Karl F Mann

List of Publications by Year
in descending order

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117 papers	10,695 citations	36303 51 h-index	32842 100 g-index
124 all docs	124 docs citations	124 times ranked	10005 citing authors

#	Article	IF	Citations
1	Correlated gene expression supports synchronous activity in brain networks. Science, 2015, 348, 1241-1244.	12.6	532
2	Cue-induced activation of the striatum and medial prefrontal cortex is associated with subsequent relapse in abstinent alcoholics. Psychopharmacology, 2004, 175, 296-302.	3.1	526
3	Topiramate for Treating Alcohol Dependence<SUBTITLE>A Randomized Controlled Trial</SUBTITLE>. JAMA - Journal of the American Medical Association, 2007, 298, 1641.	7.4	490
4	Transancestral GWAS of alcohol dependence reveals common genetic underpinnings with psychiatric disorders. Nature Neuroscience, 2018, 21, 1656-1669.	14.8	490
5	Extending the Treatment Options in Alcohol Dependence: A Randomized Controlled Study of As-Needed Nalmefene. Biological Psychiatry, 2013, 73, 706-713.	1.3	457
6	Neuropsychosocial profiles of current and future adolescent alcohol misusers. Nature, 2014, 512, 185-189.	27.8	368
7	A randomised, double-blind, placebo-controlled, efficacy study of nalmefene, as-needed use, in patients with alcohol dependence. European Neuropsychopharmacology, 2013, 23, 1432-1442.	0.7	359
8	Gaming disorder: Its delineation as an important condition for diagnosis, management, and prevention. Journal of Behavioral Addictions, 2017, 6, 271-279.	3.7	359
9	Genome-wide Association Study of Alcohol Dependence. Archives of General Psychiatry, 2009, 66, 773.	12.3	354
10	The Efficacy of Acamprosate in the Maintenance of Abstinence in Alcoholâ€Dependent Individuals: Results of a Metaâ€Analysis. Alcoholism: Clinical and Experimental Research, 2004, 28, 51-63.	2.4	320
11	Initial, habitual and compulsive alcohol use is characterized by a shift of cue processing from ventral to dorsal striatum. Addiction, 2010, 105, 1741-1749.	3.3	305
12	Efficacy of As-Needed Nalmefene in Alcohol-Dependent Patients with at Least a High Drinking Risk Level: Results from a Subgroup Analysis of Two Randomized Controlled 6-Month Studies. Alcohol and Alcoholism, 2013, 48, 570-578.	1.6	293
13	Alcohol and the Human Brain: A Systematic Review of Different Neuroimaging Methods. Alcoholism: Clinical and Experimental Research, 2011, 35, 1771-1793.	2.4	258
14	Correlation of Stable Elevations in Striatal Î¼-Opioid Receptor Availability in Detoxified Alcoholic Patients With Alcohol Craving. Archives of General Psychiatry, 2005, 62, 57.	12.3	231
15	Severity of nicotine dependence modulates cue-induced brain activity in regions involved in motor preparation and imagery. Psychopharmacology, 2006, 184, 577-588.	3.1	202
16	REWARD CRAVING AND WITHDRAWAL RELIEF CRAVING: ASSESSMENT OF DIFFERENT MOTIVATIONAL PATHWAYS TO ALCOHOL INTAKE. Alcohol and Alcoholism, 2003, 38, 35-39.	1.6	188
17	Pharmacotherapy of Alcohol Dependence. CNS Drugs, 2004, 18, 485-504.	5.9	187
18	Effects of Cue-Exposure Treatment on Neural Cue Reactivity in Alcohol Dependence: A Randomized Trial. Biological Psychiatry, 2011, 69, 1060-1066.	1.3	178

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19	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
20	Which conditions should be considered as disorders in the International Classification of Diseases (ICD-11) designation of â€œother specified disorders due to addictive behaviorsâ€?. Journal of Behavioral Addictions, 2020, , .	3.7	165
21	Acamprosate: Recent Findings and Future Research Directions. Alcoholism: Clinical and Experimental Research, 2008, 32, 1105-1110.	2.4	154
22	Genomeâ€wide significant association between alcohol dependence and a variant in the ADH gene cluster. Addiction Biology, 2012, 17, 171-180.	2.6	154
23	Clinical Validation of Reduced Alcohol Consumption After Treatment for Alcohol Dependence Using the World Health Organization Risk Drinking Levels. Alcoholism: Clinical and Experimental Research, 2017, 41, 179-186.	2.4	123
24	Efficacy of Short-term Treatment of Internet and Computer Game Addiction. JAMA Psychiatry, 2019, 76, 1018.	11.0	114
25	Cue exposure in the treatment of alcohol dependence: Effects on drinking outcome, craving and selfâ€efficacy. British Journal of Clinical Psychology, 2006, 45, 515-529.	3.5	112
26	Pathological gambling: a review of the neurobiological evidence relevant for its classification as an addictive disorder. Addiction Biology, 2017, 22, 885-897.	2.6	111
27	Long-term efficacy, tolerability and safety of nalmefene as-needed in patients with alcohol dependence: A 1-year, randomised controlled study. Journal of Psychopharmacology, 2014, 28, 733-744.	4.0	109
28	Change in non-abstinent WHO drinking risk levels and alcohol dependence: a 3 year follow-up study in the US general population. Lancet Psychiatry,the, 2017, 4, 469-476.	7.4	108
29	Results of a double-blind, placebo-controlled pharmacotherapy trial in alcoholism conducted in Germany and comparison with the US COMBINE study. Addiction Biology, 2013, 18, 937-946.	2.6	98
30	Association of the OPRM1 Variant rs1799971 (A118G) with Non-Specific Liability to Substance Dependence in a Collaborative de novo Meta-Analysis of European-Ancestry Cohorts. Behavior Genetics, 2016, 46, 151-169.	2.1	98
31	Neurobiological correlates of physical self-concept and self-identification with avatars in addicted players of Massively Multiplayer Online Role-Playing Games (MMORPGs). Addictive Behaviors, 2014, 39, 1789-1797.	3.0	92
32	Pharmacotherapy for Alcohol Dependence: The 2015 Recommendations of the French Alcohol Society, Issued in Partnership with the European Federation of Addiction Societies. CNS Neuroscience and Therapeutics, 2016, 22, 25-37.	3.9	91
33	Precision Medicine in Alcohol Dependence: A Controlled Trial Testing Pharmacotherapy Response Among Reward and Relief Drinking Phenotypes. Neuropsychopharmacology, 2018, 43, 891-899.	5.4	91
34	Blockade of Cue-induced Brain Activation of Abstinent Alcoholics by a Single Administration of Amisulpride as Measured With fMRI. Alcoholism: Clinical and Experimental Research, 2006, 30, 1349-1354.	2.4	88
35	Blunted ventral striatal responses to anticipated rewards foreshadow problematic drug use in novelty-seeking adolescents. Nature Communications, 2017, 8, 14140.	12.8	87
36	Searching for Responders to Acamprosate and Naltrexone in Alcoholism Treatment: Rationale and Design of the Predict Study. Alcoholism: Clinical and Experimental Research, 2009, 33, 674-683.	2.4	86

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37	Drinking Risk Level Reductions Associated with Improvements in Physical Health and Quality of Life Among Individuals with Alcohol Use Disorder. Alcoholism: Clinical and Experimental Research, 2018, 42, 2453-2465.	2.4	82
38	Predicting Naltrexone Response in Alcoholâ€Dependent Patients: The Contribution of Functional Magnetic Resonance Imaging. Alcoholism: Clinical and Experimental Research, 2014, 38, 2754-2762.	2.4	79
39	Avatarâ€™s neurobiological traces in the self-concept of massively multiplayer online role-playing game (MMORPG) addicts.. Behavioral Neuroscience, 2015, 129, 8-17.	1.2	79
40	Avoidance of Alcohol-Related Stimuli Increases During the Early Stage of Abstinence in Alcohol-Dependent Patients. Alcohol and Alcoholism, 2009, 44, 458-463.	1.6	78
41	Nalmefene for the management of alcohol dependence: review on its pharmacology, mechanism of action and meta-analysis on its clinical efficacy. European Neuropsychopharmacology, 2016, 26, 1941-1949.	0.7	77
42	Evaluation of Drinking Risk Levels as Outcomes in Alcohol Pharmacotherapy Trials. JAMA Psychiatry, 2019, 76, 374.	11.0	77
43	CLINICAL STUDY: Attentional bias in alcoholâ€dependent patients: the role of chronicity and executive functioning. Addiction Biology, 2009, 14, 194-203.	2.6	69
44	Reduced Drinking in Alcohol Dependence Treatment, What Is the Evidence?. European Addiction Research, 2017, 23, 219-230.	2.4	67
45	The links between healthy, problematic, and addicted Internet use regarding comorbidities and self-concept-related characteristics. Journal of Behavioral Addictions, 2018, 7, 31-43.	3.7	64
46	Individualised treatment in alcohol-dependent patients. European Archives of Psychiatry and Clinical Neuroscience, 2010, 260, 116-120.	3.2	62
47	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
48	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
49	Incubation of neural alcohol cue reactivity after withdrawal and its blockade by naltrexone. Addiction Biology, 2020, 25, e12717.	2.6	57
50	Does psychiatric comorbidity in alcohol-dependent patients affect treatment outcome?. European Archives of Psychiatry and Clinical Neuroscience, 2004, 254, 172-81.	3.2	55
51	Sex Differences in COMT Polymorphism Effects on Prefrontal Inhibitory Control in Adolescence. Neuropsychopharmacology, 2014, 39, 2560-2569.	5.4	53
52	The role of emotional inhibitory control in specific internet addiction â€“ an fMRI study. Behavioural Brain Research, 2017, 324, 1-14.	2.2	53
53	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
54	Structural brain correlates of adolescent resilience. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 1287-1296.	5.2	49

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55	Prediction of alcohol drinking in adolescents: Personality-traits, behavior, brain responses, and genetic variations in the context of reward sensitivity. Biological Psychology, 2016, 118, 79-87.	2.2	49
56	Reward and relief craving tendencies in patients with alcohol use disorders: Results from the PREDICT study. Addictive Behaviors, 2013, 38, 1532-1540.	3.0	46
57	Self-Concept Deficits in Massively Multiplayer Online Role-Playing Games Addiction. European Addiction Research, 2013, 19, 227-234.	2.4	45
58	Advancing Precision Medicine for Alcohol Use Disorder: Replication and Extension of Reward Drinking as a Predictor of Naltrexone Response. Alcoholism: Clinical and Experimental Research, 2019, 43, 2395-2405.	2.4	44
59	World Health Organization risk drinking level reductions are associated with improved functioning and are sustained among patients with mild, moderate and severe alcohol dependence in clinical trials in the United States and United Kingdom. Addiction, 2020, 115, 1668-1680.	3.3	44
60	Reduction in Nonabstinent <scp>WHO</scp> Drinking Risk Levels and Change in Risk for Liver Disease and Positive <scp>AUDIT</scp>â€C Scores: Prospective 3â€Year Followâ€Up Results in the <scp>U.S.</scp> General Population. Alcoholism: Clinical and Experimental Research, 2018, 42, 2256-2265.	2.4	43
61	Reduction in non-abstinent WHO drinking risk levels and depression/anxiety disorders: 3-year follow-up results in the US general population. Drug and Alcohol Dependence, 2019, 197, 228-235.	3.2	42
62	Aversive Learning in Adolescents: Modulation by Amygdalaâ€“Prefrontal and Amygdalaâ€“Hippocampal Connectivity and Neuroticism. Neuropsychopharmacology, 2014, 39, 875-884.	5.4	41
63	Personality and Substance Use: Psychometric Evaluation and Validation of the Substance Use Risk Profile Scale (<scp>SURPS</scp>) in English, Irish, French, and German Adolescents. Alcoholism: Clinical and Experimental Research, 2015, 39, 2234-2248.	2.4	41
64	Maintenance of World Health Organization Risk Drinking Level Reductions and Posttreatment Functioning Following a Large Alcohol Use Disorder Clinical Trial. Alcoholism: Clinical and Experimental Research, 2019, 43, 979-987.	2.4	41
65	Reward and relief dimensions of temptation to drink: construct validity and role in predicting differential benefit from acamprosate and naltrexone. Addiction Biology, 2017, 22, 1528-1539.	2.6	40
66	Frontal cortex gray matter volume alterations in pathological gambling occur independently from substance use disorder. Addiction Biology, 2017, 22, 864-872.	2.6	38
67	Exploring the Neural Basis of Avatar Identification in Pathological Internet Gamers and of Self-Reflection in Pathological Social Network Users. Journal of Behavioral Addictions, 2016, 5, 485-499.	3.7	34
68	Global Scientific Production on Illicit Drug Addiction: A Two-Decade Analysis. European Addiction Research, 2018, 24, 60-70.	2.4	32
69	Insula and striatum activity in effort-related monetary reward processing in gambling disorder: The role of depressive symptomatology. NeuroImage: Clinical, 2014, 6, 243-251.	2.7	31
70	Sex Differences of Carbohydrate-Deficient Transferrin, gamma-Glutamyltransferase, and Mean Corpuscular Volume in Alcohol-Dependent Patients. Alcoholism: Clinical and Experimental Research, 2000, 24, 1400-1405.	2.4	30
71	The effects of single nucleotide polymorphisms in glutamatergic neurotransmission genes on neural response to alcohol cues and craving. Addiction Biology, 2015, 20, 1022-1032.	2.6	30
72	The Startle Reflex in Alcohol-Dependent Patients: Changes after Cognitive-Behavioral Therapy and Predictive Validity for Drinking Behavior. Psychotherapy and Psychosomatics, 2007, 76, 385-390.	8.8	27

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73	Deep grey matter iron accumulation in alcohol use disorder. NeuroImage, 2017, 148, 115-122.	4.2	27
74	â€œWho Am Iâ€•and â€œHow Should I Beâ€• a Systematic Review on Self-Concept and Avatar Identification in Gaming Disorder. Current Addiction Reports, 2020, 7, 166-193.	3.4	26
75	The Alcohol Clinical Trials Initiative (ACTIVE): Purpose and Goals for Assessing Important and Salient Issues for Medications Development in Alcohol Use Disorders. Neuropsychopharmacology, 2012, 37, 402-411.	5.4	25
76	Temporal Stability of Heavy Drinking Days and Drinking Reductions Among Heavy Drinkers in the <scp>COMBINE</scp> Study. Alcoholism: Clinical and Experimental Research, 2017, 41, 1054-1062.	2.4	25
77	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
78	The World Health Organization Risk Drinking Levels Measure of Alcohol Consumption: Prevalence and Health Correlates in Nationally Representative Surveys of U.S. Adults, 2001â€“2002 and 2012â€“2013. American Journal of Psychiatry, 2021, 178, 548-559.	7.2	20
79	Shared genetic etiology between alcohol dependence and major depressive disorder. Psychiatric Genetics, 2018, 28, 66-70.	1.1	19
80	Reduction in non-abstinent World Health Organization (WHO) drinking risk levels and drug use disorders: 3-year follow-up results in the US general population. Drug and Alcohol Dependence, 2019, 201, 16-22.	3.2	19
81	Genetic contributions to alcohol use disorder treatment outcomes: a genome-wide pharmacogenomics study. Neuropsychopharmacology, 2021, 46, 2132-2139.	5.4	19
82	Global Genetic Variations Predict Brain Response to Faces. PLoS Genetics, 2014, 10, e1004523.	3.5	18
83	Predictors of Abstinence from Heavy Drinking During Treatment in <scp>COMBINE</scp> and External Validation in <scp>PREDICT</scp>. Alcoholism: Clinical and Experimental Research, 2014, 38, 2647-2656.	2.4	18
84	Safety and tolerability of as-needed nalmefene in the treatment of alcohol dependence: results from the Phase III clinical programme. Expert Opinion on Drug Safety, 2015, 14, 495-504.	2.4	18
85	Does Acamprosate Really Produce its Anti-Relapse Effects via Calcium? No Support from the PREDICT Study in Human Alcoholics. Neuropsychopharmacology, 2016, 41, 659-660.	5.4	18
86	Reduction in World Health Organization Risk Drinking Levels and Cardiovascular Disease. Alcoholism: Clinical and Experimental Research, 2020, 44, 1625-1635.	2.4	17
87	Can reduced drinking be a viable goal for alcohol dependent patients?. World Psychiatry, 2017, 16, 325-326.	10.4	16
88	Neural correlates of three types of negative life events during angry face processing in adolescents. Social Cognitive and Affective Neuroscience, 2016, 11, 1961-1969.	3.0	15
89	Association between alcohol-cue modulated startle reactions and drinking behaviour in alcohol dependent patients â€” results of the PREDICT study. International Journal of Psychophysiology, 2014, 94, 263-271.	1.0	14
90	Robust regression for large-scale neuroimaging studies. NeuroImage, 2015, 111, 431-441.	4.2	14

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91	The effects of nalmefene on emotion processing in alcohol use disorder â€“ A randomized, controlled fMRI study. European Neuropsychopharmacology, 2019, 29, 1442-1452.	0.7	14
92	Nalmefene attenuates neural alcohol cue-reactivity in the ventral striatum and subjective alcohol craving in patients with alcohol use disorder. Psychopharmacology, 2021, 238, 2179-2189.	3.1	14
93	Reward drinking and naltrexone treatment response among young adult heavy drinkers. Addiction, 2021, 116, 2360-2371.	3.3	13
94	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
95	Stability of Drinking Reductions and Long-term Functioning Among Patients with Alcohol Use Disorder. Journal of General Internal Medicine, 2021, 36, 404-412.	2.6	12
96	Experience of social discrimination correlates with neurometabolism: a pilot study in heroin addicts. European Archives of Psychiatry and Clinical Neuroscience, 2013, 263, 197-203.	3.2	11
97	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
98	FMRI-based prediction of naltrexone response in alcohol use disorder: a replication study. European Archives of Psychiatry and Clinical Neuroscience, 2021, 271, 915-927.	3.2	11
99	Personality, Attentional Biases towards Emotional Faces and Symptoms of Mental Disorders in an Adolescent Sample. PLoS ONE, 2015, 10, e0128271.	2.5	10
100	New Developments in Alcoholism Treatment Research in Europe. Alcoholism: Clinical and Experimental Research, 2005, 29, 1127-1132.	2.4	9
101	Examining a brief measure and observed cutoff scores to identify reward and relief drinking profiles: Psychometric properties and pharmacotherapy response. Drug and Alcohol Dependence, 2022, 232, 109257.	3.2	8
102	The 2015 French guidelines on alcohol misuse, issued in partnership with the European Federation of Addiction Societies: a focus on children and adolescents. European Child and Adolescent Psychiatry, 2016, 25, 1145-1148.	4.7	6
103	Marketing Status and Perceived Efficacy of Drugs for Supporting Abstinence and Reducing Alcohol Intake in Alcohol Use Disorders: A Survey among European Federation of Addiction Societies in Europe. European Addiction Research, 2016, 22, 318-321.	2.4	6
104	Letter to Editor in Response to Johnson's Commentary (2017) on the Witkiewitz and Colleagues (2017) Article. Alcoholism: Clinical and Experimental Research, 2017, 41, 1381-1382.	2.4	5
105	The German Society for Addiction Research and Addiction Treatment. Addiction, 2008, 103, 6-8.	3.3	4
106	Association Between Functional and Structural Brain Connectivity of the Default Mode Network in Non-treatment Seeking Individuals With Alcohol Use Disorder. Alcohol and Alcoholism, 2022, 57, 540-551.	1.6	4
107	Safety of nalmefene for the treatment of alcohol use disorder: an update. Expert Opinion on Drug Safety, 2020, 19, 9-17.	2.4	3
108	Optimized protocol for high resolution functional magnetic resonance imaging at 3T using single-shot echo planar imaging. Journal of Neuroscience Methods, 2015, 239, 170-182.	2.5	2

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109	Response to Letter to Editor (Precision medicine in alcohol dependence: evidence of efficacy and) Tj ETQq1 1 0.784314 rgBT /Overloc	5.4	2
110	The effects of nalmefene on the impulsive and reflective system in alcohol use disorder: A resting-state fMRI study. Psychopharmacology, 2022, 239, 2471-2489.	3.1	2
111	Analysis of Rare Variants in the Alcohol Dependence Candidate Gene GATA 4. Alcoholism: Clinical and Experimental Research, 2016, 40, 1627-1632.	2.4	1
112	Medication Development: Reducing Casualties in the Valley of Death and Providing Support for Survivors. Alcoholism: Clinical and Experimental Research, 2019, 43, 22-25.	2.4	1
113	Addressing the Associated Conditions of Drug and Alcohol Abuse. , 0, , 531-541.		1
114	Reinforcement-Related Subphenotypes as a Basis for Personalized Treatment in Alcoholism. Alcoholism: Clinical and Experimental Research, 2015, 39, 589-589.	2.4	0
115	A Pointâ€byâ€Point Response to Braillon. CNS Neuroscience and Therapeutics, 2016, 22, 537-538.	3.9	0
116	Amygdala grey matter volume increase in gambling disorder with depression symptoms of clinical relevance: a voxel-based morphometry study. International Gambling Studies, 2018, 18, 259-268.	2.1	0
117	Response to Dr. Mark Litt's Commentary. Alcoholism: Clinical and Experimental Research, 2019, 43, 2255-2256.	2.4	0