

# Matthew C Hearing

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,083  
citations

567281

15  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Repeated N-Acetylcysteine Administration Alters Plasticity-Dependent Effects of Cocaine. <i>Journal of Neuroscience</i> , 2007, 27, 13968-13976.	3.6	202
2	Reversal of morphine-induced cell-type-specific synaptic plasticity in the nucleus accumbens shell blocks reinstatement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 757-762.	7.1	137
3	Repeated Cocaine Weakens GABAB-Girk Signaling in Layer 5/6 Pyramidal Neurons in the Prelimbic Cortex. <i>Neuron</i> , 2013, 80, 159-170.	8.1	111
4	Mechanisms underlying the activation of G-protein-gated inwardly rectifying K <sup>+</sup> (GIRK) channels by the novel anxiolytic drug, ML297. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10755-10760.	7.1	97
5	Opioid and Psychostimulant Plasticity: Targeting Overlap in Nucleus Accumbens Glutamate Signaling. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 276-294.	8.7	74
6	Acute Cocaine Exposure Weakens GABA <sub>B</sub> Receptor-Dependent G-Protein-Gated Inwardly Rectifying K <sup>+</sup> Signaling in Dopamine Neurons of the Ventral Tegmental Area. <i>Journal of Neuroscience</i> , 2011, 31, 12251-12257.	3.6	54
7	GIRK Channels Modulate Opioid-Induced Motor Activity in a Cell Type- and Subunit-Dependent Manner. <i>Journal of Neuroscience</i> , 2015, 35, 7131-7142.	3.6	53
8	Cocaine and Amphetamine Induce Overlapping but Distinct Patterns of AMPAR Plasticity in Nucleus Accumbens Medium Spiny Neurons. <i>Neuropsychopharmacology</i> , 2016, 41, 464-476.	5.4	49
9	Differential GABAB-Receptor-Mediated Effects in Perisomatic- and Dendrite-Targeting Parvalbumin Interneurons. <i>Journal of Neuroscience</i> , 2013, 33, 7961-7974.	3.6	43
10	Cocaine-induced adaptations in metabotropic inhibitory signaling in the mesocorticolimbic system. <i>Reviews in the Neurosciences</i> , 2012, 23, 325-51.	2.9	40
11	Cell-type and region-specific nucleus accumbens AMPAR plasticity associated with morphine reward, reinstatement, and spontaneous withdrawal. <i>Brain Structure and Function</i> , 2019, 224, 2311-2324.	2.3	39
12	Sex differences in GABABR-GIRK signaling in layer 5/6 pyramidal neurons of the mouse prelimbic cortex. <i>Neuropharmacology</i> , 2015, 95, 353-360.	4.1	33
13	Prefrontal-accumbens opioid plasticity: Implications for relapse and dependence. <i>Pharmacological Research</i> , 2019, 139, 158-165.	7.1	29
14	Synaptic Depotential and mGluR5 Activity in the Nucleus Accumbens Drive Cocaine-Primed Reinstatement of Place Preference. <i>Journal of Neuroscience</i> , 2019, 39, 4785-4796.	3.6	25
15	Remifentanyl self-administration in mice promotes sex-specific prefrontal cortex dysfunction underlying deficits in cognitive flexibility. <i>Neuropsychopharmacology</i> , 2021, 46, 1734-1745.	5.4	25
16	Extinction and Reinstatement of Cocaine-seeking in Self-administering Mice is Associated with Bidirectional AMPAR-mediated Plasticity in the Nucleus Accumbens Shell. <i>Neuroscience</i> , 2018, 384, 340-349.	2.3	17
17	Endogenous dopamine and endocannabinoid signaling mediate cocaine-induced reversal of AMPAR synaptic potentiation in the nucleus accumbens shell. <i>Neuropharmacology</i> , 2018, 131, 154-165.	4.1	10
18	Estradiol Regulation of the Prelimbic Cortex and the Reinstatement of Cocaine Seeking in Female Rats. <i>Journal of Neuroscience</i> , 2021, 41, 5303-5314.	3.6	10

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19	Complexes of Ghrelin GHS-R1a, GHS-R1b, and Dopamine D <sub>1</sub> Receptors Localized in the Ventral Tegmental Area as Main Mediators of the Dopaminergic Effects of Ghrelin. <i>Journal of Neuroscience</i> , 2022, 42, 940-953.	3.6	10
20	The Role of Parvalbumin Interneuron GIRK Signaling in the Regulation of Affect and Cognition in Male and Female Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 621751.	2.0	9
21	Suppression of pyramidal neuron G protein-gated inwardly rectifying K <sup>+</sup> channel signaling impairs prelimbic cortical function and underlies stress-induced deficits in cognitive flexibility in male, but not female, mice. <i>Neuropsychopharmacology</i> , 2021, 46, 2158-2169.	5.4	7
22	Neural Circuit Plasticity in Addiction. , 2019, , 35-60.		3
23	Infralimbic cortex pyramidal neuron GIRK signaling contributes to regulation of cognitive flexibility but not affect-related behavior in male mice.. <i>Physiology and Behavior</i> , 2021, 242, 113597.	2.1	3