

Smit Dja

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,728
citations

236925

25
h-index

206112

48
g-index

64
all docs

64
docs citations

64
times ranked

5668
citing authors

#	ARTICLE	IF	CITATIONS
1	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	4.8	365
2	Heritability of "small-world" networks in the brain: A graph theoretical analysis of resting-state EEG functional connectivity. <i>Human Brain Mapping</i> , 2008, 29, 1368-1378.	3.6	247
3	Network analysis of resting state EEG in the developing young brain: Structure comes with maturation. <i>Human Brain Mapping</i> , 2011, 32, 413-425.	3.6	204
4	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	4.2	173
5	Growing Trees in Child Brains: Graph Theoretical Analysis of Electroencephalography-Derived Minimum Spanning Tree in 5- and 7-Year-Old Children Reflects Brain Maturation. <i>Brain Connectivity</i> , 2013, 3, 50-60.	1.7	165
6	Sleep deprivation leads to a loss of functional connectivity in frontal brain regions. <i>BMC Neuroscience</i> , 2014, 15, 88.	1.9	126
7	Genetic Contributions to Long-Range Temporal Correlations in Ongoing Oscillations. <i>Journal of Neuroscience</i> , 2007, 27, 13882-13889.	3.6	119
8	The Brain Matures with Stronger Functional Connectivity and Decreased Randomness of Its Network. <i>PLoS ONE</i> , 2012, 7, e36896.	2.5	114
9	Scale-Free Modulation of Resting-State Neuronal Oscillations Reflects Prolonged Brain Maturation in Humans. <i>Journal of Neuroscience</i> , 2011, 31, 13128-13136.	3.6	80
10	Sex Differences in Genetic Architecture of Complex Phenotypes?. <i>PLoS ONE</i> , 2012, 7, e47371.	2.5	72
11	Long-Range Temporal Correlations in Resting-State Alpha Oscillations Predict Human Timing-Error Dynamics. <i>Journal of Neuroscience</i> , 2013, 33, 11212-11220.	3.6	70
12	Heritability of Head Size in Dutch and Australian Twin Families at Ages 0-50 Years. <i>Twin Research and Human Genetics</i> , 2010, 13, 370-380.	0.6	69
13	Individual Differences in EEG Spectral Power Reflect Genetic Variance in Gray and White Matter Volumes. <i>Twin Research and Human Genetics</i> , 2012, 15, 384-392.	0.6	68
14	EEG Resting State Functional Connectivity in Adult Dyslexics Using Phase Lag Index and Graph Analysis. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 341.	2.0	52
15	Genetic components of functional connectivity in the brain: The heritability of synchronization likelihood. <i>Human Brain Mapping</i> , 2005, 26, 191-198.	3.6	51
16	Genome-wide association analysis links multiple psychiatric liability genes to oscillatory brain activity. <i>Human Brain Mapping</i> , 2018, 39, 4183-4195.	3.6	50
17	Life-Span Development of Brain Network Integration Assessed with Phase Lag Index Connectivity and Minimum Spanning Tree Graphs. <i>Brain Connectivity</i> , 2016, 6, 312-325.	1.7	46
18	Potential influence of socioeconomic status on genetic correlations between alcohol consumption measures and mental health. <i>Psychological Medicine</i> , 2020, 50, 484-498.	4.5	44

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19	Genetic correlates of socio-economic status influence the pattern of shared heritability across mental health traits. <i>Nature Human Behaviour</i> , 2021, 5, 1065-1073.	12.0	41
20	Heritability of brain volume change and its relation to intelligence. <i>NeuroImage</i> , 2014, 100, 676-683.	4.2	38
21	Causal relationships between substance use and insomnia. <i>Drug and Alcohol Dependence</i> , 2020, 214, 108151.	3.2	37
22	Genomic relationships across psychiatric disorders including substance use disorders. <i>Drug and Alcohol Dependence</i> , 2021, 220, 108535.	3.2	36
23	Association Between Autozygosity and Major Depression: Stratification Due to Religious Assortment. <i>Behavior Genetics</i> , 2013, 43, 455-467.	2.1	34
24	Epigenome-Wide Association Study of Tic Disorders. <i>Twin Research and Human Genetics</i> , 2015, 18, 699-709.	0.6	31
25	Genetic meta-analysis of obsessive-compulsive disorder and self-report compulsive symptoms. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2020, 183, 208-216.	1.7	30
26	EEG-based age-prediction models as stable and heritable indicators of brain maturational level in children and adolescents. <i>Human Brain Mapping</i> , 2019, 40, 1919-1926.	3.6	27
27	Heritability of Resting State EEG Functional Connectivity Patterns. <i>Twin Research and Human Genetics</i> , 2013, 16, 962-969.	0.6	24
28	Estimation of Subject-Specific Heritabilities From Intra-Individual Variation: iFACE. <i>Twin Research and Human Genetics</i> , 2012, 15, 393-400.	0.6	20
29	Neural Basis of Response Bias on the Stop Signal Task in Misophonia. <i>Frontiers in Psychiatry</i> , 2019, 10, 765.	2.6	20
30	Genetic Contribution to the P3 in Young and Middle-Aged Adults. <i>Twin Research and Human Genetics</i> , 2007, 10, 335-347.	0.6	19
31	Post-GWAS analysis of six substance use traits improves the identification and functional interpretation of genetic risk loci. <i>Drug and Alcohol Dependence</i> , 2020, 206, 107703.	3.2	19
32	The Dutch Sensory Perception Quotient-Short in adults with and without autism. <i>Autism</i> , 2020, 24, 2071-2080.	4.1	19
33	Large-scale collaboration in ENIGMA-EEG: A perspective on the meta-analytic approach to link neurological and psychiatric liability genes to electrophysiological brain activity. <i>Brain and Behavior</i> , 2021, 11, e02188.	2.2	18
34	Structural and functional brain abnormalities in misophonia. <i>European Neuropsychopharmacology</i> , 2021, 52, 62-71.	0.7	16
35	Scaling behaviour in music and cortical dynamics interplay to mediate music listening pleasure. <i>Scientific Reports</i> , 2019, 9, 17700.	3.3	14
36	Aberrant brain response after auditory deviance in PTSD compared to trauma controls: An EEG study. <i>Scientific Reports</i> , 2017, 7, 16596.	3.3	13

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37	The relationship between cognitive functioning and psychopathology in patients with psychiatric disorders: a transdiagnostic network analysis. <i>Psychological Medicine</i> , 2021, , 1-10.	4.5	13
38	Genetic and Environmental Contributions to Stability in Adult Obsessive Compulsive Behavior. <i>Twin Research and Human Genetics</i> , 2015, 18, 52-60.	0.6	12
39	Resting-state brain oscillations predict cognitive function in psychiatric disorders: A transdiagnostic machine learning approach. <i>NeuroImage: Clinical</i> , 2021, 30, 102617.	2.7	12
40	White matter abnormalities in misophonia. <i>NeuroImage: Clinical</i> , 2021, 32, 102787.	2.7	10
41	EEG measures for clinical research in major vascular cognitive impairment: recommendations by an expert panel. <i>Neurobiology of Aging</i> , 2021, 103, 78-97.	3.1	9
42	Phenotypic and genetic correlations between evoked EEG/ERP measures during the response anticipation period of a delayed response task. <i>Psychophysiology</i> , 2009, 46, 344-356.	2.4	8
43	Adults with autism spectrum disorder show atypical patterns of thoughts and feelings during rest. <i>Autism</i> , 2021, 25, 136236132199092.	4.1	8
44	Neuroimaging and Genetics: Exploring, Searching, and Finding. <i>Twin Research and Human Genetics</i> , 2012, 15, 267-272.	0.6	7
45	Development and genetics of brain temporal stability related to attention problems in adolescent twins. <i>International Journal of Psychophysiology</i> , 2017, 115, 86-97.	1.0	7
46	Protocol Across study: longitudinal transdiagnostic cognitive functioning, psychiatric symptoms, and biological parameters in patients with a psychiatric disorder. <i>BMC Psychiatry</i> , 2020, 20, 212.	2.6	7
47	Genetic underpinnings of schizophrenia-related electroencephalographical intermediate phenotypes: A systematic review and meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 104, 110001.	4.8	7
48	Graph Analysis of EEG Functional Connectivity Networks During a Letter-Speech Sound Binding Task in Adult Dyslexics. <i>Frontiers in Psychology</i> , 2021, 12, 767839.	2.1	7
49	The dynamics of resting-state alpha oscillations predict individual differences in creativity. <i>Neuropsychologia</i> , 2020, 142, 107456.	1.6	6
50	Shared genetic basis between genetic generalized epilepsy and background electroencephalographic oscillations. <i>Epilepsia</i> , 2021, 62, 1518-1527.	5.1	5
51	Exploring the Role of the Nucleus Accumbens in Adaptive Behavior Using Concurrent Intracranial and Extracranial Electrophysiological Recordings in Humans. <i>ENeuro</i> , 2020, 7, ENEURO.0105-20.2020.	1.9	5
52	Genetic Liability to Schizophrenia Measured by P300 in Concordant and Discordant Monozygotic Twins. <i>Psychopathology</i> , 2011, 44, 398-406.	1.5	3
53	Genetic effects on source level evoked and induced oscillatory brain responses in a visual oddball task. <i>Biological Psychology</i> , 2016, 114, 69-80.	2.2	3