Marie Schaer

List of Publications by Year
in descending order

98 papers	5,207 citations	125106 35 h-index	120465 65 g-index
112 all docs	112 docs citations	112 times ranked	7866 citing authors

#	Article	IF	Citations
1	Trajectories of imitation skills in preschoolers with autism spectrum disorders. Journal of Neurodevelopmental Disorders, 2022, 14, 2.	1.5	13
2	Heterozygous variants in CTR9, which encodes a major component of the PAF1 complex, are associated with a neurodevelopmental disorder. Genetics in Medicine, 2022, , .	1.1	1
3	Structural control energy of restingâ€state functional brain states reveals less costâ€effective brain dynamics in psychosis vulnerability. Human Brain Mapping, 2021, 42, 2181-2200.	1.9	18
4	Long-term effects of early treatment with SSRIs on cognition and brain development in individuals with 22q11.2 deletion syndrome. Translational Psychiatry, 2021, 11, 336.	2.4	7
5	Measuring the Emergence of Specific Abilities in Young Children with Autism Spectrum Disorders: The Example of Early Hyperlexic Traits. Brain Sciences, 2021, 11, 692.	1.1	4
6	Altered Gray-White Matter Boundary Contrast in Toddlers at Risk for Autism Relates to Later Diagnosis of Autism Spectrum Disorder. Frontiers in Neuroscience, 2021, 15, 669194.	1.4	5
7	Using 2D video-based pose estimation for automated prediction of autism spectrum disorders in young children. Scientific Reports, 2021, 11, 15069.	1.6	35
8	Altered cortical thickness development in 22q11.2 deletion syndrome and association with psychotic symptoms. Molecular Psychiatry, 2021, 26, 7671-7678.	4.1	13
9	Early alterations of large-scale brain networks temporal dynamics in young children with autism. Communications Biology, 2021, 4, 968.	2.0	21
10	Attention to Face as a Predictor of Developmental Change and Treatment Outcome in Young Children with Autism Spectrum Disorder. Biomedicines, 2021, 9, 942.	1.4	13
11	Positive psychotic symptoms are associated with divergent developmental trajectories of hippocampal volume during late adolescence in patients with 22q11DS. Molecular Psychiatry, 2020, 25, 2844-2859.	4.1	51
12	Pituitary dysmaturation affects psychopathology and neurodevelopment in 22q11.2 Deletion Syndrome. Psychoneuroendocrinology, 2020, 113, 104540.	1.3	15
13	Identifying neurodevelopmental anomalies of white matter microstructure associated with high risk for psychosis in 22q11.2DS. Translational Psychiatry, 2020, 10, 408.	2.4	6
14	Abnormal Development and Dysconnectivity of Distinct Thalamic Nuclei in Patients With 22q11.2 Deletion Syndrome Experiencing Auditory Hallucinations. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 875-890.	1.1	21
15	Predictors of Treatment Outcome in Preschoolers with Autism Spectrum Disorder: An Observational Study in the Greater Geneva Area, Switzerland. Journal of Autism and Developmental Disorders, 2020, 50, 3815-3830.	1.7	29
16	Developmental Trajectories of Cortical Thickness in Relation to Schizotypy During Adolescence. Schizophrenia Bulletin, 2020, 46, 1306-1316.	2.3	8
17	Favorable effects of omega-3 polyunsaturated fatty acids in attentional control and conversion rate to psychosis in 22q11.2 deletion syndrome. Neuropharmacology, 2020, 168, 107995.	2.0	9
18	Developmental trajectories of subcortical structures in relation to dimensional schizotypy expression along adolescence. Schizophrenia Research, 2020, 218, 76-84.	1.1	11

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19	Emotional vs. Neutral Face Exploration and Habituation: An Eye-Tracking Study of Preschoolers With Autism Spectrum Disorders. Frontiers in Psychiatry, 2020, 11, 568997.	1.3	5
20	Initiation of joint attention and related visual attention processes in infants with autism spectrum disorder: Literature review. Child Neuropsychology, 2019, 25, 287-317.	0.8	25
21	A Longitudinal Study of Local Gyrification Index in Young Boys With Autism Spectrum Disorder. Cerebral Cortex, 2019, 29, 2575-2587.	1.6	47
22	Neural Processing of Dynamic Animated Social Interactions in Young Children With Autism Spectrum Disorder: A High-Density Electroencephalography Study. Frontiers in Psychiatry, 2019, 10, 582.	1.3	13
23	Sensory Processing Issues and Their Association with Social Difficulties in Children with Autism Spectrum Disorders. Journal of Clinical Medicine, 2019, 8, 1508.	1.0	72
24	Large-Scale Brain Network Dynamics Provide a Measure of Psychosis and Anxiety in 22q11.2 Deletion Syndrome. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 881-892.	1.1	35
25	The brain-structural correlates of mathematical expertise. Cortex, 2019, 114, 140-150.	1.1	18
26	Robust Recovery of Temporal Overlap Between Network Activity Using Transient-Informed Spatio-Temporal Regression. IEEE Transactions on Medical Imaging, 2019, 38, 291-302.	5.4	30
27	Cortical morphology development in patients with 22q11.2 deletion syndrome at ultra-high risk of psychosis. Psychological Medicine, 2018, 48, 2375-2383.	2.7	13
28	Early Adaptive Functioning Trajectories in Preschoolers With Autism Spectrum Disorders. Journal of Pediatric Psychology, 2018, 43, 800-813.	1.1	45
29	Coping Strategies Mediate the Effect of Stressful Life Events on Schizotypal Traits and Psychotic Symptoms in 22q11.2 Deletion Syndrome. Schizophrenia Bulletin, 2018, 44, S525-S535.	2.3	29
30	Cortical Dysconnectivity Measured by Structural Covariance Is Associated With the Presence of Psychotic Symptoms in 22q11.2 Deletion Syndrome. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 433-442.	1.1	19
31	Psychotic symptoms influence the development of anterior cingulate BOLD variability in 22q11.2 deletion syndrome. Schizophrenia Research, 2018, 193, 319-328.	1.1	20
32	Face processing in 22q11.2 deletion syndrome: atypical development and visual scanning alterations. Journal of Neurodevelopmental Disorders, 2018, 10, 26.	1.5	8
33	A Mini Review on the Contribution of the Anterior Cingulate Cortex in the Risk of Psychosis in 22q11.2 Deletion Syndrome. Frontiers in Psychiatry, 2018, 9, 372.	1.3	15
34	Early alterations of social brain networks in young children with autism. ELife, 2018, 7, .	2.8	46
35	Development of Structural Covariance From Childhood to Adolescence: A Longitudinal Study in 22q11.2DS. Frontiers in Neuroscience, 2018, 12, 327.	1.4	16
36	Deficits in mesolimbic reward pathway underlie social interaction impairments in children with autism. Brain, 2018, 141, 2795-2805.	3.7	73

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37	Multimodal investigation of triple network connectivity in patients with 22q11<scp>DS</scp> and association with executive functions. Human Brain Mapping, 2017, 38, 2177-2189.	1.9	17
38	The effect of emotional intensity on responses to joint attention in preschoolers with an autism spectrum disorder. Research in Autism Spectrum Disorders, 2017, 35, 13-24.	0.8	28
39	Disentangling resting-state BOLD variability and PCC functional connectivity in 22q11.2 deletion syndrome. NeuroImage, 2017, 149, 85-97.	2.1	62
40	Implication of reward alterations in the expression of negative symptoms in 22q11.2 deletion syndrome: a behavioural and DTI study. Psychological Medicine, 2017, 47, 1442-1453.	2.7	6
41	Morphological brain changes associated with negative symptoms in patients with 22q11.2 Deletion Syndrome. Schizophrenia Research, 2017, 188, 52-58.	1.1	10
42	The Default Mode Network in Autism. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 476-486.	1.1	201
43	Subthreshold Psychosis in 22q11.2 Deletion Syndrome: Multisite Naturalistic Study. Schizophrenia Bulletin, 2017, 43, 1079-1089.	2.3	47
44	Adolescence is the starting point of sex-dichotomous COMT genetic effects. Translational Psychiatry, 2017, 7, e1141-e1141.	2.4	32
45	Impact of the Early Start Denver Model on the cognitive level of children with autism spectrum disorder: study protocol for a randomised controlled trial using a two-stage Zelen design. BMJ Open, 2017, 7, e014730.	0.8	7
46	Salivary Cortisol and Regional Brain Volumes Among Veterans With and Without Posttraumatic Stress Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 372-379.	1.1	6
47	Cortical Alterations in Medicationâ€Overuse Headache. Headache, 2017, 57, 255-265.	1.8	16
48	Altered structural network architecture is predictive of the presence of psychotic symptoms in patients with 22q11.2 deletion syndrome. NeuroImage: Clinical, 2017, 16, 142-150.	1.4	18
49	MRIQC: Advancing the automatic prediction of image quality in MRI from unseen sites. PLoS ONE, 2017, 12, e0184661.	1.1	538
50	Quantifying indices of short- and long-range white matter connectivity at each cortical vertex. PLoS ONE, 2017, 12, e0187493.	1.1	7
51	Social orienting and joint attention in preschoolers with autism spectrum disorders. PLoS ONE, 2017, 12, e0178859.	1.1	47
52	Le diagnostic prÃ©coce des troubles du spectre autistique (TSA)Â: contribution des Ã©tudes sur lâ€™orientation sociale et lâ€™attention conjointe. Devenir, 2016, Vol. 28, 177-190.	0.1	2
53	Aberrant Development of Speech Processing in Young Children with Autism: New Insights from Neuroimaging Biomarkers. Frontiers in Neuroscience, 2016, 10, 393.	1.4	38
54	Brief Report: A Preference for Biological Motion Predicts a Reduction in Symptom Severity 1 Year Later in Preschoolers with Autism Spectrum Disorders. Frontiers in Psychiatry, 2016, 7, 143.	1.3	34

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55	Visual processing of emotional dynamic faces in 22q11.2 deletion syndrome. Journal of Intellectual Disability Research, 2016, 60, 308-321.	1.2	16
56	Visual memory profile in 22q11.2 microdeletion syndrome: are there differences in performance and neurobiological substrates between tasks linked to ventral and dorsal visual brain structures? A cross-sectional and longitudinal study. Journal of Neurodevelopmental Disorders, 2016, 8, 41.	1.5	14
57	Large-scale functional network reorganization in 22q11.2 deletion syndrome revealed by modularity analysis. Cortex, 2016, 82, 86-99.	1.1	20
58	Long-range dysconnectivity in frontal and midline structures is associated to psychosis in 22q11.2 deletion syndrome. Journal of Neural Transmission, 2016, 123, 823-839.	1.4	38
59	An affected core drives network integration deficits of the structural connectome in 22q11.2 deletion syndrome. NeuroImage: Clinical, 2016, 10, 239-249.	1.4	19
60	Developmental trajectories of executive functions in 22q11.2 deletion syndrome. Journal of Neurodevelopmental Disorders, 2016, 8, 10.	1.5	60
61	Abnormal spindle-like microcephaly-associated (ASPM) mutations strongly disrupt neocortical structure but spare the hippocampus and long-term memory. Cortex, 2016, 74, 158-176.	1.1	32
62	Structural and functional connectivity in the default mode network in 22q11.2 deletion syndrome. Journal of Neurodevelopmental Disorders, 2015, 7, 23.	1.5	47
63	Automatic brain extraction in fetal MRI using multi-atlas-based segmentation. Proceedings of SPIE, 2015, , .	0.8	9
64	Sex differences in cortical volume and gyrification in autism. Molecular Autism, 2015, 6, 42.	2.6	75
65	Identifying 22q11.2 Deletion Syndrome and Psychosis Using Resting-State Connectivity Patterns. Brain Topography, 2014, 27, 808-821.	0.8	34
66	Clinical and cognitive risk factors for psychotic symptoms in 22q11.2 deletion syndrome: a transversal and longitudinal approach. European Child and Adolescent Psychiatry, 2014, 23, 425-436.	2.8	62
67	Reduced brain cortical folding in schizophrenia revealed in two independent samples. Schizophrenia Research, 2014, 152, 333-338.	1.1	65
68	Congenital heart disease is associated with reduced cortical and hippocampal volume in patients with 22q11.2 deletion syndrome. Cortex, 2014, 57, 128-142.	1.1	16
69	Latest findings in autism research: how do they support the importance of early diagnosis and immediate intervention?. Swiss Archives of Neurology, Psychiatry and Psychotherapy, 2014, 165, 277-289.	0.2	9
70	Early adversity and combat exposure interact to influence anterior cingulate cortex volume in combat veterans. NeuroImage: Clinical, 2013, 2, 670-674.	1.4	19
71	Cortical Thickness, Surface Area, and Gyrification Abnormalities in Children Exposed to Maltreatment: Neural Markers of Vulnerability?. Biological Psychiatry, 2013, 74, 845-852.	0.7	184
72	Sex differences in thickness, and folding developments throughout the cortex. NeuroImage, 2013, 82, 200-207.	2.1	182

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73	Risk Factors and the Evolution of Psychosis in 22q11.2 Deletion Syndrome: A Longitudinal 2-Site Study. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 1192-1203.e3.	0.3	108
74	Graph theory reveals dysconnected hubs in 22q11DS and altered nodal efficiency in patients with hallucinations. Frontiers in Human Neuroscience, 2013, 7, 402.	1.0	67
75	Decreased frontal gyrification correlates with altered connectivity in children with autism. Frontiers in Human Neuroscience, 2013, 7, 750.	1.0	127
76	Reduced Fronto-Temporal and Limbic Connectivity in the 22q11.2 Deletion Syndrome: Vulnerability Markers for Developing Schizophrenia?. PLoS ONE, 2013, 8, e58429.	1.1	44
77	How to Measure Cortical Folding from MR Images: a Step-by-Step Tutorial to Compute Local Gyrification Index. Journal of Visualized Experiments, 2012, , e3417.	0.2	95
78	Hippocampal volume reduction in chromosome 22q11.2 deletion syndrome (22q11.2DS): A longitudinal study of morphometry and symptomatology. Psychiatry Research - Neuroimaging, 2012, 203, 1-5.	0.9	22
79	Cortical folding in Broca's area relates to obstetric complications in schizophrenia patients and healthy controls. Psychological Medicine, 2012, 42, 1329-1337.	2.7	45
80	Cortical morphometry in narcolepsy with cataplexy. Journal of Sleep Research, 2012, 21, 487-494.	1.7	18
81	Degrees of separation: A quantitative neuroimaging meta-analysis investigating self-specificity and shared neural activation between self- and other-reflection. Neuroscience and Biobehavioral Reviews, 2012, 36, 1043-1059.	2.9	307
82	Catechol-O-Methyltransferase Val158Met Polymorphism Moderates Anterior Cingulate Volume in Posttraumatic Stress Disorder. Biological Psychiatry, 2011, 70, 1091-1096.	0.7	31
83	Regional cortical volumes and congenital heart disease: a MRI study in 22q11.2 deletion syndrome. Journal of Neurodevelopmental Disorders, 2010, 2, 224-234.	1.5	27
84	Prefrontal Plasticity and Stress Inoculation-Induced Resilience. Developmental Neuroscience, 2009, 31, 293-299.	1.0	72
85	Hippocampal volume and declarative memory function in combat-related PTSD. Journal of the International Neuropsychological Society, 2009, 15, 830-839.	1.2	36
86	Smaller Global and Regional Cortical Volume in Combat-Related Posttraumatic Stress Disorder. Archives of General Psychiatry, 2009, 66, 1373.	13.8	86
87	Congenital heart disease affects local gyrification in 22q11.2 deletion syndrome. Developmental Medicine and Child Neurology, 2009, 51, 746-753.	1.1	58
88	Deviant trajectories of cortical maturation in 22q11.2 deletion syndrome (22q11DS): A cross-sectional and longitudinal study. Schizophrenia Research, 2009, 115, 182-190.	1.1	112
89	Genes, brain development and psychiatric phenotypes in veloâ€cardioâ€facial syndrome. Developmental Disabilities Research Reviews, 2008, 14, 59-68.	2.9	114
90	A Surface-Based Approach to Quantify Local Cortical Gyrification. IEEE Transactions on Medical Imaging, 2008, 27, 161-170.	5.4	470

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91	Cingulate gyral reductions are related to low executive functioning and psychotic symptoms in 22q11.2 deletion syndrome. Neuropsychologia, 2008, 46, 2986-2992.	0.7	46
92	Right anterior cingulate cortical volume covaries with respiratory sinus arrhythmia magnitude in combat veterans. Journal of Rehabilitation Research and Development, 2008, 45, 451-464.	1.6	31
93	From Genes to Brain: Understanding Brain Development in Neurogenetic Disorders Using Neuroimaging Techniques. Child and Adolescent Psychiatric Clinics of North America, 2007, 16, 557-579.	1.0	28
94	Structural changes to the fusiform gyrus: A cerebral marker for social impairments in 22q11.2 deletion syndrome?. Schizophrenia Research, 2007, 96, 82-86.	1.1	26
95	Decreased Anterior Cingulate Volume in Combat-Related PTSD. Biological Psychiatry, 2006, 59, 582-587.	0.7	230
96	Hippocampal volume reduction in 22q11.2 deletion syndrome. Neuropsychologia, 2006, 44, 2360-2365.	0.7	62
97	Abnormal patterns of cortical gyrification in velo-cardio-facial syndrome (deletion 22q11.2): An MRI study. Psychiatry Research - Neuroimaging, 2006, 146, 1-11.	0.9	68
98	Distinct Patterns of Cognitive Outcome in Young Children With Autism Spectrum Disorder Receiving the Early Start Denver Model. Frontiers in Psychiatry, 0, 13, .	1.3	7