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List of Publications by Year
in descending order

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69	8,646	109321 35	95266 68
papers	citations	h-index	g-index

69	69	69	14972
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence for positive allosteric modulation of cognitive-enhancing effects of nicotine by low-dose galantamine in rats. Pharmacology Biochemistry and Behavior, 2020, 199, 173043.	2.9	2
2	Ketamine metabolite (2R,6R)-hydroxynorketamine reverses behavioral despair produced by adolescent trauma. Pharmacology Biochemistry and Behavior, 2020, 196, 172973.	2.9	13
3	The rostromedial tegmental nucleus modulates the development of stress-induced helpless behavior. Behavioural Brain Research, 2019, 359, 950-957.	2.2	18
4	Anti-relapse neurons in the infralimbic cortex of rats drive relapse-suppression by drug omission cues. Nature Communications, 2019, 10, 3934.	12.8	25
5	Inhibition of kynurenine aminotransferase II attenuates hippocampusâ€dependent memory deficit in adult rats treated prenatally with kynurenine. Hippocampus, 2019, 29, 73-77.	1.9	38
6	Isoflurane but Not Halothane Prevents and Reverses Helpless Behavior: A Role for EEG Burst Suppression?. International Journal of Neuropsychopharmacology, 2018, 21, 777-785.	2.1	21
7	Habenula-Induced Inhibition of Midbrain Dopamine Neurons Is Diminished by Lesions of the Rostromedial Tegmental Nucleus. Journal of Neuroscience, 2017, 37, 217-225.	3.6	58
8	Zanos et al. reply. Nature, 2017, 546, E4-E5.	27.8	29
9	MicroRNAs Are Involved in the Development of Morphine-Induced Analgesic Tolerance and Regulate Functionally Relevant Changes in Serpini1. Frontiers in Molecular Neuroscience, 2016, 9, 20.	2.9	33
10	Strain dependency of the effects of nicotine and mecamylamine in a rat model of attention. Psychopharmacology, 2016, 233, 1427-1434.	3.1	6
11	NMDAR inhibition-independent antidepressant actions of ketamine metabolites. Nature, 2016, 533, 481-486.	27.8	1,246
12	Engaging Research Domain Criteria (RDoC): Neurocircuitry in Search of Meaning. Schizophrenia Bulletin, 2016, 42, 1090-1095.	4.3	18
13	Mining mouse behavior for patterns predicting psychiatric drug classification. Psychopharmacology, 2014, 231, 231-242.	3.1	10
14	Continuous kynurenine administration during the prenatal period, but not during adolescence, causes learning and memory deficits in adult rats. Psychopharmacology, 2014, 231, 2799-2809.	3.1	68
15	Neuroplasticity, axonal guidance and microâ€<scp>RNA</scp> genes are associated with morphine selfâ€administration behavior. Addiction Biology, 2013, 18, 480-495.	2.6	45
16	Bidirectional Modulation of Cocaine Expectancy by Phasic Glutamate Fluctuations in the Nucleus Accumbens. Journal of Neuroscience, 2013, 33, 9050-9055.	3.6	12
17	The habenula governs the attribution of incentive salience to reward predictive cues. Frontiers in Human Neuroscience, 2013, 7, 781.	2.0	26
18	Cocaine self-administration is not dependent upon mesocortical Î±1 noradrenergic signaling. NeuroReport, 2012, 23, 325-330.	1.2	11

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19	Preâ€•and postnatal exposure to kynurenine causes cognitive deficits in adulthood. European Journal of Neuroscience, 2012, 35, 1605-1612.	2.6	84
20	Altered spatial learning, cortical plasticity and hippocampal anatomy in a neurodevelopmental model of schizophreniaâ€•related endophenotypes. European Journal of Neuroscience, 2012, 36, 2773-2781.	2.6	9
21	Fluctuations in Endogenous Kynurenic Acid Control Hippocampal Glutamate and Memory. Neuropsychopharmacology, 2011, 36, 2357-2367.	5.4	137
22	Qualitative differences between C57BL/6J and DBA/2J mice in morphine potentiation of brain stimulation reward and intravenous self-administration. Psychopharmacology, 2010, 208, 309-321.	3.1	39
23	Reduction of Endogenous Kynurenic Acid Formation Enhances Extracellular Glutamate, Hippocampal Plasticity, and Cognitive Behavior. Neuropsychopharmacology, 2010, 35, 1734-1742.	5.4	187
24	Hyperoxic Reperfusion after Global Cerebral Ischemia Promotes Inflammation and Long-Term Hippocampal Neuronal Death. Journal of Neurotrauma, 2010, 27, 753-762.	3.4	87
25	Identification of Candidate Genes and Gene Networks Specifically Associated with Analgesic Tolerance to Morphine. Journal of Neuroscience, 2009, 29, 5295-5307.	3.6	34
26	A Data Mining Approach to In Vivo Classification of Psychopharmacological Drugs. Neuropsychopharmacology, 2009, 34, 607-623.	5.4	17
27	Drug Discovery in Psychiatric Illness: Mining for Gold. Schizophrenia Bulletin, 2009, 35, 287-292.	4.3	7
28	Social memory in mice: Disruption with an NMDA antagonist and attenuation with antipsychotic drugs. Pharmacology Biochemistry and Behavior, 2009, 92, 236-242.	2.9	40
29	Data mining in a behavioral test detects early symptoms in a model of amyotrophic lateral sclerosis.. Behavioral Neuroscience, 2008, 122, 777-787.	1.2	9
30	Associating quantitative behavioral traits with gene expression in the brain: searching for diamonds in the hay. Bioinformatics, 2007, 23, 2239-2246.	4.1	29
31	Approaches to multiplicity issues in complex research in microarray analysis. Statistica Neerlandica, 2006, 60, 414-437.	1.6	27
32	Combined Application of Behavior Genetics and Microarray Analysis to Identify Regional Expression Themes and Gene-Behavior Associations. Journal of Neuroscience, 2006, 26, 5277-5287.	3.6	59
33	Activity density in the open field: a measure for differentiating the effect of psychostimulants. Pharmacology Biochemistry and Behavior, 2005, 80, 239-249.	2.9	20
34	Genotype-environment interactions in mouse behavior: A way out of the problem. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4619-4624.	7.1	88
35	Prenatal exposure to a repeated variable stress paradigm elicits behavioral and neuroendocrinological changes in the adult offspring: potential relevance to schizophrenia. Behavioural Brain Research, 2005, 156, 251-261.	2.2	278
36	New replicable anxiety-related measures of wall vs. center behavior of mice in the open field. Journal of Applied Physiology, 2004, 97, 347-359.	2.5	118

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37	Cocaine-induced locomotor activity and cocaine discrimination in dopamine D 4 receptor mutant mice. Psychopharmacology, 2003, 170, 108-114.	3.1	54
38	Darting behavior: a quantitative movement pattern designed for discrimination and replicability in mouse locomotor behavior. Behavioural Brain Research, 2003, 142, 193-205.	2.2	52
39	SEE locomotor behavior test discriminates C57BL/6J and DBA/2J mouse inbred strains across laboratories and protocol conditions.. Behavioral Neuroscience, 2003, 117, 464-477.	1.2	71
40	Failure of Intravenous Morphine to Serve as an Effective Instrumental Reinforcer in Dopamine D2 Receptor Knock-Out Mice. Journal of Neuroscience, 2002, 22, RC224-RC224.	3.6	78
41	Cocaine-induced locomotor activity and cocaine discrimination in dopamine D2 receptor mutant mice. Psychopharmacology, 2002, 163, 54-61.	3.1	61
42	Rats and mice share common ethologically relevant parameters of exploratory behavior. Behavioural Brain Research, 2001, 125, 133-140.	2.2	110
43	Controlling the false discovery rate in behavior genetics research. Behavioural Brain Research, 2001, 125, 279-284.	2.2	3,483
44	Natural segmentation of the locomotor behavior of drug-induced rats in a photobeam cage. Journal of Neuroscience Methods, 2001, 109, 111-121.	2.5	35
45	Î¼ Opiate Receptor Gene Dose Effects on Different Morphine Actions Evidence for Differential in vivo Î¼ Receptor Reserve. Neuropsychopharmacology, 2001, 25, 41-54.	5.4	128
46	Differential neuroendocrine responsiveness to morphine in Lewis, Fischer 344, and ACI inbred rats. Brain Research, 2000, 858, 320-326.	2.2	24
47	Heritability of nociception II. â€˜Typesâ€™ of nociception revealed by genetic correlation analysis. Pain, 1999, 80, 83-93.	4.2	217
48	Heritability of nociception I: Responses of 11 inbred mouse strains on 12 measures of nociception. Pain, 1999, 80, 67-82.	4.2	581
49	Phentermine and Fenfluramine: Preclinical Studies in Animal Models of Cocaine Addiction. Annals of the New York Academy of Sciences, 1998, 844, 59-74.	3.8	47
50	Genetic variance in nociception and its relationship to the potency of morphine-induced analgesia in thermal and chemical tests. Pain, 1998, 75, 129-140.	4.2	124
51	The Contribution of Genetic Factors in Cocaine and Other Drug Abuse. , 1998, , 289-311.		0
52	The Neurobiology of Opiate Reinforcement. Critical Reviews in Neurobiology, 1998, 12, 267-303.	3.1	128
53	Cardiovascular effects of cocaine during operant cocaine self-administration. European Journal of Pharmacology, 1996, 315, 43-51.	3.5	15
54	Acute sensitivity vs. context-specific sensitization to cocaine as a function of genotype. Pharmacology Biochemistry and Behavior, 1996, 53, 623-628.	2.9	27

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55	Antagonism of Ethanol by Pretreatment or Posttreatment with RO 15-4513 and Indomethacin Alone or in Combination. Alcoholism: Clinical and Experimental Research, 1995, 19, 490-495.	2.4	1
56	Opioid operant self-administration, analgesia, stimulation and respiratory depression inÎ¼-deficient mice. Psychopharmacology, 1995, 117, 23-31.	3.1	113
57	Transgenic superoxide dismutase mice differ in opioid-induced analgesia. European Journal of Pharmacology, 1995, 283, 227-232.	3.5	9
58	Operant Rate Depressant Effects of Ethanol in Mice Selectively Bred for Differential Neurosensitivity to Ethanol. Journal of Addictive Diseases, 1994, 13, 9-19.	1.3	6
59	Genetic factors in conditioned tolerance to the analgesic effects of etonitazene. Pharmacology Biochemistry and Behavior, 1993, 45, 251-253.	2.9	10
60	Differences in morphine reinforcement property in two inbred rat strains: associations with cortical receptors, behavioral activity, analgesia and the cataleptic effects of morphine. Psychopharmacology, 1993, 112, 183-188.	3.1	35
61	Aggression modulates genetic influences on morphine analgesia as assessed using a classical mendelian cross analysis. Psychopharmacology, 1993, 111, 17-22.	3.1	19
62	Orally delivered cocaine functions as a positive reinforcer in C57BL/6J mice. Pharmacology Biochemistry and Behavior, 1991, 38, 897-903.	2.9	39
63	Indomethacin Posttreatment Antagonizes Ethanol-induced Sleep Time. Annals of the New York Academy of Sciences, 1989, 559, 441-443.	3.8	3
64	Fixed-ratio schedules of oral ethanol self-administration in inbred mouse strains. Psychopharmacology, 1988, 96, 431-436.	3.1	36
65	Differential concentration-response curves for oral ethanol self-administration in C57BL/6J and BALB/cJ mice. Alcohol, 1987, 4, 63-68.	1.7	59
66	Mouse strain differences in operant self-administration of ethanol. Behavior Genetics, 1987, 17, 439-451.	2.1	48
67	Time course of ethanol's effects on brain prostaglandins in LS and SS mice. Life Sciences, 1986, 39, 1069-1075.	4.3	12
68	Oral ethanol reinforced behavior in inbred mice. Pharmacology Biochemistry and Behavior, 1986, 24, 1417-1421.	2.9	45
69	Antagonism of alcohol hypnosis by blockade of prostaglandin synthesis and activity: Genotype and time course effects. Pharmacology Biochemistry and Behavior, 1983, 19, 131-136.	2.9	28