

John T Williams

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2704783/publications.pdf>

Version: 2024-02-01

20
papers

2,187
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

2926
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast neuronal imaging of dopamine dynamics with designed genetically encoded sensors. <i>Science</i> , 2018, 360, .	12.6	773
2	Cellular and Synaptic Adaptations Mediating Opioid Dependence. <i>Physiological Reviews</i> , 2001, 81, 299-343.	28.8	725
3	Separate GABA Afferents to Dopamine Neurons Mediate Acute Action of Opioids, Development of Tolerance, and Expression of Withdrawal. <i>Neuron</i> , 2014, 82, 1346-1356.	8.1	176
4	The Evolving Understanding of Dopamine Neurons in the Substantia Nigra and Ventral Tegmental Area. <i>Annual Review of Physiology</i> , 2018, 80, 219-241.	13.1	82
5	Cholinergic Interneurons Underlie Spontaneous Dopamine Release in Nucleus Accumbens. <i>Journal of Neuroscience</i> , 2017, 37, 2086-2096.	3.6	61
6	Agonist-Specific Regulation of μ -Opioid Receptor Desensitization and Recovery from Desensitization. <i>Molecular Pharmacology</i> , 2008, 73, 1301-1308.	2.3	47
7	Desensitized D2 autoreceptors are resistant to trafficking. <i>Scientific Reports</i> , 2017, 7, 4379.	3.3	42
8	Cellular tolerance at the μ -opioid receptor is phosphorylation dependent. <i>ELife</i> , 2018, 7, .	6.0	40
9	Imaging neuromodulators with high spatiotemporal resolution using genetically encoded indicators. <i>Nature Protocols</i> , 2019, 14, 3471-3505.	12.0	33
10	RIM is essential for stimulated but not spontaneous somatodendritic dopamine release in the midbrain. <i>ELife</i> , 2019, 8, .	6.0	33
11	Visualizing endogenous opioid receptors in living neurons using ligand-directed chemistry. <i>ELife</i> , 2019, 8, .	6.0	30
12	Desensitization of Functional μ -Opioid Receptors Increases Agonist Off-Rate. <i>Molecular Pharmacology</i> , 2014, 86, 52-61.	2.3	23
13	Does PKC activation increase the homologous desensitization of μ opioid receptors?. <i>British Journal of Pharmacology</i> , 2015, 172, 583-592.	5.4	20
14	Separation of Acute Desensitization and Long-Term Tolerance of μ -Opioid Receptors Is Determined by the Degree of C-Terminal Phosphorylation. <i>Molecular Pharmacology</i> , 2019, 96, 505-514.	2.3	20
15	A Gain-of-Function Variant in Dopamine D2 Receptor and Progressive Chorea and Dystonia Phenotype. <i>Movement Disorders</i> , 2021, 36, 729-739.	3.9	20
16	Chronic Treatment with Morphine Disrupts Acute Kinase-Dependent Desensitization of GPCRs. <i>Molecular Pharmacology</i> , 2020, 98, 497-507.	2.3	18
17	Photoactivatable Dopamine and Sulpiride to Explore the Function of Dopaminergic Neurons and Circuits. <i>ACS Chemical Neuroscience</i> , 2020, 11, 939-951.	3.5	18
18	Cocaine-induced adaptation of dopamine D2S , but not D2L autoreceptors. <i>ELife</i> , 2017, 6, .	6.0	9

#	ARTICLE	IF	CITATIONS
19	Signaling-Biased and Constitutively Active Dopamine D2 Receptor Variant. ACS Chemical Neuroscience, 2021, 12, 1873-1884.	3.5	9
20	Subcellular localization of D2 receptors in the murine substantia nigra. Brain Structure and Function, 2022, 227, 925-941.	2.3	8