Thomas Hnasko

List of Publications by Year
in descending order

57	5,750	117625	144013
papers	citations	34 h-index	57 g-index

66	66	66	7088
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dopamine neurons exhibit emergent glutamatergic identity in Parkinsonâ€™s disease. Brain, 2022, 145, 879-886.	7.6	17
2	Disruption of VGLUT1 in Cholinergic Medial Habenula Projections Increases Nicotine Self-Administration. ENeuro, 2022, 9, ENEURO.0481-21.2021.	1.9	7
3	Modulation of Ventromedial Orbitofrontal Cortical Glutamatergic Activity Affects the Explore/Exploit Trade-Off and Influences Reward-Related Decision-Making. Biological Psychiatry, 2022, 91, S6.	1.3	0
4	Genetic Probe for Visualizing Glutamatergic Synapses and Vesicles by 3D Electron Microscopy. ACS Chemical Neuroscience, 2021, 12, 626-639.	3.5	4
5	Mechanism for differential recruitment of orbitostriatal transmission during actions and outcomes following chronic alcohol exposure. ELife, 2021, 10, .	6.0	16
6	Vesicular glutamate transporter modulates sex differences in dopamine neuron vulnerability to ageâ€related neurodegeneration. Aging Cell, 2021, 20, e13365.	6.7	20
7	Ventral Pallidum GABA Neurons Mediate Motivation Underlying Risky Choice. Journal of Neuroscience, 2021, 41, 4500-4513.	3.6	24
8	Therapeutically viable generation of neurons with antisense oligonucleotide suppression of PTB. Nature Neuroscience, 2021, 24, 1089-1099.	14.8	40
9	Circulating Triglycerides Gate Dopamine-Associated Behaviors through DRD2-Expressing Neurons. Cell Metabolism, 2020, 31, 773-790.e11.	16.2	52
10	VTA Glutamate Neuron Activity Drives Positive Reinforcement Absent Dopamine Co-release. Neuron, 2020, 107, 864-873.e4.	8.1	85
11	Alcohol dependence potentiates substance P/neurokinin-1 receptor signaling in the rat central nucleus of amygdala. Science Advances, 2020, 6, eaaz1050.	10.3	21
12	Activation of Subthalamic Nucleus Stop Circuit Disrupts Cognitive Performance. ENeuro, 2020, 7, ENEURO.0159-20.2020.	1.9	16
13	Ventral pallidum is essential for cocaine relapse after voluntary abstinence in rats. Neuropsychopharmacology, 2019, 44, 2174-2185.	5.4	43
14	Neonatal Nicotine Exposure Primes Midbrain Neurons to a Dopaminergic Phenotype and Increases Adult Drug Consumption. Biological Psychiatry, 2019, 86, 344-355.	1.3	31
15	The NeuroD6 Subtype of VTA Neurons Contributes to Psychostimulant Sensitization and Behavioral Reinforcement. ENeuro, 2019, 6, ENEURO.0066-19.2019.	1.9	34
16	Differential Expression of VGLUT2 in Mouse Mesopontine Cholinergic Neurons. ENeuro, 2019, 6, ENEURO.0161-19.2019.	1.9	18
17	Opponent control of behavioral reinforcement by inhibitory and excitatory projections from the ventral pallidum. Nature Communications, 2018, 9, 849.	12.8	145
18	Genetic inhibition of neurotransmission reveals role of glutamatergic input to dopamine neurons in high-effort behavior. Molecular Psychiatry, 2018, 23, 1213-1225.	7.9	13

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19	Role for VGLUT2 in selective vulnerability of midbrain dopamine neurons. Journal of Clinical Investigation, 2018, 128, 774-788.	8.2	72
20	Disrupting Glutamate Co-transmission Does Not Affect Acquisition of Conditioned Behavior Reinforced by Dopamine Neuron Activation. Cell Reports, 2017, 18, 2584-2591.	6.4	42
21	Activation of Pedunculopontine Glutamate Neurons Is Reinforcing. Journal of Neuroscience, 2017, 37, 38-46.	3.6	47
22	Activation of Pedunculopontine Glutamate Neurons Is Reinforcing. Journal of Neuroscience, 2017, 37, 38-46.	3.6	8
23	Causal role for the subthalamic nucleus in interrupting behavior. ELife, 2017, 6, .	6.0	74
24	Ventral tegmental area glutamate neurons co-release GABA and promote positive reinforcement. Nature Communications, 2016, 7, 13697.	12.8	151
25	Genetic Isolation of Hypothalamic Neurons that Regulate Context-Specific Male Social Behavior. Cell Reports, 2016, 16, 304-313.	6.4	49
26	Afferent Inputs to Neurotransmitter-Defined Cell Types in the Ventral Tegmental Area. Cell Reports, 2016, 15, 2796-2808.	6.4	145
27	Dietary triglycerides as signaling molecules that influence reward and motivation. Current Opinion in Behavioral Sciences, 2016, 9, 126-135.	3.9	12
28	Sex-dependent changes in metabolism and behavior, as well as reduced anxiety after eliminating ventromedial hypothalamus excitatory output. Molecular Metabolism, 2015, 4, 857-866.	6.5	37
29	Palatability Can Drive Feeding Independent of AgRP Neurons. Cell Metabolism, 2015, 22, 646-657.	16.2	122
30	The Western Blot. Methods in Molecular Biology, 2015, 1318, 87-96.	0.9	126
31	Tyramide Signal Amplification for Immunofluorescent Enhancement. Methods in Molecular Biology, 2015, 1318, 161-172.	0.9	51
32	Loss of Mitochondrial Fission Depletes Axonal Mitochondria in Midbrain Dopamine Neurons. Journal of Neuroscience, 2014, 34, 14304-14317.	3.6	165
33	The multilingual nature of dopamine neurons. Progress in Brain Research, 2014, 211, 141-164.	1.4	121
34	Dietary triglycerides act on mesolimbic structures to regulate the rewarding and motivational aspects of feeding. Molecular Psychiatry, 2014, 19, 1095-1105.	7.9	54
35	Laminar and Columnar Development of Barrel Cortex Relies on Thalamocortical Neurotransmission. Neuron, 2013, 79, 970-986.	8.1	132
36	Circuits for Grasping: Spinal dI3 Interneurons Mediate Cutaneous Control of Motor Behavior. Neuron, 2013, 78, 191-204.	8.1	121

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37	Glutamatergic Neurotransmission from Melanopsin Retinal Ganglion Cells Is Required for Neonatal Photoaversion but Not Adult Pupillary Light Reflex. PLoS ONE, 2013, 8, e83974.	2.5	19
38	Ventral Tegmental Area Glutamate Neurons: Electrophysiological Properties and Projections. Journal of Neuroscience, 2012, 32, 15076-15085.	3.6	237
39	Neurotransmitter Corelease: Mechanism and Physiological Role. Annual Review of Physiology, 2012, 74, 225-243.	13.1	238
40	Presynaptic regulation of quantal size: K+/H+ exchange stimulates vesicular glutamate transport. Nature Neuroscience, 2011, 14, 1285-1292.	14.8	66
41	Pathway-Specific Genetic Attenuation of Glutamate Release Alters Select Features of Competition-Based Visual Circuit Refinement. Neuron, 2011, 71, 235-242.	8.1	55
42	Identification of Minimal Neuronal Networks Involved in Flexor-Extensor Alternation in the Mammalian Spinal Cord. Neuron, 2011, 71, 1071-1084.	8.1	79
43	VGLUT2 expression in primary afferent neurons is essential for normal acute pain and injury-induced heat hypersensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22296-22301.	7.1	98
44	Vesicular Glutamate Transport Promotes Dopamine Storage and Glutamate Corelease In Vivo. Neuron, 2010, 65, 643-656.	8.1	363
45	Dopaminergic Terminals in the Nucleus Accumbens But Not the Dorsal Striatum Corelease Glutamate. Journal of Neuroscience, 2010, 30, 8229-8233.	3.6	467
46	Activation of the kappa opioid receptor in the dorsal raphe nucleus mediates the aversive effects of stress and reinstates drug seeking. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19168-19173.	7.1	263
47	Cocaine-Conditioned Place Preference by Dopamine-Deficient Mice Is Mediated by Serotonin. Journal of Neuroscience, 2007, 27, 12484-12488.	3.6	89
48	Genetic Disruption of Dopamine Production Results in Pituitary Adenomas and Severe Prolactinemia. Neuroendocrinology, 2007, 86, 48-57.	2.5	14
49	Viral restoration of dopamine signaling to the dorsal striatum restores instrumental conditioning to dopamine-deficient mice. Psychopharmacology, 2007, 191, 567-578.	3.1	62
50	Synaptic Vesicles: Half Full or Half Empty?. Neuron, 2006, 51, 523-524.	8.1	2
51	Cre recombinase-mediated restoration of nigrostriatal dopamine in dopamine-deficient mice reverses hypophagia and bradykinesia. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8858-8863.	7.1	196
52	Morphine reward in dopamine-deficient mice. Nature, 2005, 438, 854-857.	27.8	235
53	Dysregulation of dopamine signaling in the dorsal striatum inhibits feeding. Brain Research, 2005, 1061, 88-96.	2.2	96
54	NPY/AgRP Neurons Are Essential for Feeding in Adult Mice but Can Be Ablated in Neonates. Science, 2005, 310, 683-685.	12.6	968

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55	A role for dopamine in feeding responses produced by orexigenic agents. Brain Research, 2004, 1023, 309-318.	2.2	31
56	Viral restoration of dopamine to the nucleus accumbens is sufficient to induce a locomotor response to amphetamine. Brain Research, 2003, 980, 266-274.	2.2	43
57	The Dopamine Receptor Subtype 2 (DRD2) Regulates the Central Reinforcing Actions of Dietary Lipids in Humans and Rodents. SSRN Electronic Journal, 0, , .	0.4	1