

Boris Tabakoff

List of Publications by Year in descending order

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95
papers

4,229
citations

147726

31
h-index

123376

61
g-index

100
all docs

100
docs citations

100
times ranked

3875
citing authors

#	ARTICLE	IF	CITATIONS
1	N-Methyl-D-Aspartate Receptors and Ethanol: Inhibition of Calcium Flux and Cyclic GMP Production. <i>Journal of Neurochemistry</i> , 1989, 52, 1937-1940.	2.1	556
2	The multiMiR R package and database: integration of microRNA target interactions along with their disease and drug associations. <i>Nucleic Acids Research</i> , 2014, 42, e133-e133.	6.5	409
3	Toward understanding the genetics of alcohol drinking through transcriptome meta-analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6368-6373.	3.3	349
4	Addictions Biology: Haplotype-Based Analysis for 130 Candidate Genes on a Single Array. <i>Alcohol and Alcoholism</i> , 2008, 43, 505-515.	0.9	222
5	Corticosterone concentrations in mice during ethanol drinking and withdrawal. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 30, 371-374.	1.2	153
6	Genetical genomic determinants of alcohol consumption in rats and humans. <i>BMC Biology</i> , 2009, 7, 70.	1.7	148
7	Alcohol Addiction: An Enigma among Us. <i>Neuron</i> , 1996, 16, 909-912.	3.8	119
8	The neurobiology of alcohol consumption and alcoholism: An integrative history. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 113, 20-37.	1.3	117
9	Carbohydrate-Deficient Transferrin and gamma-Glutamyltransferase for the Detection and Monitoring of Alcohol Use: Results From a Multisite Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1215-1222.	1.4	101
10	Selective Breeding, Quantitative Trait Locus Analysis, and Gene Arrays Identify Candidate Genes for Complex Drug-Related Behaviors. <i>Journal of Neuroscience</i> , 2003, 23, 4491-4498.	1.7	91
11	The genomic determinants of alcohol preference in mice. <i>Mammalian Genome</i> , 2008, 19, 352-365.	1.0	90
12	Candidate genes and their regulatory elements: alcohol preference and tolerance. <i>Mammalian Genome</i> , 2006, 17, 669-688.	1.0	84
13	Genomic landscape of rat strain and substrain variation. <i>BMC Genomics</i> , 2015, 16, 357.	1.2	84
14	Selective Effects of Ethanol on the Generation of cAMP by Particular Members of the Adenylyl Cyclase Family. <i>Alcoholism: Clinical and Experimental Research</i> , 1995, 19, 1435-1440.	1.4	82
15	Involvement of Protein Kinase C in Ethanol-Induced Inhibition of NMDA Receptor Function in Cerebellar Granule Cells. <i>Alcoholism: Clinical and Experimental Research</i> , 1994, 18, 81-85.	1.4	66
16	Attenuation of Glutamate-Induced Neurotoxicity in Chronically Ethanol-Exposed Cerebellar Granule Cells by NMDA Receptor Antagonists and Ganglioside GM1. <i>Alcoholism: Clinical and Experimental Research</i> , 1995, 19, 721-726.	1.4	64
17	Association of monoamine oxidase (MAO) activity with alcoholism and alcoholic subtypes. <i>American Journal of Medical Genetics Part A</i> , 1993, 48, 209-213.	2.4	62
18	The sequenced rat brain transcriptome its use in identifying networks predisposing alcohol consumption. <i>FEBS Journal</i> , 2015, 282, 3556-3578.	2.2	52

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19	A systems genetic analysis of alcohol drinking by mice, rats and men: Influence of brain GABAergic transmission. <i>Neuropharmacology</i> , 2011, 60, 1269-1280.	2.0	50
20	Genomic Insights into Acute Alcohol Tolerance. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 792-800.	1.3	49
21	Genetic Markers of Comorbid Depression and Alcoholism in Women. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 896-904.	1.4	49
22	Ethanol-induced Phosphorylation and Potentiation of the Activity of Type 7 Adenylyl Cyclase. <i>Journal of Biological Chemistry</i> , 2003, 278, 4552-4560.	1.6	45
23	Protein Kinase C Activation Attenuates <i>N</i> -Methyl-D-Aspartate-Induced Increases in Intracellular Calcium in Cerebellar Granule Cells. <i>Journal of Neurochemistry</i> , 1994, 62, 1783-1789.	2.1	45
24	Relationships Between Effects of Smoking, Gender, and Alcohol Dependence on Platelet Monoamine Oxidase-B: Activity, Affinity Labeling, and Protein Measurements. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1105-1113.	1.4	43
25	Type 7 Adenylyl Cyclase is Involved in the Ethanol and CRF Sensitivity of GABAergic Synapses in Mouse Central Amygdala. <i>Frontiers in Neuroscience</i> , 2011, 4, 207.	1.4	42
26	Quantitative Changes in G Proteins Do Not Mediate Ethanol-Induced Downregulation of Adenylyl Cyclase in Mouse Cerebral Cortex. <i>Alcoholism: Clinical and Experimental Research</i> , 1995, 19, 187-194.	1.4	41
27	A Sex-Specific Role of Type VII Adenylyl Cyclase in Depression. <i>Journal of Neuroscience</i> , 2006, 26, 12609-12619.	1.7	41
28	Mechanism of Ethanol Inhibition of NMDA Receptor Function in Primary Cultures of Cerebral Cortical Cells. <i>Alcoholism: Clinical and Experimental Research</i> , 1996, 20, 934-941.	1.4	40
29	The PhenoGen Informatics website: tools for analyses of complex traits. <i>BMC Genetics</i> , 2007, 8, 59.	2.7	40
30	WHO/ISBRA Study on State and Trait Markers of Alcohol Use and Dependence: Analysis of Demographic, Behavioral, Physiologic, and Drinking Variables That Contribute to Dependence and Seeking Treatment. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1047-1061.	1.4	39
31	Effect of ethanol on the binding of [³⁵ S]- γ -butylbicyclopheosphorothionate to mouse brain membranes. <i>Life Sciences</i> , 1986, 38, 1931-1939.	2.0	36
32	Localization of the gene for a novel human adenylyl cyclase (ADCY7) to chromosome 16. <i>Human Genetics</i> , 1995, 95, 197-200.	1.8	34
33	Whole Brain and Brain Regional Coexpression Network Interactions Associated with Predisposition to Alcohol Consumption. <i>PLoS ONE</i> , 2013, 8, e68878.	1.1	34
34	Phosphorylation cascades control the actions of ethanol on cell cAMP signalling. <i>Journal of Biomedical Science</i> , 2001, 8, 44-51.	2.6	30
35	Sex Differences in the Brain Transcriptome Related to Alcohol Effects and Alcohol Use Disorder. <i>Biological Psychiatry</i> , 2022, 91, 43-52.	0.7	30
36	Platelet Adenylyl Cyclase Activity as a Trait Marker of Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 810-821.	1.4	29

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37	Chronic ethanol exposure delays the "developmental switch"™ of the NMDA receptor 2A and 2B subunits in cultured cerebellar granule neurons. <i>Journal of Neurochemistry</i> , 2001, 78, 396-405.	2.1	28
38	Gene Array Profiles of Alcohol and Aldehyde Metabolizing Enzymes in Brains of C57BL/6 and DBA/2 Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 1659-1669.	1.4	27
39	Chronic Ethanol Exposure Attenuates the Anti-Apoptotic Effect of NMDA in Cerebellar Granule Neurons. <i>Journal of Neurochemistry</i> , 2002, 75, 1035-1044.	2.1	26
40	The 5-HT3 Antagonist MDL-72222 Exacerbates Ethanol Withdrawal Seizures in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 1994, 18, 410-414.	1.4	25
41	Type 7 Adenylyl Cyclase-Mediated Hypothalamic-Pituitary-Adrenal Axis Responsiveness: Influence of Ethanol and Sex. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 44-52.	1.3	24
42	Role of Protein Kinase C in Ethanol-Induced Activation of Adenylyl Cyclase. <i>Alcoholism: Clinical and Experimental Research</i> , 1999, 23, 77-86.	1.4	23
43	Sex-Specific Role for Adenylyl Cyclase Type 7 in Alcohol Dependence. <i>Biological Psychiatry</i> , 2011, 69, 1100-1108.	0.7	23
44	Effects of Abstinence and Family History for Alcoholism on Platelet Adenylyl Cyclase Activity. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 1955-1961.	1.4	22
45	Influence of sex on genetic regulation of "drinking in the dark" alcohol consumption. <i>Mammalian Genome</i> , 2015, 26, 43-56.	1.0	21
46	A New Genomewide Association Meta-Analysis of Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 1388-1395.	1.4	20
47	Chronic ethanol exposure results in increased acute functional tolerance in selected lines of HAFT and LAFT mice. <i>Psychopharmacology</i> , 2001, 155, 405-412.	1.5	19
48	Adenylyl Cyclases: mRNA and Characteristics of Enzyme Activity in Three Areas of Brain. <i>Journal of Neurochemistry</i> , 1996, 67, 177-185.	2.1	19
49	Genetic Correlations Between Initial Sensitivity to Ethanol and Brain cAMP Signaling in Inbred and Selectively Bred Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 791-799.	1.4	18
50	Aptardi predicts polyadenylation sites in sample-specific transcriptomes using high-throughput RNA sequencing and DNA sequence. <i>Nature Communications</i> , 2021, 12, 1652.	5.8	18
51	Inhibition of Neuronal Na ⁺ Channels by the Novel Antiepileptic Compound DCUKA: Identification of the Diphenylureido Moiety as an Inactivation Modifier. <i>Experimental Neurology</i> , 2002, 178, 129-138.	2.0	17
52	Is Ethanol a Discriminating Substance?. <i>Seminars in Liver Disease</i> , 1988, 8, 26-35.	1.8	16
53	Platelet Adenylyl Cyclase Activity as a State or Trait Marker in Alcohol Dependence: Results of the WHO/ISBRA Study on State and Trait Markers of Alcohol Use and Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1078-1087.	1.4	16
54	A long non-coding lncRNA (lncRNA) modulates brain gene expression and levels of alcohol consumption in rats. <i>Genes, Brain and Behavior</i> , 2021, 20, e12698.	1.1	16

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55	Human adenylyl cyclase type 7 contains polymorphic repeats in the 3' untranslated region: Investigations of association with alcoholism. , 1997, 74, 95-98.		15
56	Effect of Ethanol on DARPP-32 Phosphorylation in Transgenic Mice That Express Human Type VII Adenylyl Cyclase in Brain. Alcoholism: Clinical and Experimental Research, 2005, 29, 310-316.	1.4	15
57	Alcoholic-Hepatitis, Links to Brain and Microbiome: Mechanisms, Clinical and Experimental Research. Biomedicines, 2020, 8, 63.	1.4	15
58	Selective Effects of Sedative/Hypnotic Drugs on Excitatory Amino Acid Receptors in Brain. Annals of the New York Academy of Sciences, 1991, 625, 488-495.	1.8	14
59	Networking in Biology: The Hybrid Rat Diversity Panel. Methods in Molecular Biology, 2019, 2018, 213-231.	0.4	14
60	Potential translational targets revealed by linking mouse grooming behavioral phenotypes to gene expression using public databases. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 40, 312-325.	2.5	13
61	Using the Phenogen website for <i>in silico</i> ™ analysis of morphine-induced analgesia: identifying candidate genes. Addiction Biology, 2011, 16, 393-404.	1.4	12
62	Uncovering the liver's™ role in immunity through RNA co-expression networks. Mammalian Genome, 2016, 27, 469-484.	1.0	12
63	Research Needs for Inpatient Management of Severe Alcohol Withdrawal Syndrome: An Official American Thoracic Society Research Statement. American Journal of Respiratory and Critical Care Medicine, 2021, 204, e61-e87.	2.5	12
64	Is the Alcohol Deprivation Effect Genetically Mediated? Studies with HXB/BXH Recombinant Inbred Rat Strains. Alcoholism: Clinical and Experimental Research, 2014, 38, 2148-2157.	1.4	11
65	Systems genetic analysis of brown adipose tissue function. Physiological Genomics, 2018, 50, 52-66.	1.0	11
66	WHO/ISBRA Study on State and Trait Markers of Alcohol Use and Dependence: analysis of demographic, behavioral, physiologic, and drinking variables that contribute to dependence and seeking treatment. International Society on Biomedical Research on Alcoholism. Alcoholism: Clinical and Experimental Research, 2002, 26, 1047-61.	1.4	11
67	An Initial Study of the Relationship Between Platelet Adenylyl Cyclase Activity and Alcohol Use Disorder Criteria. Alcoholism: Clinical and Experimental Research, 1998, 22, 1057-1064.	1.4	10
68	Platelet Adenylyl Cyclase Activity as a Trait Marker of Alcohol Dependence. Alcoholism: Clinical and Experimental Research, 2000, 24, 810-821.	1.4	10
69	Genetical Genomic Analysis of Complex Phenotypes Using the PhenoGen Website. Behavior Genetics, 2011, 41, 625-628.	1.4	9
70	Voluntary exposure to a toxin: the genetic influence on ethanol consumption. Mammalian Genome, 2018, 29, 128-140.	1.0	9
71	Novel Molecule Exhibiting Selective Affinity for GABAA Receptor Subtypes. Scientific Reports, 2017, 7, 6230.	1.6	8
72	Effects of Alcohol and Acetate on Cerebral Blood Flow: A Pilot Study. Alcoholism: Clinical and Experimental Research, 2019, 43, 2070-2078.	1.4	8

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73	Unsupervised, Statistically Based Systems Biology Approach for Unraveling the Genetics of Complex Traits: A Demonstration with Ethanol Metabolism. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 1177-1191.	1.4	7
74	The Search for Biochemical Markers. <i>Alcohol Health and Research World</i> , 1995, 19, 176-181.	0.2	7
75	Predictive modeling of miRNA-mediated predisposition to alcohol-related phenotypes in mouse. <i>BMC Genomics</i> , 2018, 19, 639.	1.2	6
76	An Opinion Regarding the INEBRIA Position Statement on the Alcohol Industry and the Thoughts of Others on This Issue. <i>Journal of Studies on Alcohol and Drugs</i> , 2016, 77, 544-545.	0.6	5
77	Transcriptome and metabolome changes induced by bitter melon (<i>Momordica charantia</i>)- intake in a high-fat diet induced obesity model. <i>Journal of Traditional and Complementary Medicine</i> , 2021, 12, 287-301.	1.5	5
78	Relationships Between Effects of Smoking, Gender, and Alcohol Dependence on Platelet Monoamine Oxidase-B: Activity, Affinity Labeling, and Protein Measurements. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1105-1113.	1.4	5
79	A novel substituted aminoquinoline selectively targets voltage-sensitive sodium channel isoforms and NMDA receptor subtypes and alleviates chronic inflammatory and neuropathic pain. <i>European Journal of Pharmacology</i> , 2016, 784, 1-14.	1.7	4
80	Altered gene expression in early postnatal monoamine oxidase A knockout mice. <i>Brain Research</i> , 2017, 1669, 18-26.	1.1	4
81	Brain injury and inflammation genes common to a number of neurological diseases and the genes involved in the genesis of GABAergic neurons are altered in monoamine oxidase B knockout mice. <i>Brain Research</i> , 2022, 1774, 147724.	1.1	4
82	Transducing Emotionality: The Role of Adenylyl Cyclases. <i>Biological Psychiatry</i> , 2012, 71, 572-573.	0.7	3
83	Can one tell a book by its cover?. <i>Addiction</i> , 2001, 96, 1667-1680.	1.7	2
84	Using Baseline Transcriptional Connectomes in Rat to Identify Genetic Pathways Associated with Predisposition to Complex Traits. <i>Methods in Molecular Biology</i> , 2017, 1488, 299-317.	0.4	2
85	Beyond Genes: Inclusion of Alternative Splicing and Alternative Polyadenylation to Assess the Genetic Architecture of Predisposition to Voluntary Alcohol Consumption in Brain of the HXB/BXH Recombinant Inbred Rat Panel. <i>Frontiers in Genetics</i> , 2022, 13, 821026.	1.1	2
86	The Effects of Ethanol on Neuronal and Glial Differentiation and Development. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 2070-2075.	1.4	1
87	Effects of acetate on cerebral blood flow, systemic inflammation, and behavior in alcohol use disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 922-933.	1.4	1
88	Effects of Abstinence and Family History for Alcoholism on Platelet Adenylyl Cyclase Activity. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 1955.	1.4	1
89	Genetic Correlations Between Initial Sensitivity to Ethanol and Brain cAMP Signaling in Inbred and Selectively Bred Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 791-799.	1.4	1
90	Platelet Adenylyl Cyclase Activity as a State or Trait Marker in Alcohol Dependence: Results of the WHO/ISBRA Study on State and Trait Markers of Alcohol Use and Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 1078-1087.	1.4	1

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91	Phosphorylation Cascades Control the Actions of Ethanol on Cell cAMP Signalling. Journal of Biomedical Science, 2001, 8, 44-51.	2.6	1
92	Hybrid Rat Diversity Program (HRDP): A Rat Resource for Systems Genetics. FASEB Journal, 2019, 33, 595.5.	0.2	1
93	Charles Lieber, alcoholism researcher, 1931-2009. Addiction, 2009, 104, 1937-1939.	1.7	0
94	Myrddin Evans: A Gentleman and a Founder of the Medical Council on Alcohol (MCA) and its Journal. Alcohol and Alcoholism, 2017, 52, 267-268.	0.9	0
95	Controlling the "Opioid Epidemic": A Novel Chemical Entity (NCE) to Reduce or Supplant Opiate Use for Chronic Pain. Journal of Psychiatry and Brain Science, 2020, 5, .	0.3	0