

# John F Neumaier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3239949/publications.pdf>

Version: 2024-02-01

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	Transient neuronal inhibition reveals opposing roles of indirect and direct pathways in sensitization. <i>Nature Neuroscience</i> , 2011, 14, 22-24.	14.8	377
2	Selective p38 $\beta$ MAPK Deletion in Serotonergic Neurons Produces Stress Resilience in Models of Depression and Addiction. <i>Neuron</i> , 2011, 71, 498-511.	8.1	226
3	5-HT <sub>6</sub> receptors: a novel target for cognitive enhancement. , 2005, 108, 320-333.		213
4	DeepSqueak: a deep learning-based system for detection and analysis of ultrasonic vocalizations. <i>Neuropsychopharmacology</i> , 2019, 44, 859-868.	5.4	194
5	Overexpression of 5-HT <sub>1B</sub> Receptor in Dorsal Raphe Nucleus Using Herpes Simplex Virus Gene Transfer Increases Anxiety Behavior after Inescapable Stress. <i>Journal of Neuroscience</i> , 2002, 22, 4550-4562.	3.6	115
6	Elevated Expression of 5-HT <sub>1B</sub> Receptors in Nucleus Accumbens Efferents Sensitizes Animals to Cocaine. <i>Journal of Neuroscience</i> , 2002, 22, 10856-10863.	3.6	107
7	Stress Produces Aversion and Potentiates Cocaine Reward by Releasing Endogenous Dynorphins in the Ventral Striatum to Locally Stimulate Serotonin Reuptake. <i>Journal of Neuroscience</i> , 2012, 32, 17582-17596.	3.6	96
8	Direct-Pathway Striatal Neurons Regulate the Retention of Decision-Making Strategies. <i>Journal of Neuroscience</i> , 2013, 33, 11668-11676.	3.6	77
9	5-HT <sub>1B</sub> mRNA regulation in two animal models of altered stress reactivity. <i>Biological Psychiatry</i> , 2002, 51, 902-908.	1.3	73
10	Increased Expression of 5-HT <sub>6</sub> Receptors in the Rat Dorsomedial Striatum Impairs Instrumental Learning. <i>Neuropsychopharmacology</i> , 2007, 32, 1520-1530.	5.4	73
11	Serotonin 1B Receptor Imaging in Alcohol Dependence. <i>Biological Psychiatry</i> , 2010, 67, 800-803.	1.3	69
12	The paraventricular thalamus is a critical mediator of top-down control of cue-motivated behavior in rats. <i>ELife</i> , 2019, 8, .	6.0	68
13	DREADDing the lateral habenula: A review of methodological approaches for studying lateral habenula function. <i>Brain Research</i> , 2013, 1511, 93-101.	2.2	62
14	5-HT <sub>1B</sub> receptors in nucleus accumbens efferents enhance both rewarding and aversive effects of cocaine. <i>European Journal of Neuroscience</i> , 2007, 25, 3125-3131.	2.6	56
15	Serotonin 1B Autoreceptors Originating in the Caudal Dorsal Raphe Nucleus Reduce Expression of Fear and Depression-Like Behavior. <i>Biological Psychiatry</i> , 2011, 69, 780-787.	1.3	55
16	5-HT <sub>6</sub> receptor blockade regulates primary cilia morphology in striatal neurons. <i>Brain Research</i> , 2017, 1660, 10-19.	2.2	50
17	Increased Expression of 5-HT <sub>6</sub> Receptors in the Nucleus Accumbens Blocks the Rewarding But Not Psychomotor Activating Properties of Cocaine. <i>Biological Psychiatry</i> , 2008, 63, 207-213.	1.3	46
18	Protracted Withdrawal from Cocaine Self-Administration Flips the Switch on 5-HT <sub>1B</sub> Receptor Modulation of Cocaine Abuse-Related Behaviors. <i>Biological Psychiatry</i> , 2012, 72, 396-404.	1.3	40

#	ARTICLE	IF	CITATIONS
19	Chemogenetic inhibition of lateral habenula projections to the dorsal raphe nucleus reduces passive coping and perseverative reward seeking in rats. <i>Neuropsychopharmacology</i> , 2020, 45, 1115-1124.	5.4	31
20	Antiepileptic action of c-Jun N-terminal kinase (JNK) inhibition in an animal model of temporal lobe epilepsy. <i>Neuroscience</i> , 2017, 349, 35-47.	2.3	29
21	Convergent neural connectivity in motor impulsivity and high-fat food binge-like eating in male Sprague-Dawley rats. <i>Neuropsychopharmacology</i> , 2019, 44, 1752-1761.	5.4	27
22	Restoration of Physiological Expression of 5-HT <sub>6</sub> Receptor into the Primary Cilia of Null Mutant Neurons Lengthens Both Primary Cilia and Dendrites. <i>Molecular Pharmacology</i> , 2018, 94, 731-742.	2.3	26
23	5-HT <sub>1B</sub> mRNA expression after chronic social stress. <i>Behavioural Brain Research</i> , 2011, 224, 350-357.	2.2	21
24	Increased expression of 5-HT <sub>6</sub> receptors in dorsolateral striatum decreases habitual lever pressing, but does not affect learning acquisition of simple operant tasks in rats. <i>European Journal of Neuroscience</i> , 2011, 34, 343-351.	2.6	21
25	Acquisition of and withdrawal from cocaine self-administration regulates 5-HT <sub>1B</sub> mRNA expression in rat striatum. <i>Journal of Neurochemistry</i> , 2009, 111, 217-227.	3.9	20
26	RiboTag is a flexible tool for measuring the translational state of targeted cells in heterogeneous cell cultures. <i>BioTechniques</i> , 2015, 58, 308-317.	1.8	20
27	Loss of glutamate signaling from the thalamus to dorsal striatum impairs motor function and slows the execution of learned behaviors. <i>Npj Parkinson's Disease</i> , 2018, 4, 23.	5.3	19
28	Chemogenetic inhibition reveals midline thalamic nuclei and thalamo-accumbens projections mediate cocaine seeking in rats. <i>European Journal of Neuroscience</i> , 2017, 46, 1850-1862.	2.6	18
29	Pairing mild stress with increased serotonin <sub>1B</sub> receptor expression in the nucleus accumbens increases susceptibility to amphetamine. <i>European Journal of Neuroscience</i> , 2009, 30, 1576-1584.	2.6	16
30	Differential effect of viral overexpression of nucleus accumbens shell 5-HT <sub>1B</sub> receptors on stress- and cocaine priming-induced reinstatement of cocaine seeking. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 112, 89-95.	2.9	15
31	Striatal 5-HT <sub>6</sub> Receptors Regulate Cocaine Reinforcement in a Pathway-Selective Manner. <i>Neuropsychopharmacology</i> , 2016, 41, 2377-2387.	5.4	15
32	Sequencing the serotonergic neuron transcriptome reveals a new role for Fkbp5 in stress. <i>Molecular Psychiatry</i> , 2020, 26, 4742-4753.	7.9	15
33	Striatal Rgs4 regulates feeding and susceptibility to diet-induced obesity. <i>Molecular Psychiatry</i> , 2020, 25, 2058-2069.	7.9	14
34	A cAMP-Related Gene Network in Microglia Is Inversely Regulated by Morphine Tolerance and Withdrawal. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 180-189.	2.2	14
35	Stress decreases serotonin tone in the nucleus accumbens in male mice to promote aversion and potentiate cocaine preference via decreased stimulation of 5-HT <sub>1B</sub> receptors. <i>Neuropsychopharmacology</i> , 2022, 47, 891-901.	5.4	13
36	Effect of chemogenetic inhibition of lateral habenula neuronal activity on cocaine and food seeking behaviors in the rat. <i>Addiction Biology</i> , 2021, 26, e12865.	2.6	12

#	ARTICLE	IF	CITATIONS
37	5-HT <sub>1B</sub> Receptor-Mediated Activation of ERK1/2 Requires Both G <sub>i/o</sub> and G <sub>12</sub> -Arrestin Proteins. ACS Chemical Neuroscience, 2019, 10, 3143-3153.	3.5	10
38	Using DREADDs to investigate addiction behaviors. Current Opinion in Behavioral Sciences, 2015, 2, 69-72.	3.9	8
39	RiboTag: Not Lost in Translation. Neuropsychopharmacology, 2016, 41, 374-376.	5.4	7
40	Stress induces divergent gene expression among lateral habenula efferent pathways. Neurobiology of Stress, 2020, 13, 100268.	4.0	7
41	<scp>PACAP</scp>-expressing neurons in the lateral habenula diminish negative emotional valence. Genes, Brain and Behavior, 2022, 21, e12801.	2.2	7
42	Gene therapy in psychiatric disorders: too early, too complex?. Current Opinion in Pharmacology, 2003, 3, 68-72.	3.5	2
43	DREADD <sup>TM</sup> ed Addiction: Using Designer Receptors to Delineate Neural Circuits Underlying Drug-Seeking Behaviors. Neuromethods, 2015, , 129-145.	0.3	2
44	Striatal 5-HT 1B Receptors and Aggression. Biological Psychiatry, 2017, 82, 235-236.	1.3	1
45	Serotonin regulation of striatal function. Handbook of Behavioral Neuroscience, 2020, , 321-335.	0.7	1