

CITATION REPORT

List of articles citing

Ceftriaxone, a beta-lactam antibiotic, reduces ethanol consumption in alcohol-preferring rats

DOI: 10.1093/alcalc/agr023

Alcohol and Alcoholism, 2011, 46, 239-46.

Source: <https://exaly.com/paper-pdf/52206251/citation-report.pdf>

Version: 2024-04-19

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
114	Glutamate transporter 1: target for the treatment of alcohol dependence. 2012 , 19, 5148-56		46
113	Neuroimmunophilin GPI-1046 reduces ethanol consumption in part through activation of GLT1 in alcohol-preferring rats. 2012 , 227, 327-35		66
112	Ceftriaxone upregulates the glutamate transporter in medial prefrontal cortex and blocks reinstatement of methamphetamine seeking in a condition place preference paradigm. 2012 , 1456, 14-21		64
111	Adenosine and glutamate signaling in neuron-glia interactions: implications in alcoholism and sleep disorders. 2012 , 36, 1117-25		56
110	Ceftriaxone treatment affects the levels of GLT1 and ENT1 as well as ethanol intake in alcohol-preferring rats. 2013 , 51, 779-87		70
109	Antibiotics acting as neuroprotectants via mechanisms independent of their anti-infective activities. 2013 , 73, 174-82		11
108	Glutamatergic targets for new alcohol medications. 2013 , 229, 539-54		139
107	Striatal adenosine signaling regulates EAAT2 and astrocytic AQP4 expression and alcohol drinking in mice. 2013 , 38, 437-45		49
106	Effects of ceftriaxone on the acquisition and maintenance of ethanol drinking in peri-adolescent and adult female alcohol-preferring (P) rats. 2013 , 241, 229-38		22
105	From pathophysiology to novel antidepressant drugs: glial contributions to the pathology and treatment of mood disorders. 2013 , 73, 1172-9		158
104	Lack of effect of ceftriaxone, a GLT-1 transporter activator, on spatial memory in mice. 2013 , 108, 61-5		14
103	Reduction of dependence to cannabinoids by GLT-1 activating property of the beta-lactam antibiotic. 2013 , 80, 247-8		4
102	Ceftriaxone, a beta-lactam antibiotic, attenuates relapse-like ethanol-drinking behavior in alcohol-preferring rats. 2013 , 27, 541-9		60
101	Reinstatement of nicotine seeking is mediated by glutamatergic plasticity. 2013 , 110, 9124-9		172
100	Biotic acts of antibiotics. 2013 , 4, 241		28
99	Role of glutamate transporter 1 in the attenuation of alcohol intake. <i>Frontiers in Neuroscience</i> , 2014 , 8, 200	5.1	4
98	Change of cystine/glutamate antiporter expression in ethanol-dependent rats. <i>Frontiers in Neuroscience</i> , 2014 , 8, 311	5.1	10

97	Effectiveness of Ceftriaxone Treatment in Preventing Relapse-like Drinking Behavior Following Long-term Ethanol Dependence in P Rats. 2014 , 5,	14
96	Potential dual role of cephalosporins in management of alcohol use disorders. 2014 , 231, 4745-6	
95	Adenosine and glutamate in neuroglial interaction: implications for circadian disorders and alcoholism. 2014 , 11, 103-19	10
94	Attenuation of ethanol withdrawal by ceftriaxone-induced upregulation of glutamate transporter EAAT2. 2014 , 39, 1674-84	51
93	Antimicrobial utilization in multidisciplinary intensive care units of a public tertiary care hospital. 2014 , 5, 252-4	1
92	Evaluation of potassium clavulanate on ethanol consumption and decision making in the model of ethanol dependence in mice. 2014 , 5, 250-2	
91	Synaptic glutamate spillover due to impaired glutamate uptake mediates heroin relapse. 2014 , 34, 5649-57	109
90	Targeting the glutamatergic system to treat pathological gambling: current evidence and future perspectives. 2014 , 2014, 109786	27
89	Ceftriaxone, a beta-lactam antibiotic, modulates apoptosis pathways and oxidative stress in a rat model of neuropathic pain. 2014 , 2014, 937568	19
88	Exploring the role of central astrocytic glutamate uptake in ethanol reward in mice. 2014 , 38, 1307-14	13
87	Effects of ceftriaxone on chronic ethanol consumption: a potential role for xCT and GLT1 modulation of glutamate levels in male P rats. 2014 , 54, 71-7	40
86	Effects of ceftriaxone on systemic and central expression of anti- and pro-inflammatory cytokines in alcohol-preferring (P) rats exposed to ethanol. <i>Alcohol and Alcoholism</i> , 2014 , 49, 390-8	3.5 1
85	Metabotropic glutamatergic receptors and their ligands in drug addiction. 2014 , 142, 281-305	67
84	Alcohol-medical drug interactions. 2014 , 125, 543-59	13
83	Effects of ceftriaxone on ethanol intake: a possible role for xCT and GLT-1 isoforms modulation of glutamate levels in P rats. 2014 , 231, 4049-57	80
82	Effects of MS-153 on chronic ethanol consumption and GLT1 modulation of glutamate levels in male alcohol-preferring rats. 2014 , 8, 366	48
81	Glutamatergic transmission in drug reward: implications for drug addiction. <i>Frontiers in Neuroscience</i> , 2015 , 9, 404	5.1 87
80	Glutamate transporter EAAT2: regulation, function, and potential as a therapeutic target for neurological and psychiatric disease. 2015 , 72, 3489-506	94

79	Investigational therapies for the pharmacological treatment of alcoholism. 2015 , 24, 17-30		6
78	Effects of ceftriaxone on GLT1 isoforms, xCT and associated signaling pathways in P rats exposed to ethanol. 2015 , 232, 2333-42		41
77	Amoxicillin and amoxicillin/clavulanate reduce ethanol intake and increase GLT-1 expression as well as AKT phosphorylation in mesocorticolimbic regions. 2015 , 1622, 397-408		29
76	Effects of ampicillin on cystine/glutamate antiporter and glutamate transporter 1 isoforms as well as ethanol drinking in male P rats. 2015 , 600, 148-52		21
75	Ceftriaxone attenuates ethanol drinking and restores extracellular glutamate concentration through normalization of GLT-1 in nucleus accumbens of male alcohol-preferring rats. 2015 , 97, 67-74		87
74	Effects of ampicillin, cefazolin and cefoperazone treatments on GLT-1 expressions in the mesocorticolimbic system and ethanol intake in alcohol-preferring rats. 2015 , 295, 164-74		36
73	Effects of (R)-(-)-5-methyl-1-nicotinoyl-2-pyrazoline on glutamate transporter 1 and cysteine/glutamate exchanger as well as ethanol drinking behavior in male, alcohol-preferring rats. 2015 , 93, 930-7		28
72	Targeting glutamate uptake to treat alcohol use disorders. <i>Frontiers in Neuroscience</i> , 2015 , 9, 144	5.1	86
71	Adenosine and Glutamate in Neuroglial Interaction. 2015 , 321-327		
70	Ceftriaxone reverses ketamine-induced lasting EEG and astrocyte alterations in juvenile mice. 2015 , 156, 14-20		4
69	Glutamate transporter GLT-1 mediates N-acetylcysteine inhibition of cocaine reinstatement. 2015 , 20, 316-23		118
68	Effects of Amoxicillin and Augmentin on Cystine-Glutamate Exchanger and Glutamate Transporter 1 Isoforms as well as Ethanol Intake in Alcohol-Preferring Rats. <i>Frontiers in Neuroscience</i> , 2016 , 10, 171	5.1	25
67	Effects of Ceftriaxone on Glial Glutamate Transporters in Wistar Rats Administered Sequential Ethanol and Methamphetamine. <i>Frontiers in Neuroscience</i> , 2016 , 10, 427	5.1	21
66	Review of Antibiotic and Non-Antibiotic Properties of Beta-lactam Molecules. 2016 , 15, 3-14		5
65	Ethanol-Associated Changes in Glutamate Reward Neurocircuitry: A Minireview of Clinical and Preclinical Genetic Findings. 2016 , 137, 41-85		45
64	Effects of ceftriaxone on ethanol, nicotine or sucrose intake by alcohol-preferring (P) rats and its association with GLT-1 expression. 2016 , 326, 117-125		42
63	Expression of Glutamate Transporters in Alcohol Withdrawal. 2016 , 49, 14-7		4
62	Development and evaluation of a calcium alginate based oral ceftriaxone sodium formulation. 2016 , 5, 117-133		66

61	Optogenetic inhibition of cortical afferents in the nucleus accumbens simultaneously prevents cue-induced transient synaptic potentiation and cocaine-seeking behavior. 2016 , 221, 1681-9	75
60	A Genetic Animal Model of Alcoholism for Screening Medications to Treat Addiction. 2016 , 126, 179-261	32
59	Effects of cefazolin and cefoperazone on glutamate transporter 1 isoforms and cystine/glutamate exchanger as well as alcohol drinking behavior in male alcohol-preferring rats. 2016 , 1634, 150-157	16
58	Glutamatergic mechanisms of comorbidity between acute stress and cocaine self-administration. 2016 , 21, 1063-9	20
57	Astroglial glutamate transporters in the brain: Regulating neurotransmitter homeostasis and synaptic transmission. 2017 , 95, 2140-2151	85
56	Rat animal models for screening medications to treat alcohol use disorders. 2017 , 122, 201-243	53
55	Effects of repeated cocaine exposure and withdrawal on voluntary ethanol drinking, and the expression of glial glutamate transporters in mesocorticolimbic system of P rats. 2017 , 82, 58-65	16
54	Glutamate Transport: A New Bench to Bedside Mechanism for Treating Drug Abuse. 2017 , 20, 797-812	35
53	Accumbens nNOS Interneurons Regulate Cocaine Relapse. 2017 , 37, 742-756	62
52	Effects of orally administered Augmentin on glutamate transporter 1, cystine-glutamate exchanger expression and ethanol intake in alcohol-preferring rats. 2017 , 320, 316-322	10
51	Corticostriatal plasticity, neuronal ensembles, and regulation of drug-seeking behavior. 2017 , 235, 93-112	37
50	Lactamase inhibitor, clavulanic acid, attenuates ethanol intake and increases glial glutamate transporters expression in alcohol preferring rats. 2017 , 657, 140-145	16
49	Glial and neuroinflammatory targets for treating substance use disorders. 2017 , 180, 156-170	58
48	Ceftriaxone reduces alcohol intake in outbred rats while upregulating xCT in the nucleus accumbens core. 2017 , 159, 18-23	21
47	The Glutamate Transporter GLT1 and Cocaine Relapse. 2017 , 501-509	
46	Effects of Alcohol Cues on MRS Glutamate Levels in the Anterior Cingulate. <i>Alcohol and Alcoholism</i> , 2018 , 53, 209-215	3,5 18
45	Effects of ceftriaxone on hydrocodone seeking behavior and glial glutamate transporters in P rats. 2018 , 347, 368-376	18
44	Rescue of glutamate transport in the lateral habenula alleviates depression- and anxiety-like behaviors in ethanol-withdrawn rats. 2018 , 129, 47-56	37

43	Purinergic Signaling in Neuron-Astrocyte Interactions, Circadian Rhythms, and Alcohol Use Disorder. 2018 , 9, 9	19
42	N-acetyl cysteine in the treatment of alcohol use disorder in patients with liver disease: Rationale for further research. 2018 , 27, 667-675	10
41	Alcohol and Cocaine Exposure Modulates ABCB1 and ABCG2 Transporters in Male Alcohol-Preferring Rats. 2019 , 56, 1921-1932	7
40	Repurposing of the β -Lactam Antibiotic, Ceftriaxone for Neurological Disorders: A Review. <i>Frontiers in Neuroscience</i> , 2019 , 13, 236	5.1 35
39	Neuroimmune signaling in alcohol use disorder. 2019 , 177, 34-60	71
38	Effects of Clavulanic Acid Treatment on Reinstatement to Methamphetamine, Glial Glutamate Transporters, and mGluR 2/3 Expression in P Rats Exposed to Ethanol. 2019 , 67, 1-15	12
37	Serious central nervous system side effects of cephalosporins: A national analysis of serious reports registered in the French Pharmacovigilance Database. 2019 , 398, 196-201	18
36	The neurobiology of addiction. 2019 , 1451, 5-28	54
35	Glial mechanisms underlying substance use disorders. 2019 , 50, 2574-2589	26
34	β -Lactams modulate astroglial glutamate transporters and attenuate dependence to CP 55,940, a CB1 receptor agonist, in rat model. 2019 , 359, 709-718	5
33	N-Acetylcysteine treatment during acute stress prevents stress-induced augmentation of addictive drug use and relapse. 2020 , 25, e12798	17
32	Effects of chronic ethanol consumption on the expression of GLT-1 and neuroplasticity-related proteins in the nucleus accumbens of alcohol-preferring rats. 2020 , 165, 272-280	2
31	Ampicillin/Sulbactam Treatment Modulates NMDA Receptor NR2B Subunit and Attenuates Neuroinflammation and Alcohol Intake in Male High Alcohol Drinking Rats. 2020 , 10,	4
30	Influence of n-acetylcysteine maintenance on the pharmacodynamic effects of oral ethanol. 2020 , 198, 173037	5
29	SLC Neurotransmitter Transporters as Therapeutic Targets for Alcohol Use Disorder: A Narrative Review. 2020 , 44, 1965-1976	3
28	Oxidative Stress and Neuroinflammation as a Pivot in Drug Abuse. A Focus on the Therapeutic Potential of Antioxidant and Anti-Inflammatory Agents and Biomolecules. 2020 , 9,	14
27	Antibiotic-induced disruption of commensal microbiome linked to increases in binge-like ethanol consumption behavior. 2020 , 1747, 147067	6
26	Molecular changes evoked by the beta-lactam antibiotic ceftriaxone across rodent models of substance use disorder and neurological disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 115, 116-130	9 19

25	Psychostimulants. 2020 , 1-245		1
24	Chronic Ethanol Consumption Alters Glucocorticoid Receptor Isoform Expression in Stress Neurocircuits and Mesocorticolimbic Brain Regions of Alcohol-Preferring Rats. 2020 , 437, 107-116		5
23	Sex differences in the glutamate system: Implications for addiction. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 113, 157-168	9	18
22	Ceftriaxone Attenuated Anxiety-Like Behavior and Enhanced Brain Glutamate Transport in Zebrafish Subjected to Alcohol Withdrawal. 2020 , 45, 1526-1535		5
21	Effects of Cocaine Exposure on Astrocytic Glutamate Transporters and Relapse-Like Ethanol-Drinking Behavior in Male Alcohol-Preferring Rats. <i>Alcohol and Alcoholism</i> , 2020 , 55, 254-263	3.5	7
20	Effect of Modulation of the Astrocytic Glutamate Transporters Expression on Cocaine-Induced Reinstatement in Male P Rats Exposed to Ethanol. <i>Alcohol and Alcoholism</i> , 2021 , 56, 210-219	3.5	3
19	Evidence for Modulation of Substance Use Disorders by the Gut Microbiome: Hidden in Plain Sight. 2021 , 73, 571-596		10
18	Metaplastic Effects of Ketamine and MK-801 on Glutamate Receptors Expression in Rat Medial Prefrontal Cortex and Hippocampus. 2021 , 58, 3443-3456		4
17	The effect of prescribing antibiotics with opioids on the development of opioid use disorder: a national database study. 2021 , 1-13		2
16	Involvement of the dopaminergic system in the reward-related behavior of pregabalin. 2021 , 11, 10577		0
15	Serious Neurological Adverse Events of Ceftriaxone. 2021 , 10,		3
14	Differential effects of inhibitors of PTZ-induced kindling on glutamate transporters and enzyme expression. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021 , 48, 1662-1673	3	0
13	Immune treatments for alcohol use disorder: A translational framework. <i>Brain, Behavior, and Immunity</i> , 2021 , 97, 349-364	16.6	7
12	Potential therapeutic role of glutamate transporter 1 for the treatment of alcohol dependence. 2013 , 1, 6		10
11	Glutamate Transporter GLT-1 as a Therapeutic Target for Substance Use Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 745-56	2.6	79
10	Corticostriatal circuitry in regulating diseases characterized by intrusive thinking. <i>Dialogues in Clinical Neuroscience</i> , 2016 , 18, 65-76	5.7	26
9	Role of astrocytic glutamate transporter in alcohol use disorder. <i>World Journal of Psychiatry</i> , 2016 , 6, 31-42	3	28
8	Ceftriaxone and Melittin Synergistically Promote Wound Healing in Diabetic Rats. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4

- 7 Linking Polysubstance Use, Glutamate, and the Nucleus Accumbens. **2022**, 1-16
- 6 Interactive role of acid sensing ion channels and glutamatergic system in opioid dependence.. *Neuroscience and Biobehavioral Reviews*, **2022**, 135, 104581 9 0
- 5 Pharmacological Role of Glutamate Transporters in Substance Use Disorders. **2022**, 403-433
- 4 Ceftriaxone as a Novel Therapeutic Agent for Hyperglutamatergic States: Bridging the Gap Between Preclinical Results and Clinical Translation. *Frontiers in Neuroscience*, 16, 5.1 0
- 3 Knowledge atlas of the involvement of glutamate and GABA in alcohol use disorder: A bibliometric and scientometric analysis. 13, 0
- 2 Linking Polysubstance Use, Glutamate, and the Nucleus Accumbens. **2022**, 2817-2832 0
- 1 Individual differences in cocaine seeking during voluntary abstinence predicts cocaine relapse and the circuitry mediating relapse. 0