Rainer Spanagel

List of Publications by Year
in descending order

285 papers	21,242 citations	10389 72 h-index	11939 134 g-index
310 all docs	310 docs citations	310 times ranked	18194 citing authors

#	Article	IF	Citations
1	Epigenome-wide association study of alcohol use disorder in five brain regions. Neuropsychopharmacology, 2022, 47, 832-839.	5.4	16
2	Disrupted circadian expression of Î²â€arrestin 2 affects rewardâ€related Âµâ€opioid receptor function in alcohol dependence. Journal of Neurochemistry, 2022, 160, 454-468.	3.9	5
3	Epigenetic Signatures of Smoking in Five Brain Regions. Journal of Personalized Medicine, 2022, 12, 566.	2.5	4
4	Ten Points to Improve Reproducibility and Translation of Animal Research. Frontiers in Behavioral Neuroscience, 2022, 16, 869511.	2.0	16
5	Multi-omics signatures of alcohol use disorder in the dorsal and ventral striatum. Translational Psychiatry, 2022, 12, 190.	4.8	11
6	The Rise of Three Rs Centres and Platforms in Europe*. ATLA Alternatives To Laboratory Animals, 2022, 50, 90-120.	1.0	11
7	Single-dose ethanol intoxication causes acute and lasting neuronal changes in the brain. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	9
8	Sodium oxybate for the maintenance of abstinence in alcohol-dependent patients: An international, multicenter, randomized, double-blind, placebo-controlled trial. Journal of Psychopharmacology, 2022, 36, 1136-1145.	4.0	5
9	No changes in the oxytocin system in alcoholâ€dependent female rodents and humans: Towards a sexâ€specific psychopharmacology in alcoholism. Addiction Biology, 2021, 26, e12945.	2.6	19
10	Calcium Carbonate Attenuates Withdrawal and Reduces Craving: A Randomized Controlled Trial in Alcohol-Dependent Patients. European Addiction Research, 2021, 27, 332-340.	2.4	4
11	Plasma calcium concentration during detoxification predicts neural cue-reactivity and craving during early abstinence in alcohol-dependent patients. European Archives of Psychiatry and Clinical Neuroscience, 2021, , 1.	3.2	1
12	Coordinated Prefrontal State Transition Leads Extinction of Reward-Seeking Behaviors. Journal of Neuroscience, 2021, 41, 2406-2419.	3.6	12
13	ERR and dPECR Suggest a Link Between Neuroprotection and the Regulation of Ethanol Consumption Preference. Frontiers in Psychiatry, 2021, 12, 655816.	2.6	1
14	NMDA Receptors in Accumbal D1 Neurons Influence Chronic Sugar Consumption and Relapse. ENeuro, 2021, 8, ENEURO.0029-21.2021.	1.9	2
15	Female mice are more prone to develop an addictive-like phenotype for sugar consumption. Scientific Reports, 2021, 11, 7364.	3.3	8
16	Impaired contextual fear conditioning in RasGRF2 mutant mice is likely Ras-ERK-dependent. Neurobiology of Learning and Memory, 2021, 181, 107435.	1.9	1
17	Sign- and goal-tracking score does not correlate with addiction-like behavior following prolonged cocaine self-administration. Psychopharmacology, 2021, 238, 2335-2346.	3.1	20
18	Comment onÂFlagel et al.: Sign-tracking as a predictor of addiction vulnerability. Psychopharmacology, 2021, 238, 2665-2666.	3.1	0

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19	Adverse social experiences in adolescent rats result in persistent sexâ€dependent effects on alcoholâ€seeking behavior. Alcoholism: Clinical and Experimental Research, 2021, 45, 1468-1478.	2.4	7
20	Baseline severity and the prediction of placebo response in clinical trials for alcohol dependence: A metaâ€regression analysis to develop an enrichment strategy. Alcoholism: Clinical and Experimental Research, 2021, 45, 1722-1734.	2.4	12
21	Approved cannabinoids for medical purposes â€“ Comparative systematic review and meta-analysis for sleep and appetite. Neuropharmacology, 2021, 196, 108680.	4.1	22
22	Treating alcohol dependence with an abuse and misuse deterrent formulation of sodium oxybate: Results of a randomised, double-blind, placebo-controlled study. European Neuropsychopharmacology, 2021, 52, 18-30.	0.7	13
23	Psilocybin targets a common molecular mechanism for cognitive impairment and increased craving in alcoholism. Science Advances, 2021, 7, eabh2399.	10.3	39
24	Better data, better policy and better lives: a call for improved drug monitoring and concerted responses. Addiction, 2020, 115, 199-200.	3.3	3
25	No basal or drugâ€induced sex differences in striatal dopaminergic levels: a cluster and metaâ€analysis of rat microdialysis studies. Journal of Neurochemistry, 2020, 152, 482-492.	3.9	21
26	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe)â€”From trajectories to mechanisms and interventions. Addiction Biology, 2020, 25, e12866.	2.6	135
27	Cocaine addicted rats show reduced neural activity as revealed by manganese-enhanced MRI. Scientific Reports, 2020, 10, 19353.	3.3	7
28	Impulsivity is a heritable trait in rodents and associated with a novel quantitative trait locus on chromosome 1. Scientific Reports, 2020, 10, 6684.	3.3	8
29	Psilocybin and LSD have no long-lasting effects in an animal model of alcohol relapse. Neuropsychopharmacology, 2020, 45, 1316-1322.	5.4	35
30	Endocannabinoid LTD in Accumbal D1 Neurons Mediates Reward-Seeking Behavior. IScience, 2020, 23, 100951.	4.1	27
31	Acute alcohol withdrawal and recovery in men lead to profound changes in DNA methylation profiles: a longitudinal clinical study. Addiction, 2020, 115, 2034-2044.	3.3	21
32	Cannabinoids and the endocannabinoid system in reward processing and addiction: from mechanisms to interventions. Dialogues in Clinical Neuroscience, 2020, 22, 241-250.	3.7	59
33	Verlust und Wiedererlangen der Kontrolle Ã¼ber den Drogengebrauch. Neuroforum, 2020, 26, 111-113.	0.3	0
34	The initiation of cannabis use in adolescence is predicted by sexâ€specific psychosocial and neurobiological features. European Journal of Neuroscience, 2019, 50, 2346-2356.	2.6	32
35	Reduced sensitivity to ethanol and excessive drinking in a mouse model of neuropathic pain. Addiction Biology, 2019, 24, 1008-1018.	2.6	14
36	Pavlovian to Instrumental Transfer Responses Do Not Correlate With Addiction-Like Behavior in Rats. Frontiers in Behavioral Neuroscience, 2019, 13, 129.	2.0	9

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37	Spatiotemporal Role of Transforming Growth Factor Beta 2 in Developing and Mature Mouse Hindbrain Serotonergic Neurons. Frontiers in Cellular Neuroscience, 2019, 13, 427.	3.7	5
38	Drinking Levels and Profiles of Alcohol Addicted Rats Predict Response to Nalmefene. Frontiers in Pharmacology, 2019, 10, 471.	3.5	16
39	The Inhibition of RasGRF2, But Not RasGRF1, Alters Cocaine Reward in Mice. Journal of Neuroscience, 2019, 39, 6325-6338.	3.6	9
40	Neural Correlates of Failed Inhibitory Control as an Early Marker of Disordered Eating in Adolescents. Biological Psychiatry, 2019, 85, 956-965.	1.3	29
41	Low Smoking Exposure, the Adolescent Brain, and the Modulating Role of CHRNA5 Polymorphisms. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 672-679.	1.5	15
42	Dopamine and opioid systems adaptation in alcoholism revisited: Convergent evidence from positron emission tomography and postmortem studies. Neuroscience and Biobehavioral Reviews, 2019, 106, 141-164.	6.1	32
43	Choice for Drug or Natural Reward Engages Largely Overlapping Neuronal Ensembles in the Infralimbic Prefrontal Cortex. Journal of Neuroscience, 2018, 38, 3507-3519.	3.6	42
44	Targeting Glycine Reuptake in Alcohol Seeking and Relapse. Journal of Pharmacology and Experimental Therapeutics, 2018, 365, 202-211.	2.5	13
45	Efficacy and side effects of baclofen and the novel GABAB receptor positive allosteric modulator CMPPE in animal models for alcohol and cocaine addiction. Psychopharmacology, 2018, 235, 1955-1965.	3.1	23
46	Dynorphin and Î¹-Opioid Receptor Dysregulation in the Dopaminergic Reward System of Human Alcoholics. Molecular Neurobiology, 2018, 55, 7049-7061.	4.0	27
47	Longitudinal Structural and Functional Brain Network Alterations in a Mouse Model of Neuropathic Pain. Neuroscience, 2018, 387, 104-115.	2.3	36
48	In vivo structural imaging in rats reveals neuroanatomical correlates of behavioral subâ€dimensions of cocaine addiction. Addiction Biology, 2018, 23, 182-195.	2.6	17
49	Oxytocin Reduces Alcohol Cue-Reactivity in Alcohol-Dependent Rats and Humans. Neuropsychopharmacology, 2018, 43, 1235-1246.	5.4	85
50	Glutamate concentration in the anterior cingulate cortex in alcohol dependence. Psychiatric Genetics, 2018, 28, 94-95.	1.1	6
51	Systemic neurotransmitter responses to clinically approved and experimental neuropsychiatric drugs. Nature Communications, 2018, 9, 4699.	12.8	13
52	Alcohol reduces muscle fatigue through atomistic interactions with nicotinic receptors. Communications Biology, 2018, 1, 159.	4.4	4
53	Alterations of the Biological Clock May Contribute to the Emergence of Mental Disorders During Adolescence. Biological Psychiatry, 2018, 83, 978-980.	1.3	2
54	Dnmt3a2 in the Nucleus Accumbens Shell Is Required for Reinstatement of Cocaine Seeking. Journal of Neuroscience, 2018, 38, 7516-7528.	3.6	37

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55	Efficacy and safety of sodium oxybate in alcoholâ€dependent patients with a very high drinking risk level. Addiction Biology, 2018, 23, 969-986.	2.6	59
56	Balance of Go1Î± and Go2Î± expression regulates motor function via the striatal dopaminergic system. Journal of Neurochemistry, 2018, 146, 374-389.	3.9	1
57	câ€Fos marking of identified midbrain neurons coactive after nicotine administration inâ€vivo. Journal of Comparative Neurology, 2018, 526, 2019-2031.	1.6	6
58	Aberrant choice behavior in alcoholism. Science, 2018, 360, 1298-1299.	12.6	17
59	Negative Association Between <scp>MR</scp>â€Spectroscopic Glutamate Markers and Gray Matter Volume After Alcohol Withdrawal in the Hippocampus: A Translational Study in Humans and Rats. Alcoholism: Clinical and Experimental Research, 2017, 41, 323-333.	2.4	23
60	Towards trans-diagnostic mechanisms in psychiatry: Neurobehavioral profile of rats with a loss of function point mutation in the dopamine transporter gene. DMM Disease Models and Mechanisms, 2017, 10, 451-461.	2.4	27
61	Melatonin reduces motivation for cocaine self-administration and prevents relapse-like behavior in rats. Psychopharmacology, 2017, 234, 1741-1748.	3.1	24
62	Differential Roles for L-Type Calcium Channel Subtypes in Alcohol Dependence. Neuropsychopharmacology, 2017, 42, 1058-1069.	5.4	35
63	The Cannabinoid Receptor 1 as a Key Mediator of Adolescent Behavior. Neuropsychopharmacology, 2017, 42, 367-367.	5.4	2
64	Association of plasma calcium concentrations with alcohol craving: New data on potential pathways. European Neuropsychopharmacology, 2017, 27, 42-47.	0.7	19
65	Changes in cerebral [18F]-FDG uptake induced by acute alcohol administration in a rat model of alcoholism. Behavioural Brain Research, 2017, 327, 29-33.	2.2	11
66	mPer1 promotes morphine-induced locomotor sensitization and conditioned place preference via histone deacetylase activity. Psychopharmacology, 2017, 234, 1713-1724.	3.1	14
67	Dynamical state transitions into addictive behaviour and their early-warning signals. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170882.	2.6	14
68	Building Bridges through Science. Neuron, 2017, 96, 730-735.	8.1	2
69	Adaptive dynamics of the 5â€<scp>HT</scp> systems following chronic administration of selective serotonin reuptake inhibitors: a metaâ€analysis. Journal of Neurochemistry, 2017, 142, 747-755.	3.9	29
70	Low Î¼-Opioid Receptor Status in Alcohol Dependence Identified by Combined Positron Emission Tomography and Post-Mortem Brain Analysis. Neuropsychopharmacology, 2017, 42, 606-614.	5.4	51
71	Altered neural oscillations and elevated dopamine levels in the reward pathway during alcohol relapse. Behavioural Brain Research, 2017, 316, 131-135.	2.2	8
72	Persistent strengthening of the prefrontal cortex â€“ nucleus accumbens pathway during incubation of cocaine-seeking behavior. Neurobiology of Learning and Memory, 2017, 138, 281-290.	1.9	23

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73	[18F]-Fluorodeoxyglucose-Positron Emission Tomography in Rats with Prolonged Cocaine Self-Administration Suggests Potential Brain Biomarkers for Addictive Behavior. Frontiers in Psychiatry, 2017, 8, 218.	2.6	16
74	Genetic Contribution to Alcohol Dependence: Investigation of a Heterogeneous German Sample of Individuals with Alcohol Dependence, Chronic Alcoholic Pancreatitis, and Alcohol-Related Cirrhosis. Genes, 2017, 8, 183.	2.4	11
75	Dissociable Role of Corticotropin Releasing Hormone Receptor Subtype 1 on Dopaminergic and D1 Dopaminoceptive Neurons in Cocaine Seeking Behavior. Frontiers in Behavioral Neuroscience, 2017, 11, 221.	2.0	10
76	A multiscale cerebral neurochemical connectome of the rat brain. PLoS Biology, 2017, 15, e2002612.	5.6	34
77	Animal models of addiction. Dialogues in Clinical Neuroscience, 2017, 19, 247-258.	3.7	151
78	Adverse Social Experiences in Adolescent Rats Result in Enduring Effects on Social Competence, Pain Sensitivity and Endocannabinoid Signaling. Frontiers in Behavioral Neuroscience, 2016, 10, 203.	2.0	60
79	Largely overlapping neuronal substrates of reactivity to drug, gambling, food and sexual cues: A comprehensive meta-analysis. European Neuropsychopharmacology, 2016, 26, 1419-1430.	0.7	136
80	Analysis of Rare Variants in the Alcohol Dependence Candidate Gene GATA 4. Alcoholism: Clinical and Experimental Research, 2016, 40, 1627-1632.	2.4	1
81	Adolescent social rejection alters pain processing in a CB1 receptor dependent manner. European Neuropsychopharmacology, 2016, 26, 1201-1212.	0.7	31
82	Reduced oxytocin receptor gene expression and binding sites in different brain regions in schizophrenia: A post-mortem study. Schizophrenia Research, 2016, 177, 59-66.	2.0	58
83	Metabolic shift of the kynurenine pathway impairs alcohol and cocaine seeking and relapse. Psychopharmacology, 2016, 233, 3449-3459.	3.1	26
84	Genetic Deletion of Neuronal PPARÎ³ Enhances the Emotional Response to Acute Stress and Exacerbates Anxiety: An Effect Reversed by Rescue of Amygdala PPARÎ³ Function. Journal of Neuroscience, 2016, 36, 12611-12623.	3.6	48
85	Reply to: Does acamprosate really produce its anti-relapse effects via calcium? No support from the PREDICT study in human alcoholics. Neuropsychopharmacology, 2016, 41, 661-662.	5.4	9
86	Neural basis of reward anticipation and its genetic determinants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3879-3884.	7.1	53
87	Convergent evidence from alcohol-dependent humans and rats for a hyperdopaminergic state in protracted abstinence. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3024-3029.	7.1	127
88	The Calpain Inhibitor A-705253 Attenuates Alcohol-Seeking and Relapse with Low Side-Effect Profile. Neuropsychopharmacology, 2016, 41, 979-988.	5.4	10
89	A translational systems biology approach in both animals and humans identifies a functionally related module of accumbal genes involved in the regulation of reward processing and binge drinking in males. Journal of Psychiatry and Neuroscience, 2016, 41, 192-202.	2.4	16
90	Impairment of cocaine-mediated behaviours in mice by clinically relevant Ras-ERK inhibitors. ELife, 2016, 5, .	6.0	35

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91	Alcohol: Neurobiology of Alcohol Addiction. , 2016, , 3593-3623.		0
92	Disruption of reconsolidation processes is a balancing actÂâ€“Âcan it really account for change in psychotherapy?. Behavioral and Brain Sciences, 2015, 38, e25.	0.7	4
93	The Need for Treatment Responsive Translational Biomarkers in Alcoholism Research. Current Topics in Behavioral Neurosciences, 2015, 28, 151-171.	1.7	35
94	Longâ€lasting effect of <scp>NMDA</scp> receptor antagonist memantine on ethanolâ€cue association and relapse. Journal of Neurochemistry, 2015, 135, 1080-1085.	3.9	24
95	Chronic Intermittent Ethanol Exposure in Mice Leads to an Up-Regulation of CRH/CRHR1 Signaling. Alcoholism: Clinical and Experimental Research, 2015, 39, 752-762.	2.4	33
96	Quantification of alcohol drinking patterns in mice. Addiction Biology, 2015, 20, 1001-1011.	2.6	21
97	Association of Protein PhosphatasePPM1GWith Alcohol Use Disorder and Brain Activity During Behavioral Control in a Genome-Wide Methylation Analysis. American Journal of Psychiatry, 2015, 172, 543-552.	7.2	68
98	Activation of Melatonin Receptors Reduces Relapse-Like Alcohol Consumption. Neuropsychopharmacology, 2015, 40, 2897-2906.	5.4	44
99	Correlated gene expression supports synchronous activity in brain networks. Science, 2015, 348, 1241-1244.	12.6	532
100	Sex differences in dopamine binding and modafinil conditioned place preference in mice. Drug and Alcohol Dependence, 2015, 155, 37-44.	3.2	14
101	Losing Control: Excessive Alcohol Seeking after Selective Inactivation of Cue-Responsive Neurons in the Infralimbic Cortex. Journal of Neuroscience, 2015, 35, 10750-10761.	3.6	118
102	Increased mesolimbic cue-reactivity in carriers of the mu-opioid-receptor gene OPRM1 A118G polymorphism predicts drinking outcome: A functional imaging study in alcohol dependent subjects. European Neuropsychopharmacology, 2015, 25, 1128-1135.	0.7	46
103	Rsu1 regulates ethanol consumption in Drosophila and humans. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4085-93.	7.1	57
104	Effects of d-cycloserine on extinction of mesolimbic cue reactivity in alcoholism: a randomized placebo-controlled trial. Psychopharmacology, 2015, 232, 2353-2362.	3.1	57
105	A Pharmacogenetic Determinant of Mu-Opioid Receptor Antagonist Effects on Alcohol Reward and Consumption: Evidence from Humanized Mice. Biological Psychiatry, 2015, 77, 850-858.	1.3	56
106	Clock genesÂÃ—ÂstressÂÃ—Âreward interactions in alcohol and substance use disorders. Alcohol, 2015, 49, 351-357.	1.7	51
107	XRCC5 as a Risk Gene for Alcohol Dependence: Evidence from a Genome-Wide Gene-Set-Based Analysis and Follow-up Studies in Drosophila and Humans. Neuropsychopharmacology, 2015, 40, 361-371.	5.4	12
108	Enhanced Functional Activity of the Cannabinoid Type-1 Receptor Mediates Adolescent Behavior. Journal of Neuroscience, 2015, 35, 13975-13988.	3.6	50

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109	Glutamate Receptors within the Mesolimbic Dopamine System Mediate Alcohol Relapse Behavior. Journal of Neuroscience, 2015, 35, 15523-15538.	3.6	44
110	CREB activity in dopamine D1 receptor expressing neurons regulates cocaine-induced behavioral effects. Frontiers in Behavioral Neuroscience, 2014, 8, 212.	2.0	18
111	Enhanced extinction of contextual fear conditioning in Clockî”19 mutant mice.. Behavioral Neuroscience, 2014, 128, 468-473.	1.2	9
112	Cluster and metaâ€analyses on factors influencing stressâ€induced alcohol drinking and relapse in rodents. Addiction Biology, 2014, 19, 225-232.	2.6	61
113	Transcriptional Regulation of L-Type Calcium Channel Subtypes Cav1.2 and Cav1.3 by Nicotine and Their Potential Role in Nicotine Sensitization. Nicotine and Tobacco Research, 2014, 16, 774-785.	2.6	13
114	The Effects of Xenon and Nitrous Oxide Gases on Alcohol Relapse. Alcoholism: Clinical and Experimental Research, 2014, 38, 557-563.	2.4	5
115	Genetic Variation in the Atrial Natriuretic Peptide Transcription Factor GATA4 Modulates Amygdala Responsiveness in Alcohol Dependence. Biological Psychiatry, 2014, 75, 790-797.	1.3	37
116	Stress and alcohol interactions: animal studies and clinical significance. Trends in Neurosciences, 2014, 37, 219-227.	8.6	143
117	The alcohol deprivation effect model for studying relapse behavior: A comparison between rats and mice. Alcohol, 2014, 48, 313-320.	1.7	161
118	Incubation of Cocaine Seeking following Brief Cocaine Experience in Mice Is Enhanced by mGluR1 Blockade. Journal of Neuroscience, 2014, 34, 1781-1790.	3.6	29
119	A two-injection protocol for nicotine sensitization. Behavioural Brain Research, 2014, 275, 11-14.	2.2	7
120	Acamprosate Produces Its Anti-Relapse Effects Via Calcium. Neuropsychopharmacology, 2014, 39, 783-791.	5.4	119
121	Adolescent peer-rejection persistently alters pain perception and CB1 receptor expression in female rats. European Neuropsychopharmacology, 2014, 24, 290-301.	0.7	36
122	Basal activity level in mice predicts the initial and sensitized locomotor response to nicotine only in high responders. Behavioural Brain Research, 2014, 264, 143-150.	2.2	15
123	Behavioral Neurobiology of Alcohol Addiction. Current Topics in Behavioral Neurosciences, 2013, 13, v-vii.	1.7	13
124	Ethanol-induced alterations of amino acids measured by in vivo microdialysis in rats: a meta-analysis. In Silico Pharmacology, 2013, 1, 7.	3.3	33
125	In silico pharmacology: drug design and discoveryâ€™s gate to the future. In Silico Pharmacology, 2013, 1, 1.	3.3	30
126	Glutamatergic targets for new alcohol medications. Psychopharmacology, 2013, 229, 539-554.	3.1	167

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127	Convergent functional genomics in addiction research - a translational approach to study candidate genes and gene networks. In Silico Pharmacology, 2013, 1, 18.	3.3	15
128	A systems medicine research approach for studying alcohol addiction. Addiction Biology, 2013, 18, 883-896.	2.6	76
129	The Clockî”19 mutation in mice fails to alter the primary and secondary reinforcing properties of nicotine. Drug and Alcohol Dependence, 2013, 133, 733-739.	3.2	18
130	Oleoylethanolamide doseâ€dependently attenuates cocaineâ€induced behaviours through a <scp>PPARÎ±</scp> receptorâ€independent mechanism. Addiction Biology, 2013, 18, 78-87.	2.6	36
131	The Use of a Novel Drinkometer System for Assessing Pharmacological Treatment Effects on Ethanol Consumption in Rats. Alcoholism: Clinical and Experimental Research, 2013, 37, E322-8.	2.4	34
132	Neurobiology of Alcohol Addiction. , 2013, , 2745-2773.		0
133	The mGluR2/3 Agonist LY379268 Induced Anti-Reinstatement Effects in Rats Exhibiting Addiction-like Behavior. Neuropsychopharmacology, 2013, 38, 2048-2056.	5.4	58
134	Quantum modeling of common sense. Behavioral and Brain Sciences, 2013, 36, 302-302.	0.7	2
135	Rescue of Infralimbic mGluR₂Deficit Restores Control Over Drug-Seeking Behavior in Alcohol Dependence. Journal of Neuroscience, 2013, 33, 2794-2806.	3.6	148
136	Global Ethanol-Induced Enhancements of Monoaminergic Neurotransmission: A Meta-Analysis Study. Alcoholism: Clinical and Experimental Research, 2013, 37, 2048-2057.	2.4	31
137	Determinants of Early Alcohol Use In Healthy Adolescents: The Differential Contribution of Neuroimaging and Psychological Factors. Neuropsychopharmacology, 2012, 37, 986-995.	5.4	124
138	A Functional Tph2 C1473G Polymorphism Causes an Anxiety Phenotype via Compensatory Changes in the Serotonergic System. Neuropsychopharmacology, 2012, 37, 1986-1998.	5.4	26
139	RASGRF2 regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21128-21133.	7.1	90
140	Inhibition of the Casein-Kinase-1-Epsilon/Delta Prevents Relapse-Like Alcohol Drinking. Neuropsychopharmacology, 2012, 37, 2121-2131.	5.4	56
141	Risk Taking and the Adolescent Reward System: A Potential Common Link to Substance Abuse. American Journal of Psychiatry, 2012, 169, 39-46.	7.2	138
142	Neurocircuitry for modeling drug effects. Addiction Biology, 2012, 17, 827-864.	2.6	88
143	Structural synaptic elements are differentially regulated in superior temporal cortex of schizophrenia patients. European Archives of Psychiatry and Clinical Neuroscience, 2012, 262, 565-577.	3.2	31
144	Reduced alcohol intake and reward associated with impaired endocannabinoid signaling in mice with a deletion of the glutamate transporter GLAST. Neuropharmacology, 2012, 63, 181-189.	4.1	38

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145	Central metabolite changes and activation of microglia after peripheral interleukin-2 challenge. Brain, Behavior, and Immunity, 2012, 26, 277-283.	4.1	19
146	Sensorimotor gating, working and social memory deficits in mice with reduced expression of the vesicular glutamate transporter VGLUT1. Behavioural Brain Research, 2012, 228, 328-332.	2.2	28
147	Translational Magnetic Resonance Spectroscopy Reveals Excessive Central Glutamate Levels During Alcohol Withdrawal in Humans and Rats. Biological Psychiatry, 2012, 71, 1015-1021.	1.3	173
148	Brain-Specific Inactivation of the Crhr1 Gene Inhibits Post-Dependent and Stress-Induced Alcohol Intake, but Does Not Affect Relapse-Like Drinking. Neuropsychopharmacology, 2012, 37, 1047-1056.	5.4	60
149	The impact of acetylcholinesterase inhibitors on the extracellular acetylcholine concentrations in the adult rat brain: A metaâ€analysis. Synapse, 2012, 66, 893-901.	1.2	31
150	Adolescent impulsivity phenotypes characterized by distinct brain networks. Nature Neuroscience, 2012, 15, 920-925.	14.8	368
151	New Pharmacological Treatment Strategies for Relapse Prevention. Current Topics in Behavioral Neurosciences, 2012, 13, 583-609.	1.7	49
152	New Pharmacological Treatment Strategies for Relapse Prevention. Current Topics in Behavioral Neurosciences, 2012, , 583-609.	1.7	47
153	Decreased Reward Sensitivity in Rats from the Fischer344 Strain Compared to Wistar Rats Is Paralleled by Differences in Endocannabinoid Signaling. PLoS ONE, 2012, 7, e31169.	2.5	26
154	Tiermodelle fÃ¼r abhÃngiges Verhalten. , 2012, , 231-238.		0
155	Regulation of immune-modulatory genes in left superior temporal cortex of schizophrenia patients: a genome-wide microarray study. World Journal of Biological Psychiatry, 2011, 12, 201-215.	2.6	60
156	A Novel Elevated Plus-Maze Procedure to Avoid the One-Trial Tolerance Problem. Frontiers in Behavioral Neuroscience, 2011, 5, 43.	2.0	70
157	Per1Brdm1 mice self-administer cocaine and reinstate cocaine-seeking behaviour following extinction. Behavioural Pharmacology, 2011, 22, 76-80.	1.7	19
158	Cannabinoid exposure in pubertal rats increases spontaneous ethanol consumption and NMDA receptor associated protein levels. International Journal of Neuropsychopharmacology, 2011, 14, 505-517.	2.1	33
159	Publication trends in addiction research. Addiction Biology, 2011, 16, 532-539.	2.6	20
160	Perinatal exposure to alcohol disturbs spatial learning and glutamate transmission-related gene expression in the adult hippocampus. European Journal of Neuroscience, 2011, 34, 457-468.	2.6	23
161	Genetic variation in the PNPLA3 gene is associated with alcoholic liver injury in caucasians. Hepatology, 2011, 53, 86-95.	7.3	252
162	Effects of the Circadian Rhythm Gene Period 1 (Per1) on Psychosocial Stress-Induced Alcohol Drinking. American Journal of Psychiatry, 2011, 168, 1090-1098.	7.2	113

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163	Why do we take drugs? From the drug-reinforcement theory to a novel concept of drug instrumentalization. Behavioral and Brain Sciences, 2011, 34, 322-322.	0.7	1
164	Genome-wide association and genetic functional studies identify autism susceptibility candidate 2 gene (AUTS2) in the regulation of alcohol consumption. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7119-7124.	7.1	258
165	Effect of Acamprosate on Magnetic Resonance Spectroscopy Measures of Central Glutamate in Detoxified Alcohol-Dependent Individuals. Archives of General Psychiatry, 2010, 67, 1069.	12.3	136
166	Amphetamine regulates NR2B expression in Go2Î± knockout mice and thereby sustains behavioral sensitization. Journal of Neurochemistry, 2010, 115, 234-246.	3.9	4
167	A CALL FOR SYSTEMS APPROACHES IN ADDICTION RESEARCH. Addiction, 2010, 105, 791-792.	3.3	7
168	An integrated genome research network for studying the genetics of alcohol addiction. Addiction Biology, 2010, 15, 369-379.	2.6	57
169	Reward sensitivity for a palatable food reward peaks during pubertal developmental in rats. Frontiers in Behavioral Neuroscience, 2010, 4, .	2.0	55
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