

Chella Kamarajan

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,412
citations

279798

23
h-index

223800

46
g-index

72
all docs

72
docs citations

72
times ranked

2182
citing authors

#	ARTICLE	IF	CITATIONS
1	The utility of neurophysiological markers in the study of alcoholism. <i>Clinical Neurophysiology</i> , 2005, 116, 993-1018.	1.5	301
2	Alcoholism is a disinhibitory disorder: neurophysiological evidence from a Go/No-Go task. <i>Biological Psychology</i> , 2005, 69, 353-373.	2.2	212
3	The role of brain oscillations as functional correlates of cognitive systems: a study of frontal inhibitory control in alcoholism. <i>International Journal of Psychophysiology</i> , 2004, 51, 155-180.	1.0	142
4	Delta and theta oscillations as risk markers in adolescent offspring of alcoholics. <i>International Journal of Psychophysiology</i> , 2007, 63, 3-15.	1.0	118
5	Event-Related Oscillations in Offspring of Alcoholics: Neurocognitive Disinhibition as a Risk for Alcoholism. <i>Biological Psychiatry</i> , 2006, 59, 625-634.	1.3	107
6	Reduced Frontal Lobe Activity in Subjects With High Impulsivity and Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2007, 31, 156-165.	2.4	106
7	S-transform time-frequency analysis of P300 reveals deficits in individuals diagnosed with alcoholism. <i>Clinical Neurophysiology</i> , 2006, 117, 2128-2143.	1.5	100
8	Neurocognitive deficits in male alcoholics: An ERP/sLORETA analysis of the N2 component in an equal probability Go/NoGo task. <i>Biological Psychology</i> , 2012, 89, 170-182.	2.2	97
9	Dysfunctional reward processing in male alcoholics: An ERP study during a gambling task. <i>Journal of Psychiatric Research</i> , 2010, 44, 576-590.	3.1	76
10	Spatial-anatomical mapping of NoGo-P3 in the offspring of alcoholics: evidence of cognitive and neural disinhibition as a risk for alcoholism. <i>Clinical Neurophysiology</i> , 2005, 116, 1049-1061.	1.5	67
11	Theta oscillations during the processing of monetary loss and gain: A perspective on gender and impulsivity. <i>Brain Research</i> , 2008, 1235, 45-62.	2.2	66
12	Brain signatures of monetary loss and gain: Outcome-related potentials in a single outcome gambling task. <i>Behavioural Brain Research</i> , 2009, 197, 62-76.	2.2	64
13	Delta, theta, and alpha event-related oscillations in alcoholics during Go/NoGo task: Neurocognitive deficits in execution, inhibition, and attention processing. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 65, 158-171.	4.8	58
14	Genome-wide association studies of alcohol dependence, DSM-IV criterion count and individual criteria. <i>Genes, Brain and Behavior</i> , 2019, 18, e12579.	2.2	56
15	Using polygenic scores for identifying individuals at increased risk of substance use disorders in clinical and population samples. <i>Translational Psychiatry</i> , 2020, 10, 196.	4.8	45
16	Topography, power, and current source density of theta oscillations during reward processing as markers for alcohol dependence. <i>Human Brain Mapping</i> , 2012, 33, 1019-1039.	3.6	44
17	The use of current source density as electrophysiological correlates in neuropsychiatric disorders: A review of human studies. <i>International Journal of Psychophysiology</i> , 2015, 97, 310-322.	1.0	40
18	Suppression of early evoked gamma band response in male alcoholics during a visual oddball task. <i>International Journal of Psychophysiology</i> , 2006, 60, 15-26.	1.0	38

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19	Evoked gamma band response in male adolescent subjects at high risk for alcoholism during a visual oddball task. <i>International Journal of Psychophysiology</i> , 2006, 62, 262-271.	1.0	38
20	Predicting risk for Alcohol Use Disorder using longitudinal data with multimodal biomarkers and family history: a machine learning study. <i>Molecular Psychiatry</i> , 2021, 26, 1133-1141.	7.9	36
21	Multi-omics integration analysis identifies novel genes for alcoholism with potential overlap with neurodegenerative diseases. <i>Nature Communications</i> , 2021, 12, 5071.	12.8	34
22	Lower Prefrontal and Hippocampal Volume and Diffusion Tensor Imaging Differences Reflect Structural and Functional Abnormalities in Abstinent Individuals with Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 1883-1896.	2.4	33
23	An endophenotype approach to the genetics of alcohol dependence: a genome wide association study of fast beta EEG in families of African ancestry. <i>Molecular Psychiatry</i> , 2017, 22, 1767-1775.	7.9	27
24	Early Sexual Trauma Exposure and Neural Response Inhibition in Adolescence and Young Adults: Trajectories of Frontal Theta Oscillations During a Go/No-Go Task. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 242-255.e2.	0.5	27
25	Random Forest Classification of Alcohol Use Disorder Using fMRI Functional Connectivity, Neuropsychological Functioning, and Impulsivity Measures. <i>Brain Sciences</i> , 2020, 10, 115.	2.3	27
26	Advances in Electrophysiological Research. , 2015, 37, 53-87.		25
27	Deficient Event-Related Theta Oscillations in Individuals at Risk for Alcoholism: A Study of Reward Processing and Impulsivity Features. <i>PLoS ONE</i> , 2015, 10, e0142659.	2.5	24
28	Reward processing deficits and impulsivity in high-risk offspring of alcoholics: A study of event-related potentials during a monetary gambling task. <i>International Journal of Psychophysiology</i> , 2015, 98, 182-200.	1.0	23
29	A genome-wide association study of interhemispheric theta EEG coherence: implications for neural connectivity and alcohol use behavior. <i>Molecular Psychiatry</i> , 2021, 26, 5040-5052.	7.9	22
30	Predicting alcohol use disorder remission: a longitudinal multimodal multi-featured machine learning approach. <i>Translational Psychiatry</i> , 2021, 11, 166.	4.8	22
31	Event-Related Oscillations in Alcoholism Research: A Review. <i>Journal of Addiction Research & Therapy</i> , 2012, s7, .	0.2	20
32	Random Forest Classification of Alcohol Use Disorder Using EEG Source Functional Connectivity, Neuropsychological Functioning, and Impulsivity Measures. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2020, 10, 62.	2.1	19
33	Density and Dichotomous Family History Measures of Alcohol Use Disorder as Predictors of Behavioral and Neural Phenotypes: A Comparative Study Across Gender and Race/Ethnicity. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 697-710.	2.4	19
34	Priming Deficiency in Male Subjects at Risk for Alcoholism: The N4 During a Lexical Decision Task. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 2027-2036.	2.4	18
35	Gender modulates the development of theta event related oscillations in adolescents and young adults. <i>Behavioural Brain Research</i> , 2015, 292, 342-352.	2.2	18
36	Evaluating risk for alcohol use disorder: Polygenic risk scores and family history. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 374-383.	2.4	16

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37	A KCNJ6 gene polymorphism modulates theta oscillations during reward processing. <i>International Journal of Psychophysiology</i> , 2017, 115, 13-23.	1.0	15
38	Genetic correlates of the development of theta event related oscillations in adolescents and young adults. <i>International Journal of Psychophysiology</i> , 2017, 115, 24-39.	1.0	15
39	Genome-wide association study identifies loci associated with liability to alcohol and drug dependence that is associated with variability in reward-related ventral striatum activity in African and European Americans. <i>Genes, Brain and Behavior</i> , 2019, 18, e12580.	2.2	15
40	Reduced Resource Optimization in Male Alcoholics: N400 in a Lexical Decision Paradigm. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 1905-1914.	2.4	14
41	Association of Polygenic Liability for Alcohol Dependence and EEG Connectivity in Adolescence and Young Adulthood. <i>Brain Sciences</i> , 2019, 9, 280.	2.3	13
42	Mapping Pathways by Which Genetic Risk Influences Adolescent Externalizing Behavior: The Interplay Between Externalizing Polygenic Risk Scores, Parental Knowledge, and Peer Substance Use. <i>Behavior Genetics</i> , 2021, 51, 543-558.	2.1	13
43	The association of polygenic risk for schizophrenia, bipolar disorder, and depression with neural connectivity in adolescents and young adults: examining developmental and sex differences. <i>Translational Psychiatry</i> , 2021, 11, 54.	4.8	12
44	Pathways to post-traumatic stress disorder and alcohol dependence: Trauma, executive functioning, and family history of alcoholism in adolescents and young adults. <i>Brain and Behavior</i> , 2020, 10, e01789.	2.2	11
45	Genome-wide admixture mapping of DSM alcohol dependence, criterion count, and the self-rating of the effects of ethanol in African American populations. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021, 186, 151-161.	1.7	11
46	Psychiatric Residents' Attitudes Toward and Experiences With the Clinical-Skills Verification Process: A Pilot Study on U.S. and International Medical Graduates. <i>Academic Psychiatry</i> , 2012, 36, 316.	0.9	10
47	Characterization of Service Use for Alcohol Problems Across Generations and Sex in Adults With Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 746-757.	2.4	10
48	Gene-based polygenic risk scores analysis of alcohol use disorder in African Americans. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	10
49	A genome wide association study of fast beta EEG in families of European ancestry. <i>International Journal of Psychophysiology</i> , 2017, 115, 74-85.	1.0	9
50	Variation in SWI/SNF Chromatin Remodeling Complex Proteins is Associated with Alcohol Dependence and Antisocial Behavior in Human Populations. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 2033-2040.	2.4	9
51	Associations between Suicidal Thoughts and Behaviors and Genetic Liability for Cognitive Performance, Depression, and Risk-Taking in a High-Risk Sample. <i>Complex Psychiatry</i> , 2021, 7, 34-44.	0.9	7
52	The associations between polygenic risk, sensation seeking, social support, and alcohol use in adulthood. <i>Journal of Abnormal Psychology</i> , 2021, 130, 525-536.	1.9	7
53	High Polygenic Risk Scores Are Associated With Early Age of Onset of Alcohol Use Disorder in Adolescents and Young Adults at Risk. <i>Biological Psychiatry Global Open Science</i> , 2022, 2, 379-388.	2.2	7
54	Differentiating Individuals with and without Alcohol Use Disorder Using Resting-State fMRI Functional Connectivity of Reward Network, Neuropsychological Performance, and Impulsivity Measures. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2022, 12, 128.	2.1	7

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55	Alcohol use disorder, psychiatric comorbidities, marriage and divorce in a high-risk sample.. Psychology of Addictive Behaviors, 2022, 36, 364-374.	2.1	7
56	Lack of insight and conceptions of "mental illness" in schizophrenia, assessed in the third person through case vignettes. Psychosis, 2011, 3, 115-125.	0.8	6
57	Brain Electrophysiological Signatures in Human Alcoholism and Risk. , 2019, , 119-130.		3
58	Deriving a Measure of Social Recovery Capital From the Important People and Activities Instrument: Construction and Psychometric Properties. Alcohol and Alcoholism, 2022, 57, 322-329.	1.6	3
59	Alcohol-Related, Drug-Related, and Non-Substance-Related Aggression: 3 Facets of a Single Construct or 3 Distinct Constructs?. Alcoholism: Clinical and Experimental Research, 2020, 44, 1852-1861.	2.4	2
60	A latent class analysis of alcohol and posttraumatic stress symptoms among offspring of parents with and without alcohol use disorder. Addictive Behaviors, 2021, 112, 106640.	3.0	2
61	Principal Component Analysis Reduces Collider Bias in Polygenic Score Effect Size Estimation. Behavior Genetics, 2022, 52, 268-280.	2.1	2
62	Neural Reward Processing in Human Alcoholism and Risk: A Focus on Event-Related Potentials, Oscillations, and Neuroimaging. , 2019, , 259-267.		1
63	Statistical Nonparametric fMRI Maps in the Analysis of Response Inhibition in Abstinent Individuals with History of Alcohol Use Disorder. Behavioral Sciences (Basel, Switzerland), 2022, 12, 121.	2.1	1
64	SA134POLYGENIC INFLUENCES ON ALCOHOL RELATED NEUROPHYSIOLOGICAL AND NEUROCOGNITIVE PROCESSES ACROSS THE LIFESPAN. European Neuropsychopharmacology, 2019, 29, S1262-S1263.	0.7	0