Bryan K Yamamoto

List of Publications by Year
in descending order

61 papers	3,467 citations	159525 30 h-index	161767 54 g-index
64 all docs	64 docs citations	64 times ranked	3177 citing authors

#	Article	IF	Citations
1	Roflumilast treatment during forced abstinence reduces relapse to methamphetamine seeking and taking. Addiction Biology, 2022, 27, e13082.	1.4	5
2	The effects of alcohol drinking on subsequent methamphetamine self-administration and relapse in adolescent female rats. Behavioural Brain Research, 2022, 422, 113771.	1.2	2
3	Alcohol reinstatement after prolonged abstinence from alcohol drinking by female adolescent rats: Roles of cyclooxygenase-2 and the prostaglandin E2 receptor 1. Drug and Alcohol Dependence, 2022, 236, 109491.	1.6	2
4	Serotonin transporter regulation by cholesterol-independent lipid signaling. Biochemical Pharmacology, 2021, 183, 114349.	2.0	9
5	Prenatal methadone exposure disrupts behavioral development and alters motor neuron intrinsic properties and local circuitry. ELife, 2021, 10, .	2.8	32
6	Regulation of serotonin transport by geranylgeranyl transferase and Ca 2+ /calmodulinâ€dependent protein kinase II. FASEB Journal, 2021, 35, .	0.2	0
7	Chronic Intermittent Access to Alcohol Increases Ca v 1.2 in Dopamine Cells of the Substantia Nigra Pars Compacta. FASEB Journal, 2021, 35, .	0.2	0
8	Gut and brain profiles that resemble pre-motor and early-stage Parkinsonâ€™s disease in methamphetamine self-administering rats. Drug and Alcohol Dependence, 2021, 225, 108746.	1.6	7
9	Toxic Effects of Methamphetamine on Perivascular Health: Co-morbid Effects of Stress and Alcohol Use Disorders. Current Neuropharmacology, 2021, 19, .	1.4	4
10	Combined and sequential effects of alcohol and methamphetamine in animal models. Neuroscience and Biobehavioral Reviews, 2021, 131, 248-269.	2.9	1
11	Serial exposure to ethanol drinking and methamphetamine enhances glutamate excitotoxicity. Journal of Neurochemistry, 2019, 151, 749-763.	2.1	13
12	Neurotoxicity to dopamine neurons after the serial exposure to alcohol and methamphetamine: Protection by COX-2 antagonism. Brain, Behavior, and Immunity, 2019, 81, 317-328.	2.0	14
13	Evaluation of Microglia/Macrophage Cells from Rat Striatum and Prefrontal Cortex Reveals Differential Expression of Inflammatory-Related mRNA after Methamphetamine. Brain Sciences, 2019, 9, 340.	1.1	9
14	Inflammatory mechanisms of abused drugs. Advances in Neurotoxicology, 2019, , 133-168.	0.7	1
15	Methamphetamine-Induced Brain Injury and Alcohol Drinking. Journal of NeuroImmune Pharmacology, 2018, 13, 53-63.	2.1	15
16	Mechanisms Regulating the Association of Protein Phosphatase 1 with Spinophilin and Neurabin. ACS Chemical Neuroscience, 2018, 9, 2701-2712.	1.7	13
17	Cerebrovascular Injury After Serial Exposure to Chronic Stress and Abstinence from Methamphetamine Self-Administration. Scientific Reports, 2018, 8, 10558.	1.6	6
18	Inflammation Produced by Alcohol Synergizes with Methamphetamine to Cause Dopaminergic Deficits. FASEB Journal, 2018, 32, 553.4.	0.2	0

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19	Fluorescein Isothiocyanate (FITC)â€Dextran Extravasation as a Measure of Bloodâ€Brain Barrier Permeability. Current Protocols in Neuroscience, 2017, 79, 9.58.1-9.58.15.	2.6	62
20	<scp>HIV</scp> and drug abuse mediate astrocyte senescence in a Î²â€cateninâ€dependent manner leading to neuronal toxicity. Aging Cell, 2017, 16, 956-965.	3.0	43
21	Chronic-Stress-Induced Behavioral Changes Associated with Subregion-Selective Serotonin Cell Death in the Dorsal Raphe. Journal of Neuroscience, 2017, 37, 6214-6223.	1.7	36
22	MDMA decreases glutamic acid decarboxylase (GAD) 67-immunoreactive neurons in the hippocampus and increases seizure susceptibility: Role for glutamate. NeuroToxicology, 2016, 57, 282-290.	1.4	9
23	3,4â€methylenedioxymethamphetamine increases excitability in the dentate gyrus: role of 5<scp>HT</scp>2A receptorâ€induced <scp>PGE</scp>2 signaling. Journal of Neurochemistry, 2016, 136, 1074-1084.	2.1	11
24	Peripheral ammonia and blood brain barrier structure and function after methamphetamine. Neuropharmacology, 2016, 107, 18-26.	2.0	36
25	Ceftriaxone attenuates ethanol drinking and restores extracellular glutamate concentration through normalization of GLT-1 in nucleus accumbens of male alcohol-preferring rats. Neuropharmacology, 2015, 97, 67-74.	2.0	106
26	Methamphetamine effects on blood-brain barrier structure and function. Frontiers in Neuroscience, 2015, 9, 69.	1.4	97
27	MDMA-induced loss of parvalbumin interneurons within the dentate gyrus is mediated by 5HT2A and NMDA receptors. European Journal of Pharmacology, 2015, 761, 95-100.	1.7	11
28	Protracted effects of chronic stress on serotonin-dependent thermoregulation. Stress, 2015, 18, 668-676.	0.8	19
29	Chronic l-Dopa Decreases Serotonin Neurons in a Subregion of the Dorsal Raphe Nucleus. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 440-447.	1.3	37
30	Neurotoxicity of methamphetamine and 3,4-methylenedioxymethamphetamine. Life Sciences, 2014, 97, 37-44.	2.0	167
31	Ammonia Mediates Methamphetamine-Induced Increases in Glutamate and Excitotoxicity. Neuropsychopharmacology, 2014, 39, 1031-1038.	2.8	46
32	Methamphetamine Neurotoxicity and Neuroinflammatory Processes. , 2014, , 443-462.		2
33	l-dopa-induced dopamine synthesis and oxidative stress in serotonergic cells. Neuropharmacology, 2013, 67, 243-251.	2.0	78
34	MDMA Increases Glutamate Release and Reduces Parvalbumin-Positive GABAergic Cells in the Dorsal Hippocampus of the Rat: Role of Cyclooxygenase. Journal of NeuroImmune Pharmacology, 2013, 8, 58-65.	2.1	44
35	Cyclooxygenase activity contributes to the monoaminergic damage caused by serial exposure to stress and methamphetamine. Neuropharmacology, 2013, 72, 96-105.	2.0	14
36	Methamphetamine causes acute hyperthermiaâ€dependent liver damage. Pharmacology Research and Perspectives, 2013, 1, e00008.	1.1	37

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37	Increased plasma ammonia concentration contributes to methamphetamineâ€induced bloodâ€brain barrier damage. FASEB Journal, 2013, 27, 653.2.	0.2	0
38	Methamphetamine-Induced Oxidation of Proteins and Alterations in Protein Processing. Neuropsychopharmacology, 2012, 37, 298-299.	2.8	2
39	Peripheral Ammonia as a Mediator of Methamphetamine Neurotoxicity. Journal of Neuroscience, 2012, 32, 13155-13163.	1.7	55
40	Persistent Neuroinflammatory Effects of Serial Exposure to Stress and Methamphetamine on the Blood-Brain Barrier. Journal of NeuroImmune Pharmacology, 2012, 7, 951-968.	2.1	59
41	Serotonin 2 receptor modulation of hyperthermia, corticosterone, and hippocampal serotonin depletions following serial exposure to chronic stress and methamphetamine. Psychoneuroendocrinology, 2010, 35, 629-633.	1.3	17
42	Amphetamine toxicities. Annals of the New York Academy of Sciences, 2010, 1187, 101-121.	1.8	232
43	Chronic Stress Enhances the Corticosterone Response and Neurotoxicity to +3,4-Methylenedioxymethamphetamine (MDMA): The Role of Ambient Temperature. Journal of Pharmacology and Experimental Therapeutics, 2010, 335, 180-189.	1.3	19
44	Methamphetamine oxidatively modifies the E3 ligase parkin and attenuates the activity of 26S proteasome in vivo. FASEB Journal, 2010, 24, 759.3.	0.2	0
45	The Role of Oxidative Stress, Metabolic Compromise, and Inflammation in Neuronal Injury Produced by Amphetamine-Related Drugs of Abuse. Journal of NeuroImmune Pharmacology, 2008, 3, 203-217.	2.1	139
46	Chronic stress enhances methamphetamineâ€induced extracellular glutamate and excitotoxicity in the rat striatum. Synapse, 2008, 62, 325-336.	0.6	46
47	Dynamic Changes in Vesicular Glutamate Transporter 1 Function and Expression Related to Methamphetamine-Induced Glutamate Release. Journal of Neuroscience, 2007, 27, 6823-6831.	1.7	61
48	Augmentation of methamphetamineâ€induced toxicity in the rat striatum by unpredictable stress: contribution of enhanced hyperthermia. European Journal of Neuroscience, 2007, 26, 739-748.	1.2	35
49	Interactions between methamphetamine and environmental stress: role of oxidative stress, glutamate and mitochondrial dysfunction. Addiction, 2007, 102, 49-60.	1.7	84
50	Methamphetamine-induced spectrin proteolysis in the rat striatum. Journal of Neurochemistry, 2006, 96, 1267-1276.	2.1	51
51	Causes and Consequences of Methamphetamine and MDMA Toxicity. AAPS Journal, 2006, 08, E337.	2.2	94
52	Amphetamine Neurotoxicity: Cause and Consequence of Oxidative Stress. Critical Reviews in Neurobiology, 2005, 17, 87-118.	3.3	126
53	High-Dose Methamphetamine Acutely Activates the Striatonigral Pathway to Increase Striatal Glutamate and Mediate Long-Term Dopamine Toxicity. Journal of Neuroscience, 2004, 24, 11449-11456.	1.7	177
54	Long-lasting effects of chronic stress on DOI-induced hyperthermia in male rats. Psychopharmacology, 2003, 169, 169-175.	1.5	38

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55	Regulation of Extracellular Dopamine by the Norepinephrine Transporter. Journal of Neurochemistry, 1998, 71, 274-280.	2.1	192
56	Methamphetamine-induced neurotoxicity: Roles for glutamate and dopamine efflux. Synapse, 1994, 17, 203-209.	0.6	259
57	Methamphetamine neurotoxicity and striatal glutamate release: comparison to 3, 4-methylenedioxymethamphetamine. Brain Research, 1992, 581, 237-243.	1.1	342
58	A neurochemical heterogeneity of the rat striatum as measured by in vivo electrochemistry and microdialysis. Brain Research, 1990, 506, 236-242.	1.1	100
59	A rapid and simple HPLC microassay for biogenic amines in discrete brain regions. Pharmacology Biochemistry and Behavior, 1988, 30, 795-799.	1.3	19
60	An improved and rapid HPLC-EC method for the isocratic separation of amino acid neurotransmitters from brain tissue and microdialysis perfusates. Life Sciences, 1988, 43, 913-922.	2.0	331
61	Role of norepinephrine in substance abuse. , 0, , 610-627.		0