

# Sara Calderoni

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90  
papers

2,278  
citations

28  
h-index

45  
g-index

105  
ext. papers

3,118  
ext. citations

4.8  
avg, IF

4.78  
L-index

#	Paper	IF	Citations
90	Cortical and Subcortical Brain Morphometry Differences Between Patients With Autism Spectrum Disorder and Healthy Individuals Across the Lifespan: Results From the ENIGMA ASD Working Group. <i>American Journal of Psychiatry</i> , <b>2018</b> , 175, 359-369	11.9	188
89	Anatomical and cellular localization of melatonin MT1 and MT2 receptors in the adult rat brain. <i>Journal of Pineal Research</i> , <b>2015</b> , 58, 397-417	10.4	104
88	Gut to brain interaction in Autism Spectrum Disorders: a randomized controlled trial on the role of probiotics on clinical, biochemical and neurophysiological parameters. <i>BMC Psychiatry</i> , <b>2016</b> , 16, 183	4.2	91
87	White matter connectivity in children with autism spectrum disorders: a tract-based spatial statistics study. <i>BMC Neurology</i> , <b>2012</b> , 12, 148	3.1	85
86	Gastrointestinal symptoms and behavioral problems in preschoolers with Autism Spectrum Disorder. <i>Digestive and Liver Disease</i> , <b>2016</b> , 48, 248-54	3.3	83
85	Female children with autism spectrum disorder: an insight from mass-univariate and pattern classification analyses. <i>NeuroImage</i> , <b>2012</b> , 59, 1013-22	7.9	82
84	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , <b>2019</b> , 10, 4958	17.4	72
83	Neuropsychological profile in high functioning autism spectrum disorders. <i>Journal of Autism and Developmental Disorders</i> , <b>2013</b> , 43, 1895-909	4.6	70
82	The CBCL 1.5-5 and the identification of preschoolers with autism in Italy. <i>Epidemiology and Psychiatric Sciences</i> , <b>2011</b> , 20, 329-38	5.1	67
81	Prevalence of Autism Spectrum Disorder in a large Italian catchment area: a school-based population study within the ASDEU project. <i>Epidemiology and Psychiatric Sciences</i> , <b>2018</b> , 29, e5	5.1	60
80	The effect of gender on the neuroanatomy of children with autism spectrum disorders: a support vector machine case-control study. <i>Molecular Autism</i> , <b>2016</b> , 7, 5	6.5	54
79	On the application of quantitative EEG for characterizing autistic brain: a systematic review. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 442	3.3	53
78	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> , <b>2020</b> , 177, 834-843	11.9	50
77	Evaluating Sex and Age Differences in ADI-R and ADOS Scores in a Large European Multi-site Sample of Individuals with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , <b>2018</b> , 48, 2490-2505	4.6	49
76	A systematic review of structural MRI biomarkers in autism spectrum disorder: A machine learning perspective. <i>International Journal of Developmental Neuroscience</i> , <b>2018</b> , 71, 68-82	2.7	49
75	Child Behavior Check List 1½-5 as a tool to identify toddlers with autism spectrum disorders: a case-control study. <i>Research in Developmental Disabilities</i> , <b>2013</b> , 34, 1179-89	2.7	46
74	The Broad Autism (Endo)Phenotype: Neurostructural and Neurofunctional Correlates in Parents of Individuals with Autism Spectrum Disorders. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 346	5.1	43

73	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , <b>2021</b> , 78, 47-63	14.5	43
72	Behavioral Phenotype of ASD Preschoolers with Gastrointestinal Symptoms or Food Selectivity. <i>Journal of Autism and Developmental Disorders</i> , <b>2017</b> , 47, 3574-3588	4.6	41
71	Gray Matter Alterations in Young Children with Autism Spectrum Disorders: Comparing Morphometry at the Voxel and Regional Level. <i>Journal of Neuroimaging</i> , <b>2015</b> , 25, 866-74	2.8	36
70	Disentangling the initiation from the response in joint attention: an eye-tracking study in toddlers with autism spectrum disorders. <i>Translational Psychiatry</i> , <b>2016</b> , 6, e808	8.6	36
69	The first 1000 days of the autistic brain: a systematic review of diffusion imaging studies. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 159	3.3	35
68	Neuropsychological functioning in children and adolescents with restrictive-type anorexia nervosa: an in-depth investigation with NEPSY-II. <i>Journal of Clinical and Experimental Neuropsychology</i> , <b>2013</b> , 35, 167-79	2.1	33
67	Network over-connectivity differentiates autism spectrum disorder from other developmental disorders in toddlers: A diffusion MRI study. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 2333-2344	5.9	32
66	Brain anatomy of autism spectrum disorders II. Focus on amygdala. <i>Epidemiology and Psychiatric Sciences</i> , <b>2013</b> , 22, 309-12	5.1	32
65	Low-dose olanzapine monotherapy in girls with anorexia nervosa, restricting subtype: focus on hyperactivity. <i>Journal of Child and Adolescent Psychopharmacology</i> , <b>2010</b> , 20, 127-33	2.9	30
64	Heart Rate Variability During a Joint Attention Task in Toddlers With Autism Spectrum Disorders. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 467	4.6	29
63	An integrated EEG and eye-tracking approach for the study of responding and initiating joint attention in Autism Spectrum Disorders. <i>Scientific Reports</i> , <b>2017</b> , 7, 13560	4.9	28
62	Application of the Repetitive Behavior Scale-Revised--Italian version--in preschoolers with autism spectrum disorder. <i>Research in Developmental Disabilities</i> , <b>2016</b> , 48, 43-52	2.7	28
61	Effects of Probiotic Supplementation on Gastrointestinal, Sensory and Core Symptoms in Autism Spectrum Disorders: A Randomized Controlled Trial. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 550593	5	28
60	Are children born after assisted reproductive technology at increased risk of autism spectrum disorders? A systematic review. <i>Human Reproduction</i> , <b>2013</b> , 28, 3316-27	5.7	27
59	Basal ganglia and restricted and repetitive behaviours in Autism Spectrum Disorders: current status and future perspectives. <i>Epidemiology and Psychiatric Sciences</i> , <b>2014</b> , 23, 235-8	5.1	27
58	An Integrated Approach for the Monitoring of Brain and Autonomic Response of Children with Autism Spectrum Disorders during Treatment by Wearable Technologies. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 276	5.1	26
57	Motor Skills as Moderators of Core Symptoms in Autism Spectrum Disorders: Preliminary Data From an Exploratory Analysis With Artificial Neural Networks. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 2683	3.4	23
56	Olfactory Processing in Male Children with Autism: Atypical Odor Threshold and Identification. <i>Journal of Autism and Developmental Disorders</i> , <b>2017</b> , 47, 3243-3251	4.6	22

55	Brain anatomy of autism spectrum disorders I. Focus on corpus callosum. <i>Epidemiology and Psychiatric Sciences</i> , <b>2013</b> , 22, 217-21	5.1	21
54	Rehabilitative Interventions and Brain Plasticity in Autism Spectrum Disorders: Focus on MRI-Based Studies. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 139	5.1	21
53	Lateralization of Brain Networks and Clinical Severity in Toddlers with Autism Spectrum Disorder: A HARDI Diffusion MRI Study. <i>Autism Research</i> , <b>2016</b> , 9, 382-92	5.1	21
52	Multimodal Functional and Structural Brain Connectivity Analysis in Autism: A Preliminary Integrated Approach With EEG, fMRI, and DTI. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , <b>2018</b> , 10, 213-226	3	19
51	Tracing back to the onset of abnormal head circumference growth in Italian children with autism spectrum disorder. <i>Research in Autism Spectrum Disorders</i> , <b>2012</b> , 6, 442-449	3	19
50	Serological screening for Celiac Disease in 382 pre-schoolers with Autism Spectrum Disorder. <i>Italian Journal of Pediatrics</i> , <b>2016</b> , 42, 98	3.2	18
49	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. <i>Human Brain Mapping</i> , <b>2020</b> ,	5.9	17
48	The effect of age, sex and clinical features on the volume of Corpus Callosum in pre-schoolers with Autism Spectrum Disorder: a case-control study. <i>European Journal of Neuroscience</i> , <b>2018</b> , 47, 568-578	3.5	17
47	One-Class Support Vector Machines Identify the Language and Default Mode Regions As Common Patterns of Structural Alterations in Young Children with Autism Spectrum Disorders. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 306	5.1	16
46	Temporal lobe connects regression and macrocephaly to autism spectrum disorders. <i>European Child and Adolescent Psychiatry</i> , <b>2016</b> , 25, 421-9	5.5	15
45	Outcome predictors in autism spectrum disorders preschoolers undergoing treatment as usual: insights from an observational study using artificial neural networks. <i>Neuropsychiatric Disease and Treatment</i> , <b>2015</b> , 11, 1587-99	3.1	15
44	The broad autism phenotype in real-life: clinical and functional correlates of autism spectrum symptoms and rumination among parents of patients with autism spectrum disorder. <i>CNS Spectrums</i> , <b>2020</b> , 25, 765-773	1.8	15
43	Brainstem enlargement in preschool children with autism: Results from an intermethod agreement study of segmentation algorithms. <i>Human Brain Mapping</i> , <b>2019</b> , 40, 7-19	5.9	15
42	Selective cognitive empathy deficit in adolescents with restrictive anorexia nervosa. <i>Neuropsychiatric Disease and Treatment</i> , <b>2013</b> , 9, 1583-9	3.1	14
41	Contextual priors do not modulate action prediction in children with autism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20191319	4.4	13
40	The impact of internalizing symptoms on autistic traits in adolescents with restrictive anorexia nervosa. <i>Neuropsychiatric Disease and Treatment</i> , <b>2015</b> , 11, 75-85	3.1	13
39	Neuroimaging-based methods for autism identification: a possible translational application?. <i>Functional Neurology</i> , <b>2014</b> , 29, 231-9	2.2	13
38	Pre-linguistic Vocal Trajectories at 6-18 Months of Age As Early Markers of Autism. <i>Frontiers in Psychology</i> , <b>2016</b> , 7, 1595	3.4	13

37	Evaluation of Altered Functional Connections in Male Children With Autism Spectrum Disorders on Multiple-Site Data Optimized With Machine Learning. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 620	5	12
36	Autistic traits impact on olfactory processing in adolescent girls with Anorexia Nervosa restricting type. <i>Psychiatry Research</i> , <b>2019</b> , 274, 20-26	9.9	12
35	Emotional processing deficits in Italian children with Disruptive Behavior Disorder: The role of callous unemotional traits. <i>Behaviour Research and Therapy</i> , <b>2019</b> , 113, 32-38	5.2	12
34	Inflammatory Biomarkers are Correlated with Some Forms of Regressive Autism Spectrum Disorder. <i>Brain Sciences</i> , <b>2019</b> , 9,	3.4	11
33	Autonomic Nervous System Response during Light Physical Activity in Adolescents with Anorexia Nervosa Measured by Wearable Devices. <i>Sensors</i> , <b>2019</b> , 19,	3.8	10
32	Parental Perspectives on Psychiatric Comorbidity in Preschoolers With Autism Spectrum Disorders Receiving Publicly Funded Mental Health Services. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 107	5	10
31	Excessive physical activity in young girls with restrictive-type anorexia nervosa: its role on cardiac structure and performance. <i>Eating and Weight Disorders</i> , <b>2018</b> , 23, 653-663	3.6	8
30	Transdiagnostic vs. disorder-focused perspective in children and adolescents with eating disorders: Findings from a large multisite exploratory study. <i>European Psychiatry</i> , <b>2018</b> , 49, 81-93	6	7
29	Sympathetic arousal in children with oppositional defiant disorder and its relation to emotional dysregulation. <i>Journal of Affective Disorders</i> , <b>2019</b> , 257, 207-213	6.6	7
28	Dealing with confounders and outliers in classification medical studies: The Autism Spectrum Disorders case study. <i>Artificial Intelligence in Medicine</i> , <b>2020</b> , 108, 101926	7.4	7
27	Post-Traumatic Stress Reactions in Caregivers of Children and Adolescents/Young Adults with Severe Diseases: A Systematic Review of Risk and Protective Factors. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 18,	4.6	6
26	Autism Spectrum Disorder and Childhood Apraxia of Speech: Early Language-Related Hallmarks across Structural MRI Study. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	6
25	Vocal and motor behaviors as a possible expression of gastrointestinal problems in preschoolers with Autism Spectrum Disorder. <i>BMC Pediatrics</i> , <b>2019</b> , 19, 466	2.6	6
24	ARIANNA: A research environment for neuroimaging studies in autism spectrum disorders. <i>Computers in Biology and Medicine</i> , <b>2017</b> , 87, 1-7	7	5
23	Brain Network Organization Correlates with Autistic Features in Preschoolers with Autism Spectrum Disorders and in Their Fathers: Preliminary Data from a DWI Analysis. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	5
22	Neuroimaging-based methods for autism identification: a possible translational application?. <i>Functional Neurology</i> ,	2.2	5
21	Subcortical brain volume, regional cortical thickness and cortical surface area across attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder (ASD), and obsessive-compulsive disorder (OCD)		5
20	Sex Differences in Autism Spectrum Disorder: An Investigation on Core Symptoms and Psychiatric Comorbidity in Preschoolers. <i>Frontiers in Integrative Neuroscience</i> , <b>2020</b> , 14, 594082	3.2	5

19	Interventions on Microbiota: Where Do We Stand on a Gut-Brain Link in Autism? A Systematic Review.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	4
18	Moving Toward Telehealth Surveillance Services for Toddlers at Risk for Autism During the COVID-19 Pandemic. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 565999	5	4
17	George Frankl: an undervalued voice in the history of autism. <i>European Child and Adolescent Psychiatry</i> , <b>2021</b> , 30, 1273-1280	5.5	4
16	Lower gray matter volumes of frontal lobes and insula in adolescents with anorexia nervosa restricting type: Findings from a Brain Morphometry Study. <i>European Psychiatry</i> , <b>2020</b> , 63, e27	6	3
15	Altered structural brain asymmetry in autism spectrum disorder: large-scale analysis via the ENIGMA Consortium		3
14	High angular resolution diffusion imaging in a child with autism spectrum disorder and comparison with his unaffected identical twin. <i>Functional Neurology</i> , <b>2015</b> , 30, 203-8	2.2	3
13	Parent-child Interaction Treatment for Preschoolers with Feeding Disorders. <i>Israel Journal of Psychiatry</i> , <b>2016</b> , 53, 63-72		3
12	Dietary Patterns and Weight Status in Italian Preschoolers with Autism Spectrum Disorder and Typically Developing Children. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
11	Node Centrality Measures Identify Relevant Structural MRI Features of Subjects with Autism. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	2
10	Machine learning techniques implemented ON structural MRI features at different spatial scales for preschoolers with autism spectrum disorders. <i>Physica Medica</i> , <b>2016</b> , 32, 128	2.7	2
9	Evaluation of Chromosome Microarray Analysis in a Large Cohort of Females with Autism Spectrum Disorders: A Single Center Italian Study. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	1
8	Psychiatric assessment. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2020</b> , 174, 217-238	3	1
7	How Attention to Faces and Objects Changes Over Time in Toddlers with Autism Spectrum Disorders: Preliminary Evidence from An Eye Tracking Study. <i>Brain Sciences</i> , <b>2019</b> , 9,	3.4	1
6	Prevalence and Clinical Features of Celiac Disease in a Cohort of Italian Children with Autism Spectrum Disorders. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
5	Are Fecal Metabolome and Microbiota Profiles Correlated with Autism Severity? A Cross-Sectional Study on ASD Preschoolers. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	1
4	Focusing on Autism Spectrum Disorder in Xia-Gibbs Syndrome: Description of a Female with High Functioning Autism and Literature Review. <i>Children</i> , <b>2021</b> , 8,	2.8	0
3	Looking for "fNIRS Signature" in Autism Spectrum: A Systematic Review Starting From Preschoolers.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 785993	5.1	0
2	A randomized controlled trial into the effects of probiotics on electroencephalography in preschoolers with autism.. <i>Autism</i> , <b>2022</b> , 13623613221082710	6.6	0

- 1 Feeding disorders in preschoolers: a short-term outcome study in an Italian Family Care Program. *Eating and Weight Disorders*, **2021**, 1 3.6