Robert T Schultz

List of Publications by Year
in descending order

116	8,256	76326	53230
papers	citations	40 h-index	85 g-index

118	118	118	9364
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The social motivation theory of autism. Trends in Cognitive Sciences, 2012, 16, 231-239.	7.8	1,474
2	Early brain development in infants at high risk for autism spectrum disorder. Nature, 2017, 542, 348-351.	27.8	808
3	Harmonization of multi-site diffusion tensor imaging data. NeuroImage, 2017, 161, 149-170.	4.2	731
4	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
5	Behavioral, cognitive, and adaptive development in infants with autism spectrum disorder in the first 2Âyears of life. Journal of Neurodevelopmental Disorders, 2015, 7, 24.	3.1	265
6	Functional neuroimaging of high-risk 6-month-old infants predicts a diagnosis of autism at 24 months of age. Science Translational Medicine, 2017, 9, .	12.4	264
7	White Matter Microstructure and Atypical Visual Orienting in 7-Month-Olds at Risk for Autism. American Journal of Psychiatry, 2013, 170, 899-908.	7.2	228
8	Evaluation of the Social Motivation Hypothesis of Autism. JAMA Psychiatry, 2018, 75, 797.	11.0	206
9	What About the Girls? Sex-Based Differences in Autistic Traits and Adaptive Skills. Journal of Autism and Developmental Disorders, 2018, 48, 1698-1711.	2.7	191
10	Increased Extra-axial Cerebrospinal Fluid in High-Risk Infants Who Later Develop Autism. Biological Psychiatry, 2017, 82, 186-193.	1.3	173
11	Altered corpus callosum morphology associated with autism over the first 2 years of life. Brain, 2015, 138, 2046-2058.	7.6	169
12	Measuring social attention and motivation in autism spectrum disorder using eyeâ€tracking: Stimulus type matters. Autism Research, 2015, 8, 620-628.	3.8	168
13	Neural circuitry at age 6Âmonths associated with later repetitive behavior and sensory responsiveness in autism. Molecular Autism, 2017, 8, 8.	4.9	111
14	Joint Attention and Brain Functional Connectivity in Infants and Toddlers. Cerebral Cortex, 2017, 27, 1709-1720.	2.9	103
15	Linguistic camouflage in girls with autism spectrum disorder. Molecular Autism, 2017, 8, 48.	4.9	101
16	Multi-voxel pattern analysis of fMRI data predicts clinical symptom severity. NeuroImage, 2011, 57, 113-123.	4.2	95
17	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
18	Altered reward system reactivity for personalized circumscribed interests in autism. Molecular Autism, 2018, 9, 9.	4.9	83

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19	Development of the Parent-Rated Anxiety Scale for Youth With Autism Spectrum Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2019, 58, 887-896.e2.	0.5	78
20	Auditory encoding abnormalities in children with autism spectrum disorder suggest delayed development of auditory cortex. Molecular Autism, 2015, 6, 69.	4.9	76
21	Subcortical Brain and Behavior Phenotypes Differentiate Infants With Autism Versus Language Delay. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 664-672.	1.5	71
22	Whole brain white matter connectivity analysis using machine learning: An application to autism. NeuroImage, 2018, 172, 826-837.	4.2	70
23	22q11.2 duplication syndrome: elevated rate of autism spectrum disorder and need for medical screening. Molecular Autism, 2016, 7, 27.	4.9	67
24	Walking, Gross Motor Development, and Brain Functional Connectivity in Infants and Toddlers. Cerebral Cortex, 2018, 28, 750-763.	2.9	65
25	Susceptibility to the audience effect explains performance gap between children with and without autism in a theory of mind task.. Journal of Experimental Psychology: General, 2014, 143, 972-979.	2.1	63
26	Emerging Executive Functioning and Motor Development in Infants at High and Low Risk for Autism Spectrum Disorder. Frontiers in Psychology, 2016, 7, 1016.	2.1	62
27	Naturalistic Language Recordings Reveal â€œHypervocalâ€•Infants at High Familial Risk for Autism. Child Development, 2018, 89, e60-e73.	3.0	59
28	Neural Response to Social Rejection in Children With Early Separation Experiences. Journal of the American Academy of Child and Adolescent Psychiatry, 2014, 53, 1328-1337.e8.	0.5	57
29	Amygdala Volume Differences in Autism Spectrum Disorder Are Related to Anxiety. Journal of Autism and Developmental Disorders, 2017, 47, 3682-3691.	2.7	55
30	Brief measures of anxiety in non-treatment-seeking youth with autism spectrum disorder. Autism, 2015, 19, 969-979.	4.1	53
31	Restricted and Repetitive Behavior and Brain Functional Connectivity in Infants at Risk for Developing Autism Spectrum Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 50-61.	1.5	53
32	The structure of intelligence in children and adults with high functioning autism.. Neuropsychology, 2008, 22, 301-312.	1.3	52
33	Striatal Development in Autism: Repetitive Behaviors and the Reward Circuitry. Biological Psychiatry, 2014, 76, 358-359.	1.3	52
34	Accurate age classification of 6 and 12 month-old infants based on resting-state functional connectivity magnetic resonance imaging data. Developmental Cognitive Neuroscience, 2015, 12, 123-133.	4.0	51
35	Sociability Deficits and Altered Amygdala Circuits in Mice Lacking Pcdh10, an Autism Associated Gene. Biological Psychiatry, 2017, 81, 193-202.	1.3	51
36	Resting-state fMRI in sleeping infants more closely resembles adult sleep than adult wakefulness. PLoS ONE, 2017, 12, e0188122.	2.5	51

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37	A longitudinal study of parentâ€reported sensory responsiveness in toddlers atâ€risk for autism. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2019, 60, 314-324.	5.2	50
38	Replication and Comparison of the Newly Proposed ADOS-2, Module 4 Algorithm in ASD Without ID: A Multi-site Study. Journal of Autism and Developmental Disorders, 2015, 45, 3919-3931.	2.7	49
39	Anxiety and social deficits have distinct relationships with amygdala function in autism spectrum disorder. Social Cognitive and Affective Neuroscience, 2016, 11, 907-914.	3.0	48
40	Psychiatric Symptoms in Youth with a History of Autism and Optimal Outcome. Journal of Autism and Developmental Disorders, 2015, 45, 3703-3714.	2.7	46
41	Neural Correlates of Setâ€Shifting in Children With Autism. Autism Research, 2015, 8, 386-397.	3.8	45
42	Abnormal maturation of the restingâ€state peak alpha frequency in children with autism spectrum disorder. Human Brain Mapping, 2019, 40, 3288-3298.	3.6	44
43	Globally weaker and topologically different: resting-state connectivity in youth with autism. Molecular Autism, 2017, 8, 39.	4.9	41
44	Linguistic markers of autism in girls: evidence of a â€œblended phenotypeâ€•during storytelling. Molecular Autism, 2019, 10, 14.	4.9	40
45	Language comprehension and brain function in individuals with an optimal outcome from autism. NeuroImage: Clinical, 2016, 10, 182-191.	2.7	39
46	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. Journal of Autism and Developmental Disorders, 2019, 49, 1727-1737.	2.7	38
47	Critical region within 22q11.2 linked to higher rate of autism spectrum disorder. Molecular Autism, 2017, 8, 58.	4.9	37
48	Development of cortical shape in the human brain from 6 to 24months of age via a novel measure of shape complexity. NeuroImage, 2016, 135, 163-176.	4.2	33
49	A Lifespan Approach to Patientâ€Reported Outcomes and Quality of Life for People on the Autism Spectrum. Autism Research, 2020, 13, 970-987.	3.8	33
50	Defining behavioral components of social functioning in adults with autism spectrum disorder as targets for treatment. Autism Research, 2018, 11, 488-502.	3.8	32
51	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
52	The Role of mGluR Copy Number Variation in Genetic and Environmental Forms of Syndromic Autism Spectrum Disorder. Scientific Reports, 2016, 6, 19372.	3.3	28
53	Sex differences in the first impressions made by girls and boys with autism. Molecular Autism, 2020, 11, 49.	4.9	28
54	Measuring Social Motivation Using Signal Detection and Reward Responsiveness. PLoS ONE, 2016, 11, e0167024.	2.5	25

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55	Learning-dependent chromatin remodeling highlights noncoding regulatory regions linked to autism. Science Signaling, 2018, 11, .	3.6	25
56	The Importance of Temperament for Understanding Early Manifestations of Autism Spectrum Disorder in High-Risk Infants. Journal of Autism and Developmental Disorders, 2019, 49, 2849-2863.	2.7	25
57	Negative Valence in Autism Spectrum Disorder: The Relationship Between Amygdala Activity, Selective Attention, and Co-occurring Anxiety. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 510-517.	1.5	24
58	Evaluation of the ADHD Rating Scale in Youth with Autism. Journal of Autism and Developmental Disorders, 2017, 47, 90-100.	2.7	24
59	Deviation from normative brain development is associated with symptom severity in autism spectrum disorder. Molecular Autism, 2019, 10, 46.	4.9	24
60	Potential Risk Factors for the Development of Self-Injurious Behavior among Infants at Risk for Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2017, 47, 1403-1415.	2.7	23
61	Pre- and Paralinguistic Vocal Production in ASD: Birth Through School Age. Current Psychiatry Reports, 2019, 21, 126.	4.5	23
62	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. PLoS ONE, 2021, 16, e0245064.	2.5	23
63	Fusion of white and gray matter geometry: A framework for investigating brain development. Medical Image Analysis, 2014, 18, 1349-1360.	11.6	22
64	Attention-Deficit/Hyperactivity Disorder Symptoms AreÂAssociated With Lower Adaptive Behavior Skills inÂChildren With Autism. Journal of the American Academy of Child and Adolescent Psychiatry, 2019, 58, 525-533.e3.	0.5	22
65	Natural language markers of social phenotype in girls with autism. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 949-960.	5.2	22
66	Gross motor impairment and its relation to social skills in autism spectrum disorder: A systematic review and two meta-analyses.. Psychological Bulletin, 2022, 148, 273-300.	6.1	22
67	Functional Connectivity of Frontoparietal and Salience/Ventral Attention Networks Have Independent Associations With Co-occurring Attention-Deficit/Hyperactivity Disorder Symptoms in Children With Autism. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 343-351.	1.5	21
68	Identifying group discriminative and age regressive sub-networks from DTI-based connectivity via a unified framework of non-negative matrix factorization and graph embedding. Medical Image Analysis, 2014, 18, 1337-1348.	11.6	20
69	Arterial spin labeling provides a reliable neurobiological marker of autism spectrum disorder. Journal of Neurodevelopmental Disorders, 2018, 10, 32.	3.1	20
70	The Association Between Parental Age and Autismâ€Related Outcomes in Children at High Familial Risk for Autism. Autism Research, 2020, 13, 998-1010.	3.8	20
71	Lagging skills contribute to challenging behaviors in children with autism spectrum disorder without intellectual disability. Autism, 2018, 22, 898-906.	4.1	19
72	Adaptation to different communicative contexts: an eye tracking study of autistic adults. Journal of Neurodevelopmental Disorders, 2019, 11, 5.	3.1	19

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73	Quantitative trait variation in ASD probands and toddler sibling outcomes at 24â€‰months. Journal of Neurodevelopmental Disorders, 2020, 12, 5.	3.1	18
74	Variability in Responding to Joint Attention Cues in the First Year is Associated With Autism Outcome. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 413-422.	0.5	17
75	Evidence against the â€œnormalizationâ€•prediction of the early brain overgrowth hypothesis of autism. Molecular Autism, 2020, 11, 51.	4.9	16
76	Design and methods of the NiCK study: neurocognitive assessment and magnetic resonance imaging analysis of children and young adults with chronic kidney disease. BMC Nephrology, 2015, 16, 66.	1.8	14
77	Sex differences associated with corpus callosum development in human infants: A longitudinal multimodal imaging study. NeuroImage, 2020, 215, 116821.	4.2	14
78	Infant Visual Brain Development and Inherited Genetic Liability in Autism. American Journal of Psychiatry, 2022, 179, 573-585.	7.2	14
79	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. Journal of Autism and Developmental Disorders, 2021, 51, 2241-2253.	2.7	12
80	Diminished social attention in pediatric brain tumor survivors: Using eye tracking technology during naturalistic social perception.. Neuropsychology, 2020, 34, 350-358.	1.3	12
81	Friend matters: sex differences in social language during autism diagnostic interviews. Molecular Autism, 2022, 13, 5.	4.9	12
82	Parent Support of Preschool Peer Relationships in Younger Siblings of Children with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2018, 48, 1122-1132.	2.7	10
83	Infant vocalizing and phenotypic outcomes in autism: Evidence from the first 2Âyears. Child Development, 2022, 93, 468-483.	3.0	10
84	Towards a Data-Driven Approach to Screen for Autism Risk at 12 Months of Age. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 968-977.	0.5	9
85	Dynamic Eye Tracking as a Predictor and Outcome Measure of Social Skills Intervention in Adolescents and Adults with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2021, 51, 1173-1187.	2.7	9
86	Dissociating regional gray matter density and gray matter volume in autism spectrum condition. NeuroImage: Clinical, 2021, 32, 102888.	2.7	9
87	Face Processing and Social Functioning in Pediatric Brain Tumor Survivors. Journal of Pediatric Psychology, 2021, 46, 1267-1275.	2.1	8
88	Connectivity Subnetwork Learning for Pathology and Developmental Variations. Lecture Notes in Computer Science, 2013, 16, 90-97.	1.3	8
89	Oral-Motor and Lexical Diversity During Naturalistic Conversations in Adults with Autism Spectrum Disorder. , 2018, 2018, 147-157.		8
90	Whatâ€™s in a name? A preliminary event-related potential study of response to name in preschool children with and without autism spectrum disorder. PLoS ONE, 2019, 14, e0216051.	2.5	7

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91	Bayesian regression-based developmental norms for the Benton Facial Recognition Test in males and females. Behavior Research Methods, 2020, 52, 1516-1527.	4.0	7
92	Does the Factor Structure of IQ Differ Between the Differential Ability Scales (DASâ€Ⅱ) Normative Sample and Autistic Children?. Autism Research, 2020, 13, 1184-1194.	3.8	7
93	Conversational adaptation in children and teens with autism: Differences in talkativeness across contexts. Autism Research, 2022, 15, 1090-1108.	3.8	7
94	Diagnostic shifts in autism spectrum disorder can be linked to the fuzzy nature of the diagnostic boundary: a dataâ€driven approach. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1236-1245.	5.2	6
95	Relations of Restricted and Repetitive Behaviors to Social Skills in Toddlers with Autism. Journal of Autism and Developmental Disorders, 2022, 52, 1423-1434.	2.7	6
96	<scp>DASâ€Ⅱ</scp> Cognitive Profiles Are Not Diagnostically Meaningful For Autism: A <scp>ROC</scp> Analysis. Autism Research, 2020, 13, 2143-2154.	3.8	4
97	Cataloguing and characterizing interests in typically developing toddlers and toddlers who develop ASD. Autism Research, 2021, 14, 1710-1723.	3.8	4
98	Longitudinal Prediction of Infant MR Images With Multi-Contrast Perceptual Adversarial Learning. Frontiers in Neuroscience, 2021, 15, 653213.	2.8	4
99	PUNCH: Population Characterization of Heterogeneity. NeuroImage, 2014, 98, 50-60.	4.2	3
100	On characterizing population commonalities and subject variations in brain networks. Medical Image Analysis, 2017, 38, 215-229.	11.6	3
101	Discovering Synchronized Subsets of Sequences: A Large Scale Solution. , 2020, 2020, 9490-9499.		3
102	A Prospective Evaluation of Infant Cerebellar-Cerebral Functional Connectivity in Relation to Behavioral Development in Autism Spectrum Disorder. Biological Psychiatry Global Open Science, 2023, 3, 149-161.	2.2	3
103	Examining the factor structure and discriminative utility of the Infant Behavior Questionnaireâ€“Revised in infant siblings of autistic children. Child Development, 2022, 93, 1398-1413.	3.0	3
104	A Novel Method for High-Dimensional Anatomical Mapping of Extra-Axial Cerebrospinal Fluid: Application to the Infant Brain. Frontiers in Neuroscience, 2020, 14, 561556.	2.8	2
105	Can Facial Pose and Expression Be Separated With Weak Perspective Camera?. , 2020, 2020, 7171-7180.		2
106	Reduced Fusiform Gyrus Activation During Face Processing in Pediatric Brain Tumor Survivors. Journal of the International Neuropsychological Society, 2022, 28, 937-946.	1.8	2
107	Combining Surface and Fiber Geometry: An Integrated Approach to Brain Morphology. Lecture Notes in Computer Science, 2013, 16, 50-57.	1.3	2
108	Computational Measurement of Motor Imitation and Imitative Learning Differences in Autism Spectrum Disorder. , 2021, , .		2

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109	Inequality-Constrained and Robust 3D Face Model Fitting. , 2020, 12354, 433-449.		0
110	Accuracy of Autism Screening in a Large Pediatric Network. , 2020, , 101-112.		0
111	Title is missing!. , 2021, 16, e0245064.		0
112	Title is missing!. , 2021, 16, e0245064.		0
113	Title is missing!. , 2021, 16, e0245064.		0
114	Title is missing!. , 2021, 16, e0245064.		0
115	Title is missing!. , 2021, 16, e0245064.		0
116	Title is missing!. , 2021, 16, e0245064.		0