John F Neumaier

List of Publications by Year
in descending order

45 papers	2,392 citations	361413 20 h-index	254184 43 g-index
50 all docs	50 docs citations	50 times ranked	2948 citing authors

#	Article	IF	Citations
1	A cAMP-Related Gene Network in Microglia Is Inversely Regulated by Morphine Tolerance and Withdrawal. Biological Psychiatry Global Open Science, 2022, 2, 180-189.	2.2	14
2	Stress decreases serotonin tone in the nucleus accumbens in male mice to promote aversion and potentiate cocaine preference via decreased stimulation of 5-HT1B receptors. Neuropsychopharmacology, 2022, 47, 891-901.	5.4	13
3	<scp>PACAP</scp>â€expressing neurons in the lateral habenula diminish negative emotional valence. Genes, Brain and Behavior, 2022, 21, e12801.	2.2	7
4	Effect of chemogenetic inhibition of lateral habenula neuronal activity on cocaineâ€•and foodâ€seeking behaviors in the rat. Addiction Biology, 2021, 26, e12865.	2.6	12
5	Striatal Rgs4 regulates feeding and susceptibility to diet-induced obesity. Molecular Psychiatry, 2020, 25, 2058-2069.	7.9	14
6	Stress induces divergent gene expression among lateral habenula efferent pathways. Neurobiology of Stress, 2020, 13, 100268.	4.0	7
7	Sequencing the serotonergic neuron translatome reveals a new role for Fkbp5 in stress. Molecular Psychiatry, 2020, 26, 4742-4753.	7.9	15
8	Chemogenetic inhibition of lateral habenula projections to the dorsal raphe nucleus reduces passive coping and perseverative reward seeking in rats. Neuropsychopharmacology, 2020, 45, 1115-1124.	5.4	31
9	Serotonin regulation of striatal function. Handbook of Behavioral Neuroscience, 2020, , 321-335.	0.7	1
10	Convergent neural connectivity in motor impulsivity and high-fat food binge-like eating in male Sprague-Dawley rats. Neuropsychopharmacology, 2019, 44, 1752-1761.	5.4	27
11	5-HT_{1B} Receptor-Mediated Activation of ERK1/2 Requires Both GÎ±_{i/o} and Î²-Arrestin Proteins. ACS Chemical Neuroscience, 2019, 10, 3143-3153.	3.5	10
12	DeepSqueak: a deep learning-based system for detection and analysis of ultrasonic vocalizations. Neuropsychopharmacology, 2019, 44, 859-868.	5.4	194
13	The paraventricular thalamus is a critical mediator of top-down control of cue-motivated behavior in rats. ELife, 2019, 8, .	6.0	68
14	Restoration of Physiological Expression of 5-HT₆ Receptor into the Primary Cilia of Null Mutant Neurons Lengthens Both Primary Cilia and Dendrites. Molecular Pharmacology, 2018, 94, 731-742.	2.3	26
15	Loss of glutamate signaling from the thalamus to dorsal striatum impairs motor function and slows the execution of learned behaviors. Npj Parkinson's Disease, 2018, 4, 23.	5.3	19
16	5-HT 6 receptor blockade regulates primary cilia morphology in striatal neurons. Brain Research, 2017, 1660, 10-19.	2.2	50
17	Antiepileptic action of c-Jun N-terminal kinase (JNK) inhibition in an animal model of temporal lobe epilepsy. Neuroscience, 2017, 349, 35-47.	2.3	29
18	Striatal 5-HT 1B Receptors and Aggression. Biological Psychiatry, 2017, 82, 235-236.	1.3	1

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19	Chemogenetic inhibition reveals midline thalamic nuclei and thalamoâ€accumbens projections mediate cocaineâ€seeking in rats. European Journal of Neuroscience, 2017, 46, 1850-1862.	2.6	18
20	Striatal 5-HT6 Receptors Regulate Cocaine Reinforcement in a Pathway-Selective Manner. Neuropsychopharmacology, 2016, 41, 2377-2387.	5.4	15
21	RiboTag: Not Lost in Translation. Neuropsychopharmacology, 2016, 41, 374-376.	5.4	7
22	RiboTag is a flexible tool for measuring the translational state of targeted cells in heterogeneous cell cultures. BioTechniques, 2015, 58, 308-317.	1.8	20
23	Using DREADDs to investigate addiction behaviors. Current Opinion in Behavioral Sciences, 2015, 2, 69-72.	3.9	8
24	DREADDâ€™ed Addiction: Using Designer Receptors to Delineate Neural Circuits Underlying Drug-Seeking Behaviors. Neuromethods, 2015, , 129-145.	0.3	2
25	Differential effect of viral overexpression of nucleus accumbens shell 5-HT1B receptors on stress- and cocaine priming-induced reinstatement of cocaine seeking. Pharmacology Biochemistry and Behavior, 2013, 112, 89-95.	2.9	15
26	Direct-Pathway Striatal Neurons Regulate the Retention of Decision-Making Strategies. Journal of Neuroscience, 2013, 33, 11668-11676.	3.6	77
27	DREADDing the lateral habenula: A review of methodological approaches for studying lateral habenula function. Brain Research, 2013, 1511, 93-101.	2.2	62
28	Protracted Withdrawal from Cocaine Self-Administration Flips the Switch on 5-HT1B Receptor Modulation of Cocaine Abuse-Related Behaviors. Biological Psychiatry, 2012, 72, 396-404.	1.3	40
29	Stress Produces Aversion and Potentiates Cocaine Reward by Releasing Endogenous Dynorphins in the Ventral Striatum to Locally Stimulate Serotonin Reuptake. Journal of Neuroscience, 2012, 32, 17582-17596.	3.6	96
30	Serotonin 1B Autoreceptors Originating in the Caudal Dorsal Raphe Nucleus Reduce Expression of Fear and Depression-Like Behavior. Biological Psychiatry, 2011, 69, 780-787.	1.3	55
31	5-HT1B mRNA expression after chronic social stress. Behavioural Brain Research, 2011, 224, 350-357.	2.2	21
32	Selective p38Î± MAPK Deletion in Serotonergic Neurons Produces Stress Resilience in Models of Depression and Addiction. Neuron, 2011, 71, 498-511.	8.1	226
33	Transient neuronal inhibition reveals opposing roles of indirect and direct pathways in sensitization. Nature Neuroscience, 2011, 14, 22-24.	14.8	377
34	Increased expression of 5â€HT₆ receptors in dorsolateral striatum decreases habitual lever pressing, but does not affect learning acquisition of simple operant tasks in rats. European Journal of Neuroscience, 2011, 34, 343-351.	2.6	21
35	Serotonin 1B Receptor Imaging in Alcohol Dependence. Biological Psychiatry, 2010, 67, 800-803.	1.3	69
36	Pairing mild stress with increased serotoninâ€1B receptor expression in the nucleus accumbens increases susceptibility to amphetamine. European Journal of Neuroscience, 2009, 30, 1576-1584.	2.6	16

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37	Acquisition of and withdrawal from cocaine selfâ€administration regulates 5â€HT_{1B} mRNA expression in rat striatum. Journal of Neurochemistry, 2009, 111, 217-227.	3.9	20
38	Increased Expression of 5-HT6 Receptors in the Nucleus Accumbens Blocks the Rewarding But Not Psychomotor Activating Properties of Cocaine. Biological Psychiatry, 2008, 63, 207-213.	1.3	46
39	Increased Expression of 5-HT6 Receptors in the Rat Dorsomedial Striatum Impairs Instrumental Learning. Neuropsychopharmacology, 2007, 32, 1520-1530.	5.4	73
40	5-HT1B receptors in nucleus accumbens efferents enhance both rewarding and aversive effects of cocaine. European Journal of Neuroscience, 2007, 25, 3125-3131.	2.6	56
41	5-HT6 receptors: a novel target for cognitive enhancement. , 2005, 108, 320-333.		213
42	Gene therapy in psychiatric disorders: too early, too complex?. Current Opinion in Pharmacology, 2003, 3, 68-72.	3.5	2
43	5-HT1B mrna regulation in two animal models of altered stress reactivity. Biological Psychiatry, 2002, 51, 902-908.	1.3	73
44	Elevated Expression of 5-HT_{1B}Receptors in Nucleus Accumbens Efferents Sensitizes Animals to Cocaine. Journal of Neuroscience, 2002, 22, 10856-10863.	3.6	107
45	Overexpression of 5-HT1B Receptor in Dorsal Raphe Nucleus Using Herpes Simplex Virus Gene Transfer Increases Anxiety Behavior after Inescapable Stress. Journal of Neuroscience, 2002, 22, 4550-4562.	3.6	115