

Joshua M Gulley

List of Publications by Year in descending order

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55
papers

1,638
citations

257357

24
h-index

315616

38
g-index

57
all docs

57
docs citations

57
times ranked

1945
citing authors

#	ARTICLE	IF	CITATIONS
1	Adolescence and Reward: Making Sense of Neural and Behavioral Changes Amid the Chaos. <i>Journal of Neuroscience</i> , 2017, 37, 10855-10866.	1.7	122
2	Rapid regulation of dopamine transporter function by substrates, blockers and presynaptic receptor ligands. <i>European Journal of Pharmacology</i> , 2003, 479, 139-152.	1.7	97
3	A comparison of amphetamine- and methamphetamine-induced locomotor activity in rats: evidence for qualitative differences in behavior. <i>Psychopharmacology</i> , 2007, 195, 469-478.	1.5	75
4	Sex differences in behavior and neural development and their role in adolescent vulnerability to substance use. <i>Behavioural Brain Research</i> , 2016, 298, 15-26.	1.2	75
5	Brief, repeated exposure to substrates down-regulates dopamine transporter function in <i>Xenopus</i> oocytes in vitro and rat dorsal striatum in vivo. <i>Journal of Neurochemistry</i> , 2002, 83, 400-411.	2.1	74
6	The effects of abused drugs on adolescent development of corticolimbic circuitry and behavior. <i>Neuroscience</i> , 2013, 249, 3-20.	1.1	65
7	Individual Differences in Cocaine-induced Locomotor Activity in Rats: Behavioral Characteristics, Cocaine Pharmacokinetics, and the Dopamine Transporter. <i>Neuropsychopharmacology</i> , 2003, 28, 2089-2101.	2.8	62
8	Age and sex differences in reward behavior in adolescent and adult rats. <i>Developmental Psychobiology</i> , 2014, 56, 611-621.	0.9	62
9	Low and high locomotor responsiveness to cocaine predicts intravenous cocaine conditioned place preference in male Sprague-Dawley rats. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 37-44.	1.3	52
10	Sex differences in the effects of ethanol pre-exposure during adolescence on ethanol-induced conditioned taste aversion in adult rats. <i>Behavioural Brain Research</i> , 2011, 225, 104-109.	1.2	51
11	Behavior-related modulation of substantia nigra pars reticulata neurons in rats performing a conditioned reinforcement task. <i>Neuroscience</i> , 2002, 111, 337-349.	1.1	44
12	Age-dependent effects of repeated amphetamine exposure on working memory in rats. <i>Behavioural Brain Research</i> , 2013, 242, 84-94.	1.2	43
13	Effects of ethanol during adolescence on the number of neurons and glia in the medial prefrontal cortex and basolateral amygdala of adult male and female rats. <i>Brain Research</i> , 2012, 1466, 24-32.	1.1	42
14	Behavior-related changes in the activity of substantia nigra pars reticulata neurons in freely moving rats. <i>Brain Research</i> , 1999, 845, 68-76.	1.1	41
15	Dissociation between long-lasting behavioral sensitization to amphetamine and impulsive choice in rats performing a delay-discounting task. <i>Psychopharmacology</i> , 2008, 199, 539-548.	1.5	39
16	Blockade of D1 dopamine receptors in the medial prefrontal cortex attenuates amphetamine- and methamphetamine-induced locomotor activity in the rat. <i>Brain Research</i> , 2009, 1300, 51-57.	1.1	37
17	The effects of pre-pubertal gonadectomy and binge-like ethanol exposure during adolescence on ethanol drinking in adult male and female rats. <i>Behavioural Brain Research</i> , 2011, 216, 569-575.	1.2	37
18	Individual Differences in Cocaine- and Amphetamine-Induced Activation of Male Sprague-Dawley Rats: Contribution of the Dopamine Transporter. <i>Neuropsychopharmacology</i> , 2004, 29, 2168-2179.	2.8	35

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19	Disparate cocaine-induced locomotion as a predictor of choice behavior in rats trained in a delay-discounting task. <i>Drug and Alcohol Dependence</i> , 2008, 98, 54-62.	1.6	34
20	Age and sex differences in behavioral flexibility, sensitivity to reward value, and risky decision-making. <i>Behavioral Neuroscience</i> , 2018, 132, 75-87.	0.6	33
21	Treatment of Hyperemesis Gravidarum With Nasogastric Feeding. <i>Nutrition in Clinical Practice</i> , 1993, 8, 33-35.	1.1	32
22	Age of exposure-dependent effects of amphetamine on behavioral flexibility. <i>Behavioural Brain Research</i> , 2013, 252, 117-125.	1.2	27
23	Comparative peptidomics analysis of neural adaptations in rats repeatedly exposed to amphetamine. <i>Journal of Neurochemistry</i> , 2012, 123, 276-287.	2.1	26
24	Effects of amphetamine exposure in adolescence or young adulthood on inhibitory control in adult male and female rats. <i>Behavioural Brain Research</i> , 2014, 263, 22-33.	1.2	25
25	Mass Spectrometry Screening Reveals Peptides Modulated Differentially in the Medial Prefrontal Cortex of Rats with Disparate Initial Sensitivity to Cocaine. <i>AAPS Journal</i> , 2010, 12, 443-454.	2.2	23
26	Extended access self-administration of methamphetamine is associated with age- and sex-dependent differences in drug taking behavior and recognition memory in rats. <i>Behavioural Brain Research</i> , 2020, 390, 112659.	1.2	23
27	Inbred Lewis and Fischer 344 rat strains differ not only in novelty- and amphetamine-induced behaviors, but also in dopamine transporter activity in vivo. <i>Brain Research</i> , 2007, 1151, 32-45.	1.1	22
28	Performance on an impulse control task is altered in adult rats exposed to amphetamine during adolescence. <i>Developmental Psychobiology</i> , 2013, 55, 733-744.	0.9	22
29	Timing of amphetamine exposure in relation to puberty onset determines its effects on anhedonia, exploratory behavior, and dopamine D1 receptor expression in young adulthood. <i>Neuroscience</i> , 2016, 339, 72-84.	1.1	22
30	Selective serotonin reuptake inhibitors: effects of chronic treatment on ethanol-reinforced behavior in mice. <i>Alcohol</i> , 1995, 12, 177-181.	0.8	21
31	Adaptations in medial prefrontal cortex function associated with amphetamine-induced behavioral sensitization. <i>Neuroscience</i> , 2010, 166, 615-624.	1.1	21
32	D1 receptor-mediated inhibition of medial prefrontal cortex neurons is disrupted in adult rats exposed to amphetamine in adolescence. <i>Neuroscience</i> , 2016, 324, 40-49.	1.1	20
33	Beta-hydroxy-beta-methylbutyrate ameliorates aging effects in the dendritic tree of pyramidal neurons in the medial prefrontal cortex of both male and female rats. <i>Neurobiology of Aging</i> , 2016, 40, 78-85.	1.5	19
34	Effects of β -hydroxy- β -methyl butyrate on working memory and cognitive flexibility in an animal model of aging. <i>Nutritional Neuroscience</i> , 2017, 20, 379-387.	1.5	19
35	Repeated exposure to amphetamine during adolescence alters inhibitory tone in the medial prefrontal cortex following drug re-exposure in adulthood. <i>Behavioural Brain Research</i> , 2016, 309, 9-13.	1.2	18
36	Reduced sensitivity to reinforcement in adolescent compared to adult Sprague-Dawley rats of both sexes. <i>Psychopharmacology</i> , 2018, 235, 861-871.	1.5	16

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37	Adolescent impulsivity as a sex-dependent and subtype-dependent predictor of impulsivity, alcohol drinking and dopamine receptor expression in adult rats. <i>Addiction Biology</i> , 2019, 24, 193-205.	1.4	15
38	Modulatory Effects of Ascorbate, Alone or With Haloperidol, on a Lever-Release Conditioned Avoidance Response Task. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 63, 125-129.	1.3	14
39	Age- and sex-dependent effects of methamphetamine on cognitive flexibility and 5-HT _{2C} receptor localization in the orbitofrontal cortex of Sprague-Dawley rats. <i>Behavioural Brain Research</i> , 2018, 349, 16-24.	1.2	14
40	High frequency stimulation-induced plasticity in the prelimbic cortex of rats emerges during adolescent development and is associated with an increase in dopamine receptor function. <i>Neuropharmacology</i> , 2018, 141, 158-166.	2.0	14
41	Amphetamine-induced behavioral activation is associated with variable changes in basal ganglia output neurons recorded from awake, behaving rats. <i>Brain Research</i> , 2004, 1012, 108-118.	1.1	13
42	Reduced sensitivity to the locomotor-stimulant effects of cocaine is associated with increased sensitivity to its discriminative stimulus properties. <i>Behavioural Pharmacology</i> , 2009, 20, 67-77.	0.8	12
43	Beta-hydroxy-beta-methylbutyrate (HMB) ameliorates age-related deficits in water maze performance, especially in male rats. <i>Physiology and Behavior</i> , 2017, 170, 93-99.	1.0	11
44	Role of the Dopamine Transporter in the Differential Cocaine-Induced Locomotor Activation of Inbred Long-Sleep and Short-Sleep Mice. <i>Neuropsychopharmacology</i> , 2004, 29, 1814-1822.	2.8	9
45	Disruptive effect of amphetamines on Pavlovian to instrumental transfer. <i>Behavioural Brain Research</i> , 2011, 216, 440-445.	1.2	9
46	AMPed-up adolescents: The role of age in the abuse of amphetamines and its consequences on cognition and prefrontal cortex development. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 198, 173016.	1.3	9
47	Amphetamine inhibits behavior-related neuronal responses in substantia nigra pars reticulata of rats working for sucrose reinforcement. <i>Neuroscience Letters</i> , 2002, 322, 165-168.	1.0	8
48	Individual differences in novelty- and cocaine-induced locomotor activity as predictors of food-reinforced operant behavior in two outbred rat strains. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 749-757.	1.3	8
49	Effects of the GluN2B antagonist, Ro 25-6981, on extinction consolidation following adolescent- or adult-onset methamphetamine self-administration in male and female rats. <i>Behavioural Pharmacology</i> , 2020, 31, 748-758.	0.8	8
50	Effects of amphetamine exposure during adolescence on behavior and prelimbic cortex neuron activity in adulthood. <i>Brain Research</i> , 2018, 1694, 111-120.	1.1	7
51	Operant Self-Administration of Ethanol in Mice Prenatally Exposed to Cocaine. <i>Journal of Addictive Diseases</i> , 1999, 18, 77-89.	0.8	6
52	Sex differences in adolescent ethanol drinking to behavioral intoxication. <i>Journal of the Experimental Analysis of Behavior</i> , 2018, 110, 54-62.	0.8	4
53	Adolescent Exposure to Amphetamines and Vulnerability to Addiction. , 2016, , 292-299.		1
54	Effects of β -hydroxy- β -methylbutyrate (HMB) supplementation on biomarkers for cognitive function and electrophysiological processes in aging. , 2021, , 627-636.		0

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55	Adolescent drug addiction. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 203, 173151.	1.3	0