

Maarten Mennes

List of Publications by Year in descending order

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89
papers

15,078
citations

57681

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51423

90
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times ranked

19807
citing authors

#	ARTICLE	IF	CITATIONS
1	Atypical Brain Asymmetry in Autism – A Candidate for Clinically Meaningful Stratification. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 802-812.	1.1	36
2	Temporal Profiles of Social Attention Are Different Across Development in Autistic and Neurotypical People. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 813-824.	1.1	21
3	Towards robust and replicable sex differences in the intrinsic brain function of autism. <i>Molecular Autism</i> , 2021, 12, 19.	2.6	40
4	Task-generic and task-specific connectivity modulations in the ADHD brain: an integrated analysis across multiple tasks. <i>Translational Psychiatry</i> , 2021, 11, 159.	2.4	5
5	Single-Dose Effects of Citalopram on Neural Responses to Affective Stimuli in Borderline Personality Disorder: A Randomized Clinical Trial. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 837-845.	1.1	1
6	Antenatal maternal anxiety modulates the BOLD response in 20-year-old men during endogenous cognitive control. <i>Brain Imaging and Behavior</i> , 2020, 14, 830-846.	1.1	8
7	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020, 177, 834-843.	4.0	120
8	Structural and functional MRI of altered brain development in a novel adolescent rat model of quinpirole-induced compulsive checking behavior. <i>European Neuropsychopharmacology</i> , 2020, 33, 58-70.	0.3	7
9	Hierarchical Bayesian Regression for Multi-site Normative Modeling of Neuroimaging Data. <i>Lecture Notes in Computer Science</i> , 2020, , 699-709.	1.0	28
10	Linked anatomical and functional brain alterations in children with attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2019, 23, 101851.	1.4	27
11	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , 2019, 176, 531-542.	4.0	261
12	Evaluating the evidence for biotypes of depression: Methodological replication and extension of. <i>NeuroImage: Clinical</i> , 2019, 22, 101796.	1.4	232
13	An Integrated Analysis of Neural Network Correlates of Categorical and Dimensional Models of Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 472-483.	1.1	16
14	Comment on 'Prenatal maternal anxiety and children's brain structure and function: A systematic review of neuroimaging studies' (Adamson et al., <i>J Affect Disord</i> 2018, 241, 117–126). <i>Journal of Affective Disorders</i> , 2019, 245, 1187-1188.	2.0	0
15	Safety, Tolerability, and Feasibility of Young Plasma Infusion in the Plasma for Alzheimer Symptom Amelioration Study. <i>JAMA Neurology</i> , 2019, 76, 35.	4.5	77
16	Altered Connectivity Between Cerebellum, Visual, and Sensory-Motor Networks in Autism Spectrum Disorder: Results from the EU-AIMS Longitudinal European Autism Project. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 260-270.	1.1	82
17	Disentangling common from specific processing across tasks using task potency. <i>NeuroImage</i> , 2019, 184, 632-645.	2.1	13
18	Revisiting subcortical brain volume correlates of autism in the ABIDE dataset: effects of age and sex. <i>Psychological Medicine</i> , 2018, 48, 654-668.	2.7	37

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19	Functional parcellation using time courses of instantaneous connectivity. <i>NeuroImage</i> , 2018, 170, 31-40.	2.1	50
20	Assessing age-dependent multi-task functional co-activation changes using measures of task-potency. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 5-16.	1.9	7
21	Prenatal stress and the developing brain: Risks for neurodevelopmental disorders. <i>Development and Psychopathology</i> , 2018, 30, 743-762.	1.4	110
22	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , 2017, 4, 310-319.	3.7	565
23	Network-level assessment of reward-related activation in patients with ADHD and healthy individuals. <i>Human Brain Mapping</i> , 2017, 38, 2359-2369.	1.9	30
24	Neural responses to social exclusion in adolescents: Effects of peer status. <i>Cortex</i> , 2017, 92, 32-43.	1.1	20
25	Effect of tobacco smoking on frontal cortical thickness development: A longitudinal study in a mixed cohort of ADHD-affected and -unaffected youth. <i>European Neuropsychopharmacology</i> , 2017, 27, 1022-1031.	0.3	20
26	Verbal working memory-related functional connectivity alterations in boys with attention-deficit/hyperactivity disorder and the effects of methylphenidate. <i>Journal of Psychopharmacology</i> , 2017, 31, 1061-1069.	2.0	11
27	The interaction between 5-HTTLPR and stress exposure influences connectivity of the executive control and default mode brain networks. <i>Brain Imaging and Behavior</i> , 2017, 11, 1486-1496.	1.1	10
28	Voxel-based morphometry analysis reveals frontal brain differences in participants with ADHD and their unaffected siblings. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 272-279.	1.4	54
29	Aberrant local striatal functional connectivity in attention-deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 697-705.	3.1	22
30	Integrated analysis of gray and white matter alterations in attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2016, 11, 357-367.	1.4	43
31	Attention-Deficit/Hyperactivity Disorder Symptoms Coincide With Altered Striatal Connectivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 353-363.	1.1	47
32	Beyond Lumping and Splitting: A Review of Computational Approaches for Stratifying Psychiatric Disorders. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 433-447.	1.1	148
33	Commentary: Leveraging discovery science to advance child and adolescent psychiatric research – a commentary on Zhao and Castellanos 2016. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 440-442.	3.1	3
34	Functional connectivity in cortico-subcortical brain networks underlying reward processing in attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2016, 12, 796-805.	1.4	27
35	The link between callous-unemotional traits and neural mechanisms of reward processing: An fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2016, 255, 75-80.	0.9	33
36	Ventral striatal hyperconnectivity during rewarded interference control in adolescents with ADHD. <i>Cortex</i> , 2016, 82, 225-236.	1.1	37

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37	Altered functional connectivity of the amygdaloid input nuclei in adolescents and young adults with autism spectrum disorder: a resting state fMRI study. <i>Molecular Autism</i> , 2016, 7, 13.	2.6	71
38	Brainhack: a collaborative workshop for the open neuroscience community. <i>GigaScience</i> , 2016, 5, 16.	3.3	34
39	Characterising resting-state functional connectivity in a large sample of adults with ADHD. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 67, 82-91.	2.5	53
40	The Richness of Task-Evoked Hemodynamic Responses Defines a Pseudohierarchy of Functionally Meaningful Brain Networks. <i>Cerebral Cortex</i> , 2015, 25, 2658-2669.	1.6	40
41	Altered neural connectivity during response inhibition in adolescents with attention-deficit/hyperactivity disorder and their unaffected siblings. <i>NeuroImage: Clinical</i> , 2015, 7, 325-335.	1.4	69
42	Distinguishing Adolescents With ADHD From Their Unaffected Siblings and Healthy Comparison Subjects by Neural Activation Patterns During Response Inhibition. <i>American Journal of Psychiatry</i> , 2015, 172, 674-683.	4.0	77
43	Increased Functional Connectivity Between Subcortical and Cortical Resting-State Networks in Autism Spectrum Disorder. <i>JAMA Psychiatry</i> , 2015, 72, 767.	6.0	276
44	In Reply. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 686-688.	0.3	2
45	Brain Correlates of the Interaction Between 5-HTTLPR and Psychosocial Stress Mediating Attention Deficit Hyperactivity Disorder Severity. <i>American Journal of Psychiatry</i> , 2015, 172, 768-775.	4.0	44
46	White matter microstructure and developmental improvement of hyperactive/impulsive symptoms in attention-deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 1289-1297.	3.1	54
47	ICA-AROMA: A robust ICA-based strategy for removing motion artifacts from fMRI data. <i>NeuroImage</i> , 2015, 112, 267-277.	2.1	1,289
48	Evaluation of ICA-AROMA and alternative strategies for motion artifact removal in resting state fMRI. <i>NeuroImage</i> , 2015, 112, 278-287.	2.1	447
49	Increased Neural Responses to Reward in Adolescents and Young Adults With Attention-Deficit/Hyperactivity Disorder and Their Unaffected Siblings. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 394-402.	0.3	94
50	Developmentally Stable Whole-Brain Volume Reductions and Developmentally Sensitive Caudate and Putamen Volume Alterations in Those With Attention-Deficit/Hyperactivity Disorder and Their Unaffected Siblings. <i>JAMA Psychiatry</i> , 2015, 72, 490.	6.0	159
51	The executive control network and symptomatic improvement in attention-deficit/hyperactivity disorder. <i>Cortex</i> , 2015, 73, 62-72.	1.1	90
52	The NeuroIMAGE study: a prospective phenotypic, cognitive, genetic and MRI study in children with attention-deficit/hyperactivity disorder. Design and descriptives. <i>European Child and Adolescent Psychiatry</i> , 2015, 24, 265-281.	2.8	138
53	Early Life Influences on Cognition, Behavior, and Emotion in Humans: From Birth to Age 20. <i>Advances in Neurobiology</i> , 2015, 10, 315-331.	1.3	12
54	Massively Parallel Nonparametric Regression, With an Application to Developmental Brain Mapping. <i>Journal of Computational and Graphical Statistics</i> , 2014, 23, 232-248.	0.9	23

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55	Abnormal Amygdala Functional Connectivity Associated With Emotional Lability in Children With Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 351-361.e1.	0.3	108
56	Optimizing full-brain coverage in human brain MRI through population distributions of brain size. <i>NeuroImage</i> , 2014, 98, 513-520.	2.1	33
57	Resting state fMRI research in child psychiatric disorders. <i>European Child and Adolescent Psychiatry</i> , 2013, 22, 757-770.	2.8	24
58	Relationship of Trauma Symptoms to Amygdala-Based Functional Brain Changes in Adolescents. <i>Journal of Traumatic Stress</i> , 2013, 26, 784-787.	1.0	39
59	Making data sharing work: The FCP/INDI experience. <i>NeuroImage</i> , 2013, 82, 683-691.	2.1	252
60	Shared and Distinct Intrinsic Functional Network Centrality in Autism and Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2013, 74, 623-632.	0.7	295
61	The Extrinsic and Intrinsic Functional Architectures of the Human Brain Are Not Equivalent. <i>Cerebral Cortex</i> , 2013, 23, 223-229.	1.6	149
62	Network Centrality in the Human Functional Connectome. <i>Cerebral Cortex</i> , 2012, 22, 1862-1875.	1.6	1,003
63	Lovastatin regulates brain spontaneous low-frequency brain activity in Neurofibromatosis type 1. <i>Neuroscience Letters</i> , 2012, 515, 28-33.	1.0	48
64	Dimensional Brain-Behavior Relationships in Children with Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2012, 71, 434-442.	0.7	80
65	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. <i>Frontiers in Neuroscience</i> , 2012, 6, 152.	1.4	667
66	Distinct neural signatures detected for ADHD subtypes after controlling for micro-movements in resting state functional connectivity MRI data. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 80.	1.2	390
67	Resting-State Functional Connectivity Indexes Reading Competence in Children and Adults. <i>Journal of Neuroscience</i> , 2011, 31, 8617-8624.	1.7	234
68	Aberrant Striatal Functional Connectivity in Children with Autism. <i>Biological Psychiatry</i> , 2011, 69, 847-856.	0.7	403
69	Extracting information from functional connectivity maps via function-on-scalar regression. <i>NeuroImage</i> , 2011, 56, 140-148.	2.1	5
70	The BOLD correlates of the visual P1 and N1 in single-trial analysis of simultaneous EEG-fMRI recordings during a spatial detection task. <i>NeuroImage</i> , 2011, 54, 824-835.	2.1	57
71	Linking inter-individual differences in neural activation and behavior to intrinsic brain dynamics. <i>NeuroImage</i> , 2011, 54, 2950-2959.	2.1	192
72	Discovery science of human brain function. <i>Neuroscience Research</i> , 2011, 71, e30-e31.	1.0	1

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73	Personality Is Reflected in the Brain's Intrinsic Functional Architecture. <i>PLoS ONE</i> , 2011, 6, e27633.	1.1	254
74	Resting State Functional Connectivity Correlates of Inhibitory Control in Children with Attention-Deficit/Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2011, 2, 83.	1.3	56
75	Fast Function-on-Scalar Regression with Penalized Basis Expansions. <i>International Journal of Biostatistics</i> , 2010, 6, Article 28.	0.4	85
76	Validation of ICA as a tool to remove eye movement artifacts from EEG/ERP. <i>Psychophysiology</i> , 2010, 47, 1142-50.	1.2	53
77	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4734-4739.	3.3	2,703
78	Distributed task coding throughout the multiple demand network of the human frontal-insular cortex. <i>NeuroImage</i> , 2010, 52, 252-262.	2.1	46
79	Inter-individual differences in resting-state functional connectivity predict task-induced BOLD activity. <i>NeuroImage</i> , 2010, 50, 1690-1701.	2.1	331
80	Removal of BCG artifacts from EEG recordings inside the MR scanner: A comparison of methodological and validation-related aspects. <i>NeuroImage</i> , 2010, 50, 920-934.	2.1	85
81	Growing Together and Growing Apart: Regional and Sex Differences in the Lifespan Developmental Trajectories of Functional Homotopy. <i>Journal of Neuroscience</i> , 2010, 30, 15034-15043.	1.7	619
82	Working memory in children with epilepsy: An event-related potentials study. <i>Epilepsy Research</i> , 2009, 86, 183-190.	0.8	24
83	Developmental brain alterations in 17 year old boys are related to antenatal maternal anxiety. <i>Clinical Neurophysiology</i> , 2009, 120, 1116-1122.	0.7	64
84	ERP correlates of complex human decision making in a gambling paradigm: Detection and resolution of conflict. <i>Psychophysiology</i> , 2008, 45, 714-720.	1.2	45
85	ADHD Deficit as Measured in Adolescent Boys with a Continuous Performance Task Is Related to Antenatal Maternal Anxiety. <i>Pediatric Research</i> , 2006, 59, 78-82.	1.1	117
86	Long-term cognitive sequelae of antenatal maternal anxiety: involvement of the orbitofrontal cortex. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 1078-1086.	2.9	124
87	Antenatal maternal anxiety and stress and the neurobehavioural development of the fetus and child: links and possible mechanisms. A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 237-258.	2.9	930
88	High antenatal maternal anxiety is related to impulsivity during performance on cognitive tasks in 14- and 15-year-olds. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 259-269.	2.9	225
89	Attention and information processing in survivors of childhood acute lymphoblastic leukemia treated with chemotherapy only. <i>Pediatric Blood and Cancer</i> , 2005, 44, 479-486.	0.8	79