse Homologues of KIAA Genes after Subchronic Methamphetamine Treatment. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 92-101.	3.8	5
45	Impaired Binocular Depth Perception in First-Episode Drug-Naive Patients With Schizophrenia. <i>Frontiers in Psychology</i> , 2018, 9, 850.	2.1	4
46	Reduced Synaptic Transmission and Intrinsic Excitability of a Subtype of Pyramidal Neurons in the Medial Prefrontal Cortex in a Mouse Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 129-140.	2.6	4
47	2-Fluorodeschloroketamine has similar abuse potential as ketamine. <i>Addiction Biology</i> , 2022, 27, e13171.	2.6	4
48	IRAS/Nischarin modulates morphine reward by glutamate receptor activation in the nucleus accumbens of mouse brain. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113346.	5.6	2
49	Activity-dependent subcellular localization of NAC1, dendrites and glia. <i>European Journal of Neuroscience</i> , 2005, 22, 1552-1552.	2.6	0
50	Inhibition of Actin Polymerization Prevents Cocaine-induced Changes in Spine Morphology in the Nucleus Accumbens. , 2012, , 241-246.		0
51	Inhibition of Actin Polymerization Prevents Cocaine-induced Changes in Spine Morphology in the Nucleus Accumbens. , 2013, , 275-280.		0