

# Robert T Schultz

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

8,256  
citations

76326

40  
h-index

53230

85  
g-index

118  
all docs

118  
docs citations

118  
times ranked

9364  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Prospective Evaluation of Infant Cerebellar-Cerebral Functional Connectivity in Relation to Behavioral Development in Autism Spectrum Disorder. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 149-161.	2.2	3
2	Relations of Restricted and Repetitive Behaviors to Social Skills in Toddlers with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 1423-1434.	2.7	6
3	Variability in Responding to Joint Attention Cues in the First Year is Associated With Autism Outcome. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 413-422.	0.5	17
4	Reduced Fusiform Gyrus Activation During Face Processing in Pediatric Brain Tumor Survivors. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 937-946.	1.8	2
5	Infant vocalizing and phenotypic outcomes in autism: Evidence from the first 2 years. <i>Child Development</i> , 2022, 93, 468-483.	3.0	10
6	Friend matters: sex differences in social language during autism diagnostic interviews. <i>Molecular Autism</i> , 2022, 13, 5.	4.9	12
7	Conversational adaptation in children and teens with autism: Differences in talkativeness across contexts. <i>Autism Research</i> , 2022, 15, 1090-1108.	3.8	7
8	Examining the factor structure and discriminative utility of the Infant Behavior Questionnaire-Revised in infant siblings of autistic children. <i>Child Development</i> , 2022, 93, 1398-1413.	3.0	3
9	Gross motor impairment and its relation to social skills in autism spectrum disorder: A systematic review and two meta-analyses. <i>Psychological Bulletin</i> , 2022, 148, 273-300.	6.1	22
10	Infant Visual Brain Development and Inherited Genetic Liability in Autism. <i>American Journal of Psychiatry</i> , 2022, 179, 573-585.	7.2	14
11	Natural language markers of social phenotype in girls with autism. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 949-960.	5.2	22
12	Towards a Data-Driven Approach to Screen for Autism Risk at 12 Months of Age. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 968-977.	0.5	9
13	Distributional Properties and Criterion Validity of a Shortened Version of the Social Responsiveness Scale: Results from the ECHO Program and Implications for Social Communication Research. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 2241-2253.	2.7	12
14	Dynamic Eye Tracking as a Predictor and Outcome Measure of Social Skills Intervention in Adolescents and Adults with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 1173-1187.	2.7	9
15	Racial and geographic variation in effects of maternal education and neighborhood-level measures of socioeconomic status on gestational age at birth: Findings from the ECHO cohorts. <i>PLoS ONE</i> , 2021, 16, e0245064.	2.5	23
16	Diagnostic shifts in autism spectrum disorder can be linked to the fuzzy nature of the diagnostic boundary: a data-driven approach. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 1236-1245.	5.2	6
17	Cataloguing and characterizing interests in typically developing toddlers and toddlers who develop ASD. <i>Autism Research</i> , 2021, 14, 1710-1723.	3.8	4
18	Face Processing and Social Functioning in Pediatric Brain Tumor Survivors. <i>Journal of Pediatric Psychology</i> , 2021, 46, 1267-1275.	2.1	8

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19	Longitudinal Prediction of Infant MR Images With Multi-Contrast Perceptual Adversarial Learning. <i>Frontiers in Neuroscience</i> , 2021, 15, 653213.	2.8	4
20	Dissociating regional gray matter density and gray matter volume in autism spectrum condition. <i>NeuroImage: Clinical</i> , 2021, 32, 102888.	2.7	9
21	Computational Measurement of Motor Imitation and Imitative Learning Differences in Autism Spectrum Disorder. , 2021, , .		2
22	Title is missing!. , 2021, 16, e0245064.		0
23	Title is missing!. , 2021, 16, e0245064.		0
24	Title is missing!. , 2021, 16, e0245064.		0
25	Title is missing!. , 2021, 16, e0245064.		0
26	Title is missing!. , 2021, 16, e0245064.		0
27	Title is missing!. , 2021, 16, e0245064.		0
28	Bayesian regression-based developmental norms for the Benton Facial Recognition Test in males and females. <i>Behavior Research Methods</i> , 2020, 52, 1516-1527.	4.0	7
29	A Novel Method for High-Dimensional Anatomical Mapping of Extra-Axial Cerebrospinal Fluid: Application to the Infant Brain. <i>Frontiers in Neuroscience</i> , 2020, 14, 561556.	2.8	2
30	<scp>DASâ€”</scp> Cognitive Profiles Are Not Diagnostically Meaningful For Autism: A <scp>ROC</scp> Analysis. <i>Autism Research</i> , 2020, 13, 2143-2154.	3.8	4
31	Can Facial Pose and Expression Be Separated With Weak Perspective Camera?. , 2020, 2020, 7171-7180.		2
32	Discovering Synchronized Subsets of Sequences: A Large Scale Solution. , 2020, 2020, 9490-9499.		3
33	Sex differences in the first impressions made by girls and boys with autism. <i>Molecular Autism</i> , 2020, 11, 49.	4.9	28
34	Evidence against the â€œnormalizationâ€”prediction of the early brain overgrowth hypothesis of autism. <i>Molecular Autism</i> , 2020, 11, 51.	4.9	16
35	A Lifespan Approach to Patientâ€”Reported Outcomes and Quality of Life for People on the Autism Spectrum. <i>Autism Research</i> , 2020, 13, 970-987.	3.8	33
36	Quantitative trait variation in ASD probands and toddler sibling outcomes at 24â€”months. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 5.	3.1	18

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37	Does the Factor Structure of IQ Differ Between the Differential Ability Scales (DAS-II) Normative Sample and Autistic Children?. <i>Autism Research</i> , 2020, 13, 1184-1194.	3.8	7
38	The Association Between Parental Age and Autism-Related Outcomes in Children at High Familial Risk for Autism. <i>Autism Research</i> , 2020, 13, 998-1010.	3.8	20
39	Sex differences associated with corpus callosum development in human infants: A longitudinal multimodal imaging study. <i>NeuroImage</i> , 2020, 215, 116821.	4.2	14
40	Diminished social attention in pediatric brain tumor survivors: Using eye tracking technology during naturalistic social perception.. <i>Neuropsychology</i> , 2020, 34, 350-358.	1.3	12
41	Inequality-Constrained and Robust 3D Face Model Fitting. , 2020, 12354, 433-449.		0
42	Accuracy of Autism Screening in a Large Pediatric Network. , 2020, , 101-112.		0
43	What's in a name? A preliminary event-related potential study of response to name in preschool children with and without autism spectrum disorder. <i>PLoS ONE</i> , 2019, 14, e0216051.	2.5	7
44	The Importance of Temperament for Understanding Early Manifestations of Autism Spectrum Disorder in High-Risk Infants. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 2849-2863.	2.7	25
45	Adaptation to different communicative contexts: an eye tracking study of autistic adults. <i>Journal of Neurodevelopmental Disorders</i> , 2019, 11, 5.	3.1	19
46	Linguistic markers of autism in girls: evidence of a "blended phenotype" during storytelling. <i>Molecular Autism</i> , 2019, 10, 14.	4.9	40
47	Abnormal maturation of the resting-state peak alpha frequency in children with autism spectrum disorder. <i>Human Brain Mapping</i> , 2019, 40, 3288-3298.	3.6	44
48	Development of the Parent-Rated Anxiety Scale for Youth With Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 887-896.e2.	0.5	78
49	Attention-Deficit/Hyperactivity Disorder Symptoms Are Associated With Lower Adaptive Behavior Skills in Children With Autism. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 525-533.e3.	0.5	22
50	Pre- and Paralinguistic Vocal Production in ASD: Birth Through School Age. <i>Current Psychiatry Reports</i> , 2019, 21, 126.	4.5	23
51	Deviation from normative brain development is associated with symptom severity in autism spectrum disorder. <i>Molecular Autism</i> , 2019, 10, 46.	4.9	24
52	Brief Report: Pilot Study of a Novel Interactive Digital Treatment to Improve Cognitive Control in Children with Autism Spectrum Disorder and Co-occurring ADHD Symptoms. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 1727-1737.	2.7	38
53	Functional Connectivity of Frontoparietal and Salience/Ventral Attention Networks Have Independent Associations With Co-occurring Attention-Deficit/Hyperactivity Disorder Symptoms in Children With Autism. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 343-351.	1.5	21
54	A longitudinal study of parent-reported sensory responsiveness in toddlers at risk for autism. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2019, 60, 314-324.	5.2	50

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55	Restricted and Repetitive Behavior and Brain Functional Connectivity in Infants at Risk for Developing Autism Spectrum Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 50-61.	1.5	53
56	Learning-dependent chromatin remodeling highlights noncoding regulatory regions linked to autism. <i>Science Signaling</i> , 2018, 11, .	3.6	25
57	Defining behavioral components of social functioning in adults with autism spectrum disorder as targets for treatment. <i>Autism Research</i> , 2018, 11, 488-502.	3.8	32
58	Walking, Gross Motor Development, and Brain Functional Connectivity in Infants and Toddlers. <i>Cerebral Cortex</i> , 2018, 28, 750-763.	2.9	65
59	Naturalistic Language Recordings Reveal "Hypervocal" Infants at High Familial Risk for Autism. <i>Child Development</i> , 2018, 89, e60-e73.	3.0	59
60	Parent Support of Preschool Peer Relationships in Younger Siblings of Children with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 1122-1132.	2.7	10
61	Whole brain white matter connectivity analysis using machine learning: An application to autism. <i>NeuroImage</i> , 2018, 172, 826-837.	4.2	70
62	Lagging skills contribute to challenging behaviors in children with autism spectrum disorder without intellectual disability. <i>Autism</i> , 2018, 22, 898-906.	4.1	19
63	Arterial spin labeling provides a reliable neurobiological marker of autism spectrum disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 32.	3.1	20
64	Altered reward system reactivity for personalized circumscribed interests in autism. <i>Molecular Autism</i> , 2018, 9, 9.	4.9	83
65	Evaluation of the Social Motivation Hypothesis of Autism. <i>JAMA Psychiatry</i> , 2018, 75, 797.	11.0	206
66	What About the Girls? Sex-Based Differences in Autistic Traits and Adaptive Skills. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 1698-1711.	2.7	191
67	Oral-Motor and Lexical Diversity During Naturalistic Conversations in Adults with Autism Spectrum Disorder. , 2018, 2018, 147-157.		8
68	Sociability Deficits and Altered Amygdala Circuits in Mice Lacking Pcdh10, an Autism Associated Gene. <i>Biological Psychiatry</i> , 2017, 81, 193-202.	1.3	51
69	On characterizing population commonalities and subject variations in brain networks. <i>Medical Image Analysis</i> , 2017, 38, 215-229.	11.6	3
70	Joint Attention and Brain Functional Connectivity in Infants and Toddlers. <i>Cerebral Cortex</i> , 2017, 27, 1709-1720.	2.9	103
71	Increased Extra-axial Cerebrospinal Fluid in High-Risk Infants Who Later Develop Autism. <i>Biological Psychiatry</i> , 2017, 82, 186-193.	1.3	173
72	Early brain development in infants at high risk for autism spectrum disorder. <i>Nature</i> , 2017, 542, 348-351.	27.8	808

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73	Potential Risk Factors for the Development of Self-Injurious Behavior among Infants at Risk for Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 1403-1415.	2.7	23
74	Neural circuitry at age 6 months associated with later repetitive behavior and sensory responsiveness in autism. <i>Molecular Autism</i> , 2017, 8, 8.	4.9	111
75	Functional neuroimaging of high-risk 6-month-old infants predicts a diagnosis of autism at 24 months of age. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	264
76	Negative Valence in Autism Spectrum Disorder: The Relationship Between Amygdala Activity, Selective Attention, and Co-occurring Anxiety. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 510-517.	1.5	24
77	Harmonization of multi-site diffusion tensor imaging data. <i>NeuroImage</i> , 2017, 161, 149-170.	4.2	731
78	Subcortical Brain and Behavior Phenotypes Differentiate Infants With Autism Versus Language Delay. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 664-672.	1.5	71
79	Amygdala Volume Differences in Autism Spectrum Disorder Are Related to Anxiety. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 3682-3691.	2.7	55
80	Evaluation of the ADHD Rating Scale in Youth with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 90-100.	2.7	24
81	Linguistic camouflage in girls with autism spectrum disorder. <i>Molecular Autism</i> , 2017, 8, 48.	4.9	101
82	Resting-state fMRI in sleeping infants more closely resembles adult sleep than adult wakefulness. <i>PLoS ONE</i> , 2017, 12, e0188122.	2.5	51
83	Globally weaker and topologically different: resting-state connectivity in youth with autism. <i>Molecular Autism</i> , 2017, 8, 39.	4.9	41
84	Critical region within 22q11.2 linked to higher rate of autism spectrum disorder. <i>Molecular Autism</i> , 2017, 8, 58.	4.9	37
85	Measuring Social Motivation Using Signal Detection and Reward Responsiveness. <i>PLoS ONE</i> , 2016, 11, e0167024.	2.5	25
86	Emerging Executive Functioning and Motor Development in Infants at High and Low Risk for Autism Spectrum Disorder. <i>Frontiers in Psychology</i> , 2016, 7, 1016.	2.1	62
87	Development of cortical shape in the human brain from 6 to 24 months of age via a novel measure of shape complexity. <i>NeuroImage</i> , 2016, 135, 163-176.	4.2	33
88	The Role of mGluR Copy Number Variation in Genetic and Environmental Forms of Syndromic Autism Spectrum Disorder. <i>Scientific Reports</i> , 2016, 6, 19372.	3.3	28
89	22q11.2 duplication syndrome: elevated rate of autism spectrum disorder and need for medical screening. <i>Molecular Autism</i> , 2016, 7, 27.	4.9	67
90	Language comprehension and brain function in individuals with an optimal outcome from autism. <i>NeuroImage: Clinical</i> , 2016, 10, 182-191.	2.7	39

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91	Anxiety and social deficits have distinct relationships with amygdala function in autism spectrum disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 907-914.	3.0	48
92	Measuring social attention and motivation in autism spectrum disorder using eye-tracking: Stimulus type matters. <i>Autism Research</i> , 2015, 8, 620-628.	3.8	168
93	Accurate age classification of 6 and 12 month-old infants based on resting-state functional connectivity magnetic resonance imaging data. <i>Developmental Cognitive Neuroscience</i> , 2015, 12, 123-133.	4.0	51
94	Behavioral, cognitive, and adaptive development in infants with autism spectrum disorder in the first 2 years of life. <i>Journal of Neurodevelopmental Disorders</i> , 2015, 7, 24.	3.1	265
95	Auditory encoding abnormalities in children with autism spectrum disorder suggest delayed development of auditory cortex. <i>Molecular Autism</i> , 2015, 6, 69.	4.9	76
96	Replication and Comparison of the Newly Proposed ADOS-2, Module 4 Algorithm in ASD Without ID: A Multi-site Study. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 3919-3931.	2.7	49
97	Brief measures of anxiety in non-treatment-seeking youth with autism spectrum disorder. <i>Autism</i> , 2015, 19, 969-979.	4.1	53
98	Neural Correlates of Set-Shifting in Children With Autism. <i>Autism Research</i> , 2015, 8, 386-397.	3.8	45
99	Altered corpus callosum morphology associated with autism over the first 2 years of life. <i>Brain</i> , 2015, 138, 2046-2058.	7.6	169
100	Design and methods of the NiCK study: neurocognitive assessment and magnetic resonance imaging analysis of children and young adults with chronic kidney disease. <i>BMC Nephrology</i> , 2015, 16, 66.	1.8	14
101	Psychiatric Symptoms in Youth with a History of Autism and Optimal Outcome. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 3703-3714.	2.7	46
102	Identifying group discriminative and age regressive sub-networks from DTI-based connectivity via a unified framework of non-negative matrix factorization and graph embedding. <i>Medical Image Analysis</i> , 2014, 18, 1337-1348.	11.6	20
103	Susceptibility to the audience effect explains performance gap between children with and without autism in a theory of mind task.. <i>Journal of Experimental Psychology: General</i> , 2014, 143, 972-979.	2.1	63
104	Neural Response to Social Rejection in Children With Early Separation Experiences. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 1328-1337.e8.	0.5	57
105	PUNCH: Population Characterization of Heterogeneity. <i>NeuroImage</i> , 2014, 98, 50-60.	4.2	3
106	Fusion of white and gray matter geometry: A framework for investigating brain development. <i>Medical Image Analysis</i> , 2014, 18, 1349-1360.	11.6	22
107	Striatal Development in Autism: Repetitive Behaviors and the Reward Circuitry. <i>Biological Psychiatry</i> , 2014, 76, 358-359.	1.3	52
108	White Matter Microstructure and Atypical Visual Orienting in 7-Month-Olds at Risk for Autism. <i>American Journal of Psychiatry</i> , 2013, 170, 899-908.	7.2	228

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109	Connectivity Subnetwork Learning for Pathology and Developmental Variations. Lecture Notes in Computer Science, 2013, 16, 90-97.	1.3	8
110	Combining Surface and Fiber Geometry: An Integrated Approach to Brain Morphology. Lecture Notes in Computer Science, 2013, 16, 50-57.	1.3	2
111	Differences in White Matter Fiber Tract Development Present From 6 to 24 Months in Infants With Autism. American Journal of Psychiatry, 2012, 169, 589-600.	7.2	555
112	Brain Volume Findings in 6-Month-Old Infants at High Familial Risk for Autism. American Journal of Psychiatry, 2012, 169, 601-608.	7.2	83
113	The social motivation theory of autism. Trends in Cognitive Sciences, 2012, 16, 231-239.	7.8	1,474
114	Multi-voxel pattern analysis of fMRI data predicts clinical symptom severity. NeuroImage, 2011, 57, 113-123.	4.2	95
115	A Comparison of Behavioral and Emotional Characteristics in Children with Autism, Prader-Willi Syndrome, and Williams Syndrome. Journal of Mental Health Research in Intellectual Disabilities, 2009, 2, 220-243.	2.0	28
116	The structure of intelligence in children and adults with high functioning autism.. Neuropsychology, 2008, 22, 301-312.	1.3	52