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List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

4,811
citations

136885

32
h-index

98753

67
g-index

83
all docs

83
docs citations

83
times ranked

10038
citing authors

#	ARTICLE	IF	CITATIONS
1	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	1.1	696
2	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	9.4	594
3	Adolescent impulsivity phenotypes characterized by distinct brain networks. <i>Nature Neuroscience</i> , 2012, 15, 920-925.	7.1	368
4	Genome-wide Association Study of Alcohol Dependence. <i>Archives of General Psychiatry</i> , 2009, 66, 773.	13.8	354
5	Genome-wide association and genetic functional studies identify <i>AUTS2</i> gene in the regulation of alcohol consumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7119-7124.	3.3	258
6	Clusterin regulates β -amyloid toxicity via Dickkopf-1-driven induction of the wnt/PCP/JNK pathway. <i>Molecular Psychiatry</i> , 2014, 19, 88-98.	4.1	197
7	Genetically selected Marchigian Sardinian alcohol-preferring (msP) rats: an animal model to study the neurobiology of alcoholism. <i>Addiction Biology</i> , 2006, 11, 339-355.	1.4	157
8	Mitochondrial Dysfunction and Immune Activation are Detectable in Early Alzheimer's Disease Blood. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 685-710.	1.2	141
9	Systematic Analysis of Glutamatergic Neurotransmission Genes in Alcohol Dependence and Adolescent Risky Drinking Behavior. <i>Archives of General Psychiatry</i> , 2008, 65, 826.	13.8	116
10	Effects of the Circadian Rhythm Gene Period 1 (<i>Per1</i>) on Psychosocial Stress-Induced Alcohol Drinking. <i>American Journal of Psychiatry</i> , 2011, 168, 1090-1098.	4.0	113
11	Identification of <i>cis</i> -regulatory variation influencing protein abundance levels in human plasma. <i>Human Molecular Genetics</i> , 2012, 21, 3719-3726.	1.4	94
12	A Blood Gene Expression Marker of Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2013, 33, 737-753.	1.2	91
13	<i>RASGRF2</i> regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21128-21133.	3.3	90
14	Plasma Transthyretin as a Candidate Marker for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 28, 369-375.	1.2	86
15	TP53 abnormalities correlate with immune infiltration and associate with response to flotetuzumab immunotherapy in AML. <i>Blood Advances</i> , 2020, 4, 5011-5024.	2.5	85
16	Association of Protein Phosphatase <i>PPM1G</i> With Alcohol Use Disorder and Brain Activity During Behavioral Control in a Genome-Wide Methylation Analysis. <i>American Journal of Psychiatry</i> , 2015, 172, 543-552.	4.0	68
17	Paradoxical antidepressant effects of alcohol are related to acid sphingomyelinase and its control of sphingolipid homeostasis. <i>Acta Neuropathologica</i> , 2017, 133, 463-483.	3.9	68
18	$\hat{\pm}$ CaMKII Autophosphorylation Controls the Establishment of Alcohol Drinking Behavior. <i>Neuropsychopharmacology</i> , 2013, 38, 1636-1647.	2.8	63

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19	Single nucleotide polymorphism in the neuroplastin locus associates with cortical thickness and intellectual ability in adolescents. <i>Molecular Psychiatry</i> , 2015, 20, 263-274.	4.1	57
20	Common Genetic Variants and Gene-Expression Changes Associated with Bipolar Disorder Are Over-Represented in Brain Signaling Pathway Genes. <i>Biological Psychiatry</i> , 2012, 72, 311-317.	0.7	56
21	Variation of the genetic expression pattern after exposure to estradiol-17 β and 4-nonylphenol in male zebrafish (<i>Danio rerio</i>). <i>General and Comparative Endocrinology</i> , 2008, 158, 138-144.	0.8	55
22	Integrative mouse and human mRNA studies using WGCNA nominates novel candidate genes involved in the pathogenesis of major depressive disorder. <i>Pharmacogenomics</i> , 2013, 14, 1979-1990.	0.6	55
23	Oxytocin Receptor Genotype Modulates Ventral Striatal Activity to Social Cues and Response to Stressful Life Events. <i>Biological Psychiatry</i> , 2014, 76, 367-376.	0.7	53
24	The endogenous and reactive depression subtypes revisited: integrative animal and human studies implicate multiple distinct molecular mechanisms underlying major depressive disorder. <i>BMC Medicine</i> , 2014, 12, 73.	2.3	52
25	Genome-Wide Scan for Loci of Adolescent Obesity and Their Relationship with Blood Pressure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E145-E150.	1.8	50
26	FTO, obesity and the adolescent brain. <i>Human Molecular Genetics</i> , 2013, 22, 1050-1058.	1.4	46
27	Role of cannabinoidergic mechanisms in ethanol self-administration and ethanol seeking in rat adult offspring following perinatal exposure to δ^9 -tetrahydrocannabinol. <i>Toxicology and Applied Pharmacology</i> , 2007, 223, 73-85.	1.3	41
28	EFhd2/Swiprosin-1 is a common genetic determinant for sensation-seeking/low anxiety and alcohol addiction. <i>Molecular Psychiatry</i> , 2018, 23, 1303-1319.	4.1	40
29	KCNJ6 is Associated with Adult Alcohol Dependence and Involved in Gene \times Early Life Stress Interactions in Adolescent Alcohol Drinking. <i>Neuropsychopharmacology</i> , 2011, 36, 1142-1148.	2.8	38
30	White-matter microstructure and gray-matter volumes in adolescents with subthreshold bipolar symptoms. <i>Molecular Psychiatry</i> , 2014, 19, 462-470.	4.1	37
31	KCTD8 Gene and Brain Growth in Adverse Intrauterine Environment: A Genome-wide Association Study. <i>Cerebral Cortex</i> , 2012, 22, 2634-2642.	1.6	35
32	$\hat{1}\pm$ CaMKII controls the establishment of cocaine's reinforcing effects in mice and humans. <i>Translational Psychiatry</i> , 2014, 4, e457-e457.	2.4	33
33	CaM Kinases: From Memories to Addiction. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 153-166.	4.0	32
34	The risk variant in <i>ODZ4</i> for bipolar disorder impacts on amygdala activation during reward processing. <i>Bipolar Disorders</i> , 2013, 15, 440-445.	1.1	31
35	DRD2/ANKK1 Polymorphism Modulates the Effect of Ventral Striatal Activation on Working Memory Performance. <i>Neuropsychopharmacology</i> , 2014, 39, 2357-2365.	2.8	31
36	Glucocorticoid receptor (NR3C1) gene polymorphisms and onset of alcohol abuse in adolescents. <i>Addiction Biology</i> , 2011, 16, 510-513.	1.4	30

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37	Investigating Glioblastoma Response to Hypoxia. <i>Biomedicines</i> , 2020, 8, 310.	1.4	30
38	BDNF Val66Met and reward-related brain function in adolescents: role for early alcohol consumption. <i>Alcohol</i> , 2015, 49, 103-10.	0.8	28
39	Antidepressant-dependent mRNA changes in mouse associated with hippocampal neurogenesis in a mouse model of depression. <i>Pharmacogenetics and Genomics</i> , 2012, 22, 765-776.	0.7	28
40	Sex-Specific Role for Adenylyl Cyclase Type 7 in Alcohol Dependence. <i>Biological Psychiatry</i> , 2011, 69, 1100-1108.	0.7	23
41	Genetic Risk For Nicotine Dependence in the Cholinergic System and Activation of the Brain Reward System in Healthy Adolescents. <i>Neuropsychopharmacology</i> , 2013, 38, 2081-2089.	2.8	22
42	From gene to brain to behavior: schizophrenia-associated variation in <i>AMBRA1</i> alters impulsivity-related traits. <i>European Journal of Neuroscience</i> , 2013, 38, 2941-2945.	1.2	21
43	Metabolism-based isolation of invasive glioblastoma cells with specific gene signatures and tumorigenic potential. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa087.	0.4	20
44	Neutral sphingomyelinase mediates the co-morbidity trias of alcohol abuse, major depression and bone defects. <i>Molecular Psychiatry</i> , 2021, 26, 7403-7416.	4.1	20
45	CAMK2A polymorphisms predict working memory performance in humans. <i>Molecular Psychiatry</i> , 2013, 18, 850-852.	4.1	19
46	FLYWCH1, a Novel Suppressor of Nuclear β -Catenin, Regulates Migration and Morphology in Colorectal Cancer. <i>Molecular Cancer Research</i> , 2018, 16, 1977-1990.	1.5	19
47	Modifying the m6A brain methylome by ALKBH5-mediated demethylation: a new contender for synaptic tagging. <i>Molecular Psychiatry</i> , 2021, 26, 7141-7153.	4.1	19
48	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. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 192-202.	1.4	16
49	Increased mRNA Levels of <i>TCF7L2</i> and <i>MYC</i> of the Wnt Pathway in Tg-ArcSwe Mice and Alzheimer's Disease Brain. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-7.	1.1	15
50	Sequential Orbitrap Secondary Ion Mass Spectrometry and Liquid Extraction Surface Analysis-Tandem Mass Spectrometry-Based Metabolomics for Prediction of Brain Tumor Relapse from Sample-Limited Primary Tissue Archives. <i>Analytical Chemistry</i> , 2021, 93, 6947-6954.	3.2	13
51	<i>Rasgrf2</i> controls noradrenergic involvement in the acute and subchronic effects of alcohol in the brain. <i>Psychopharmacology</i> , 2014, 231, 4199-4209.	1.5	11
52	Expression alterations define unique molecular characteristics of spinal ependymomas. <i>Oncotarget</i> , 2015, 6, 19780-19791.	0.8	11
53	<i>Rasgrf2</i> controls dopaminergic adaptations to alcohol in mice. <i>Brain Research Bulletin</i> , 2014, 109, 143-150.	1.4	10
54	Adult alcohol drinking and emotional tone are mediated by neutral sphingomyelinase during development in males. <i>Cerebral Cortex</i> , 2023, 33, 844-864.	1.6	9

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55	Dissecting DNA repair in adult high grade gliomas for patient stratification in the post-genomic era. <i>Oncotarget</i> , 2014, 5, 5764-5781.	0.8	8
56	Meta-analysis of Apparent Diffusion Coefficient in Pediatric Medulloblastoma, Ependymoma, and Pilocytic Astrocytoma. <i>Journal of Magnetic Resonance Imaging</i> , 2021, , .	1.9	8
57	Intratumour heterogeneity in microRNAs expression regulates glioblastoma metabolism. <i>Scientific Reports</i> , 2021, 11, 15908.	1.6	7
58	microRNA network analysis identifies miR-29 cluster as key regulator of LAMA2 in ependymoma. <i>Acta Neuropathologica Communications</i> , 2015, 3, 26.	2.4	6
59	A Genetic Analysis of Tumor Progression in Drosophila Identifies the Cohesin Complex as a Suppressor of Individual and Collective Cell Invasion. <i>IScience</i> , 2020, 23, 101237.	1.9	6
60	3D hydrogels reveal medulloblastoma subgroup differences and identify extracellular matrix subtypes that predict patient outcome. <i>Journal of Pathology</i> , 2021, 253, 326-338.	2.1	6
61	Integrative molecular characterization of pediatric spinal ependymoma: the UK Children's Cancer and Leukaemia Group study. <i>Neuro-Oncology Advances</i> , 2021, 3, v1ab043.	0.4	6
62	Transcriptomic analysis in pediatric spinal ependymoma reveals distinct molecular signatures. <i>Oncotarget</i> , 2017, 8, 115570-115581.	0.8	6
63	Association of a CAMK2A genetic variant with logical memory performance and hippocampal volume in the elderly. <i>Brain Research Bulletin</i> , 2020, 161, 13-20.	1.4	3
64	ABCB1 inhibition provides a novel therapeutic target to block TWIST1-induced migration in medulloblastoma. <i>Neuro-Oncology Advances</i> , 2021, 3, v1ab030.	0.4	2
65	MB-84 IDENTIFICATION OF MEDULLOBLASTOMA MOLECULAR SUBGROUPS USING METABOLITE PROFILES. <i>Neuro-Oncology</i> , 2016, 18, iii116.2-iii116.	0.6	1
66	CG7379 and ING1 suppress cancer cell invasion by maintaining cell-cell junction integrity. <i>Open Biology</i> , 2021, 11, 210077.	1.5	1
67	The Molecular Landscape of Medulloblastoma in Teenagers and Young Adults. <i>Cancers</i> , 2022, 14, 251.	1.7	1
68	226 NETWORK ANALYSIS OF PAIN-ASSOCIATED GENES. <i>European Journal of Pain</i> , 2009, 13, S73a.	1.4	0
69	METB-10 DELINEATING INTRA-TUMOUR METABOLOMIC AND PHOSPHO-PROTEOMIC HETEROGENEITY IN PATIENT GLIOBLASTOMAS THROUGH ADVANCED ANALYTICAL METHODS. <i>Neuro-Oncology</i> , 2015, 17, v137.2-v137.	0.6	0
70	OP26 DELINEATING INTRA-TUMOUR METABOLOMIC AND PHOSPHO-PROTEOMIC HETEROGENEITY IN PATIENT GLIOBLASTOMAS THROUGH ADVANCED ANALYTICAL METHODS. <i>Neuro-Oncology</i> , 2015, 17, viii21.1-viii21.	0.6	0
71	PO32 GENE CO-EXPRESSION NETWORK ANALYSIS REVEALS UNIQUE MOLECULAR CHARACTERISTICS GOVERNING THE MARGINS OF GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2015, 17, viii6.2-viii6.	0.6	0
72	OP63 METASTATIC MEDULLOBLASTOMA - ARE DRUG RESISTANT CANCER STEM CELLS TWISTING AWAY?. <i>Neuro-Oncology</i> , 2015, 17, viii11.5-viii12.	0.6	0

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73	PO70COMPARISON OF THE TRANSCRIPTIONAL LANDSCAPES OF POSTERIOR FOSSA EPENDYMOMA ACROSS AGE GROUPS. Neuro-Oncology, 2015, 17, viii13.1-viii13.	0.6	0
74	EPN-36GENOMIC LANDSCAPE OF PEDIATRIC SPINAL EPENDYMOMA. Neuro-Oncology, 2016, 18, iii38.3-iii38.	0.6	0
75	MB-93A NOVEL 3D MODEL OF MEDULLOBLASTOMA METASTASIS CONFIRMS A TWIST1 DRIVEN EMT-LIKE PROCESS. Neuro-Oncology, 2016, 18, iii118.2-iii118.	0.6	0
76	Microarrays in Neuroscience. Drug Discovery Series, 2009, , 271-288.	0.1	0
77	Introduction to Large-Scale Gene Expression Data Analysis. Drug Discovery Series, 2009, , 11-24.	0.1	0