Anthony R West

List of Publications by Year
in descending order

42 papers	1,890 citations	304743 22 h-index	302126 39 g-index
47 all docs	47 docs citations	47 times ranked	1914 citing authors

#	Article	IF	Citations
1	Phosphodiesterase 10A (PDE10A): Regulator of Dopamine Agonist-Induced Gene Expression in the Striatum. Cells, 2022, 11, 2214.	4.1	3
2	Role of 5-HT1A Receptor in Vilazodone-Mediated Suppression of L-DOPA-Induced Dyskinesia and Increased Responsiveness to Cortical Input in Striatal Medium Spiny Neurons in an Animal Model of Parkinsonâ€™s Disease. Molecules, 2021, 26, 5790.	3.8	9
3	Selective Regulation of 5-HT1B Serotonin Receptor Expression in the Striatum by Dopamine Depletion and Repeated L-DOPA Treatment: Relationship to L-DOPA-Induced Dyskinesias. Molecular Neurobiology, 2020, 57, 736-751.	4.0	15
4	The Multimodal Serotonergic Agent Vilazodone Inhibits L-DOPA-Induced Gene Regulation in Striatal Projection Neurons and Associated Dyskinesia in an Animal Model of Parkinsonâ€™s Disease. Cells, 2020, 9, 2265.	4.1	12
5	Phosphodiesterase 9A Inhibition Facilitates Corticostriatal Transmission in Wild-Type and Transgenic Rats That Model Huntingtonâ€™s Disease. Frontiers in Neuroscience, 2020, 14, 466.	2.8	6
6	Striatal Nurr1 Facilitates the Dyskinetic State and Exacerbates Levodopa-Induced Dyskinesia in a Rat Model of Parkinson's Disease. Journal of Neuroscience, 2020, 40, 3675-3691.	3.6	15
7	Reduced presynaptic vesicle stores mediate cellular and network plasticity defects in an early-stage mouse model of Alzheimerâ€™s disease. Molecular Neurodegeneration, 2019, 14, 7.	10.8	52
8	Age- and sex-related changes in cortical and striatal nitric oxide synthase in the Q175 mouse model of Huntington's disease. Nitric Oxide - Biology and Chemistry, 2019, 83, 40-50.	2.7	24
9	Regulation of dopamine neurotransmission from serotonergic neurons by ectopic expression of the dopamine D2 autoreceptor blocks levodopa-induced dyskinesia. Acta Neuropathologica Communications, 2019, 7, 8.	5.2	50
10	Frequency-Dependent Corticostriatal Disinhibition Resulting from Chronic Dopamine Depletion: Role of Local Striatal cGMP and GABA-AR Signaling. Cerebral Cortex, 2017, 27, bhv241.	2.9	10
11	Electrical stimulation of the hippocampal fimbria facilitates neuronal nitric oxide synthase activity in the medial shell of the rat nucleus accumbens: Modulation by dopamine D1 and D2 receptor activation. Neuropharmacology, 2017, 126, 151-157.	4.1	14
12	Impact of Vortioxetine on Synaptic Integration in Prefrontal-Subcortical Circuits: Comparisons with Escitalopram. Frontiers in Pharmacology, 2017, 8, 764.	3.5	12
13	Regulation of Striatal Neuron Activity by Cyclic Nucleotide Signaling and Phosphodiesterase Inhibition: Implications for the Treatment of Parkinsonâ€™s Disease. Advances in Neurobiology, 2017, 17, 257-283.	1.8	17
14	Neurophysiological Approaches for In Vivo Neuropharmacology. Neuromethods, 2017, , 253-292.	0.3	0
15	Phosphodiesterase 10A Inhibition Improves Cortico-Basal Ganglia Function in Huntingtonâ€™s Disease Models. Neuron, 2016, 92, 1220-1237.	8.1	92
16	Facilitation of Corticostriatal Transmission following Pharmacological Inhibition of Striatal Phosphodiesterase 10A: Role of Nitric Oxide-Soluble Guanylyl Cyclase-cGMP Signaling Pathways. Journal of Neuroscience, 2015, 35, 5781-5791.	3.6	47
17	Nitric Oxide Signaling Is Recruited As a Compensatory Mechanism for Sustaining Synaptic Plasticity in Alzheimer's Disease Mice. Journal of Neuroscience, 2015, 35, 6893-6902.	3.6	73
18	Impact of neonatal NOS-1 inhibitor exposure on neurobehavioural measures and prefrontal-temporolimbic integration in the rat nucleus accumbens. International Journal of Neuropsychopharmacology, 2014, 17, 275-287.	2.1	7

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19	AMPA receptor upregulation in the nucleus accumbens shell of cocaine-sensitized rats depends upon S-nitrosylation of stargazin. Neuropharmacology, 2014, 77, 28-38.	4.1	19
20	Modulation of striatal neuron activity by cyclic nucleotide signalling and phosphodiesterase inhibition. Basal Ganglia, 2013, 3, 137-146.	0.3	50
21	Dopaminergic modulation of nitric oxide synthase activity in subregions of the rat nucleus accumbens. Synapse, 2012, 66, 220-231.	1.2	16
22	Nitric Oxideâ€“Soluble Guanylyl Cyclaseâ€“Cyclic GMP Signaling in the Striatum: New Targets for the Treatment of Parkinson's Disease?. Frontiers in Systems Neuroscience, 2011, 5, 55.	2.5	59
23	Inhibition of Striatal Soluble Guanylyl Cyclase-cGMP Signaling Reverses Basal Ganglia Dysfunction and Akinesia in Experimental Parkinsonism. PLoS ONE, 2011, 6, e27187.	2.5	42
24	Impact of dopamineâ€“glutamate interactions on striatal neuronal nitric oxide synthase activity. Psychopharmacology, 2010, 207, 571-581.	3.1	47
25	Interactions between Procedural Learning and Cocaine Exposure Alter Spontaneous and Cortically Evoked Spike Activity in the Dorsal Striatum. Frontiers in Neuroscience, 2010, 4, 206.	2.8	1
26	Nitric Oxide Signaling in the Striatum. Handbook of Behavioral Neuroscience, 2010, , 187-200.	0.7	3
27	Nitric oxide-soluble guanylyl cyclase signaling regulates corticostriatal transmission and short-term synaptic plasticity of striatal projection neurons recorded in vivo. Neuropharmacology, 2010, 58, 624-631.	4.1	44
28	Inhibition of Phosphodiesterase 10A Increases the Responsiveness of Striatal Projection Neurons to Cortical Stimulation. Journal of Pharmacology and Experimental Therapeutics, 2009, 328, 785-795.	2.5	119
29	Regulation of striatal nitric oxide synthesis by local dopamine and glutamate interactions. Journal of Neurochemistry, 2009, 111, 1457-1465.	3.9	41
30	Acute cocaine administration increases NO efflux in the rat prefrontal cortex via a neuronal NOSâ€dependent mechanism. Synapse, 2008, 62, 710-713.	1.2	23
31	Feed-forward excitation of striatal neuron activity by frontal cortical activation of nitric oxide signaling in vivo. European Journal of Neuroscience, 2008, 27, 1739-1754.	2.6	41
32	Frontal cortical afferents facilitate striatal nitric oxide transmission in vivo via a NMDA receptor and neuronal NOSâ€dependent mechanism. Journal of Neurochemistry, 2007, 103, 1145-1156.	3.9	57
33	Dopamine D2 receptor-dependent modulation of striatal NO synthase activity. Psychopharmacology, 2007, 191, 793-803.	3.1	63
34	Phasic Dopaminergic Transmission Increases NO Efflux in the Rat Dorsal Striatum via a Neuronal NOS and a Dopamine D1/5 Receptor-Dependent Mechanism. Neuropsychopharmacology, 2006, 31, 493-505.	5.4	90
35	Nitric Oxide Signaling Modulates the Responsiveness of Striatal Medium Spiny Neurons to Electrical Stimulation of the Substantia Nigra. , 2005, , 503-512.		3
36	The Nitric Oxide-Guanylyl Cyclase Signaling Pathway Modulates Membrane Activity States and Electrophysiological Properties of Striatal Medium Spiny Neurons Recorded In Vivo. Journal of Neuroscience, 2004, 24, 1924-1935.	3.6	98

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37	Direct Examination of Local Regulation of Membrane Activity in Striatal and Prefrontal Cortical Neurons in Vivo Using Simultaneous Intracellular Recording and Microdialysis. Journal of Pharmacology and Experimental Therapeutics, 2002, 301, 867-877.	2.5	27
38	Opposite Influences of Endogenous Dopamine D₁and D₂Receptor Activation on Activity States and Electrophysiological Properties of Striatal Neurons: Studies CombiningIn VivoIntracellular Recordings and Reverse Microdialysis. Journal of Neuroscience, 2002, 22, 294-304.	3.6	226
39	Intrastriatal Infusion of (Â±)-S-Nitroso-N-Acetylpenicillamine Releases Vesicular Dopamine via an Ionotropic Glutamate Receptor-Mediated Mechanism: An In Vivo Microdialysis Study in Chloral Hydrate-Anesthetized Rats. Journal of Neurochemistry, 2002, 66, 1971-1980.	3.9	35
40	Regulation of striatal dopamine neurotransmission by nitric oxide: Effector pathways and signaling mechanisms. Synapse, 2002, 44, 227-245.	1.2	194
41	Striatal Nitric Oxide Signaling Regulates the Neuronal Activity of Midbrain Dopamine Neurons In Vivo. Journal of Neurophysiology, 2000, 83, 1796-1808.	1.8	91
42	Regulation of serotonin-facilitated dopamine release in vivo: The role of protein kinase A activating transduction mechanisms. , 1996, 23, 20-27.		36