

# Evdokia Anagnostou

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

4,542  
citations

147566

31  
h-index

138251

58  
g-index

124  
all docs

124  
docs citations

124  
times ranked

6391  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2018, 175, 359-369.	4.0	356
2	The Lancet Commission on the future of care and clinical research in autism. <i>Lancet, The</i> , 2022, 399, 271-334.	6.3	303
3	Intranasal oxytocin versus placebo in the treatment of adults with autism spectrum disorders: a randomized controlled trial. <i>Molecular Autism</i> , 2012, 3, 16.	2.6	293
4	Mostly worse, occasionally better: impact of COVID-19 pandemic on the mental health of Canadian children and adolescents. <i>European Child and Adolescent Psychiatry</i> , 2022, 31, 671-684.	2.8	255
5	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019, 10, 4958.	5.8	167
6	Measuring social communication behaviors as a treatment endpoint in individuals with autism spectrum disorder. <i>Autism</i> , 2015, 19, 622-636.	2.4	165
7	Genome-wide detection of tandem DNA repeats that are expanded in autism. <i>Nature</i> , 2020, 586, 80-86.	13.7	155
8	Oxytocin and vasopressin: linking pituitary neuropeptides and their receptors to social neurocircuits. <i>Frontiers in Neuroscience</i> , 2015, 9, 335.	1.4	150
9	Regulation of autism-relevant behaviors by cerebellar-prefrontal cortical circuits. <i>Nature Neuroscience</i> , 2020, 23, 1102-1110.	7.1	149
10	Large-scale analyses of the relationship between sex, age and intelligence quotient heterogeneity and cortical morphometry in autism spectrum disorder. <i>Molecular Psychiatry</i> , 2020, 25, 614-628.	4.1	141
11	A Diffusion Tensor Imaging Study in Children With ADHD, Autism Spectrum Disorder, OCD, and Matched Controls: Distinct and Non-Distinct White Matter Disruption and Dimensional Brain-Behavior Relationships. <i>American Journal of Psychiatry</i> , 2016, 173, 1213-1222.	4.0	124
12	A large data resource of genomic copy number variation across neurodevelopmental disorders. <i>Npj Genomic Medicine</i> , 2019, 4, 26.	1.7	118
13	Evidence-based support for autistic people across the lifespan: maximising potential, minimising barriers, and optimising the person-environment fit. <i>Lancet Neurology, The</i> , 2020, 19, 434-451.	4.9	115
14	A randomized, placebo controlled trial of omega-3 fatty acids in the treatment of young children with autism. <i>Molecular Autism</i> , 2015, 6, 18.	2.6	94
15	Metformin for Treatment of Overweight Induced by Atypical Antipsychotic Medication in Young People With Autism Spectrum Disorder. <i>JAMA Psychiatry</i> , 2016, 73, 928.	6.0	94
16	Examining overlap and homogeneity in ASD, ADHD, and OCD: a data-driven, diagnosis-agnostic approach. <i>Translational Psychiatry</i> , 2019, 9, 318.	2.4	86
17	Neural Correlates of Familiarity in Music Listening: A Systematic Review and a Neuroimaging Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2018, 12, 686.	1.4	64
18	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. <i>Human Brain Mapping</i> , 2022, 43, 37-55.	1.9	61

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19	Neural mechanisms of inhibitory control continue to mature in adolescence. <i>Developmental Cognitive Neuroscience</i> , 2014, 10, 129-139.	1.9	60
20	Prevalence of externalizing disorders and Autism Spectrum Disorders among children with Fetal Alcohol Spectrum Disorder: systematic review and meta-analysis. <i>Biochemistry and Cell Biology</i> , 2018, 96, 241-251.	0.9	54
21	Systematic review of clinical guidance documents for autism spectrum disorder diagnostic assessment in select regions. <i>Autism</i> , 2018, 22, 517-527.	2.4	54
22	Structural Gray Matter Differences During Childhood Development in Autism Spectrum Disorder: A Multimetric Approach. <i>Pediatric Neurology</i> , 2015, 53, 350-359.	1.0	53
23	Screen Use and Mental Health Symptoms in Canadian Children and Youth During the COVID-19 Pandemic. <i>JAMA Network Open</i> , 2021, 4, e2140875.	2.8	52
24	Clinical trials in autism spectrum disorder: evidence, challenges and future directions. <i>Current Opinion in Neurology</i> , 2018, 31, 119-125.	1.8	47
25	Practice patterns and determinants of wait time for autism spectrum disorder diagnosis in Canada. <i>Molecular Autism</i> , 2018, 9, 16.	2.6	46
26	The 5-HT 2A receptor and serotonin transporter in Asperger's Disorder: A PET study with [ 11 C]MDL 100907 and [ 11 C]DASB. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 230-234.	0.9	41
27	A Randomized, Placebo-Controlled Trial of Metformin for the Treatment of Overweight Induced by Antipsychotic Medication in Young People With Autism Spectrum Disorder: Open-Label Extension. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 849-856.e6.	0.3	39
28	Metabolic mapping of deep brain structures and associations with symptomatology in autism spectrum disorders. <i>Research in Autism Spectrum Disorders</i> , 2014, 8, 44-51.	0.8	37
29	Developmental changes in neuromagnetic rhythms and network synchrony in autism. <i>Annals of Neurology</i> , 2017, 81, 199-211.	2.8	35
30	Practitioner Review: Pharmacological treatment of attention-deficit/hyperactivity disorder symptoms in children and youth with autism spectrum disorder: a systematic review and meta-analysis. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 680-700.	3.1	35
31	Multisite Comparison of MRI Defacing Software Across Multiple Cohorts. <i>Frontiers in Psychiatry</i> , 2021, 12, 617997.	1.3	32
32	Sex Differences in Age of Diagnosis and First Concern among Children with Autism Spectrum Disorder. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2021, 50, 645-655.	2.2	31
33	Inattention and hyperactive/impulsive component scores do not differentiate between autism spectrum disorder and attention-deficit/hyperactivity disorder in a clinical sample. <i>Molecular Autism</i> , 2020, 11, 28.	2.6	31
34	Drug development for Autism Spectrum Disorder (ASD): Progress, challenges, and future directions. <i>European Neuropsychopharmacology</i> , 2021, 48, 3-31.	0.3	30
35	Altered cingulum bundle microstructure in autism spectrum disorder. <i>Acta Neuropsychiatrica</i> , 2013, 25, 275-282.	1.0	27
36	A pilot dose finding study of pioglitazone in autistic children. <i>Molecular Autism</i> , 2018, 9, 59.	2.6	27

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37	DNA Methylation of the Oxytocin Receptor Across Neurodevelopmental Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 3610-3623.	1.7	26
38	Medical treatment overview. <i>Current Opinion in Pediatrics</i> , 2011, 23, 621-627.	1.0	25
39	Physical activity participation among adolescents with autism spectrum disorder. <i>Autism</i> , 2021, 25, 613-626.	2.4	25
40	Subtly altered topological asymmetry of brain structural covariance networks in autism spectrum disorder across 43 datasets from the ENIGMA consortium. <i>Molecular Psychiatry</i> , 2022, 27, 2114-2125.	4.1	25
41	Sex Differences in Social Adaptive Function in Autism Spectrum Disorder and Attention-Deficit Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 607.	1.3	24
42	Sex/gender differences in the human autistic brains: A systematic review of 20 years of neuroimaging research. <i>NeuroImage: Clinical</i> , 2021, 32, 102811.	1.4	24
43	Is inhibitory control a "no-go"™ in adolescents with autism spectrum disorder?. <i>Molecular Autism</i> , 2014, 5, 6.	2.6	23
44	Auditory Pitch Perception in Autism Spectrum Disorder Is Associated With Nonverbal Abilities. <i>Perception</i> , 2017, 46, 1298-1320.	0.5	21
45	Fetal alcohol spectrum disorder: neurodevelopmentally and behaviorally indistinguishable from other neurodevelopmental disorders. <i>BMC Psychiatry</i> , 2019, 19, 322.	1.1	21
46	Efficacy and safety of balovaptan for socialisation and communication difficulties in autistic adults in North America and Europe: a phase 3, randomised, placebo-controlled trial. <i>Lancet Psychiatry</i> , 2022, 9, 199-210.	3.7	21
47	Factor Analysis of Repetitive Behaviors in Autism as Measured by the Y-BOCS. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2011, 23, 332-339.	0.9	20
48	Language Ability Predicts Cortical Structure and Covariance in Boys with Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2017, 27, bhw024.	1.6	20
49	Weighty Conversations: Caregivers', Children's, and Clinicians' Perspectives and Experiences of Discussing Weight-Related Topics in Healthcare Consultations. <i>Autism Research</i> , 2018, 11, 1500-1510.	2.1	20
50	Haploinsufficiency in the ANKS1B gene encoding AIDA-1 leads to a neurodevelopmental syndrome. <i>Nature Communications</i> , 2019, 10, 3529.	5.8	20
51	Exploring sensory phenotypes in autism spectrum disorder. <i>Molecular Autism</i> , 2021, 12, 67.	2.6	20
52	Do you know what I'm thinking? Temporal and spatial brain activity during a theory-of-mind task in children with autism. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 139-147.	1.9	19
53	Factor Structure of Repetitive Behaviors Across Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 3391-3400.	1.7	19
54	Novel treatments for autism spectrum disorder based on genomics and systems biology. , 2022, 230, 107939.		19

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55	Concurrent Validity of the ABAS-II Questionnaire with the Vineland II Interview for Adaptive Behavior in a Pediatric ASD Sample: High Correspondence Despite Systematically Lower Scores. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 1417-1427.	1.7	17
56	Sleep phenotype of individuals with autism spectrum disorder bearing mutations in the <i>PER2</i> circadian rhythm gene. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 1120-1130.	0.7	17
57	An Exploratory Analysis of Predictors of Youth Suicide-Related Behaviors in Autism Spectrum Disorder: Implications for Prevention Science. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 3531-3544.	1.7	16
58	Identifying Children and Youth With Autism Spectrum Disorder in Electronic Medical Records: Examining Health System Utilization and Comorbidities. <i>Autism Research</i> , 2021, 14, 400-410.	2.1	16
59	Effects of Age and Attention on Auditory Global–Local Processing in Children with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 1415-1428.	1.7	15
60	Mental flexibility: An MEG investigation in typically developing children. <i>Brain and Cognition</i> , 2018, 120, 58-66.	0.8	15
61	Pitch direction ability predicts melodic perception in autism. <i>Child Neuropsychology</i> , 2019, 25, 445-465.	0.8	15
62	Beyond diagnosis: Cross-diagnostic features in canonical resting-state networks in children with neurodevelopmental disorders. <i>NeuroImage: Clinical</i> , 2020, 28, 102476.	1.4	14
63	Examining the Boundary Sharpness Coefficient as an Index of Cortical Microstructure in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2021, 31, 3338-3352.	1.6	14
64	Characterizing Changes in Screen Time During the COVID-19 Pandemic School Closures in Canada and Its Perceived Impact on Children With Autism Spectrum Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 702774.	1.3	14
65	Cortical Gyrfication Morphology in Individuals with ASD and ADHD across the Lifespan: A Systematic Review and Meta-Analysis. <i>Cerebral Cortex</i> , 2021, 31, 2653-2669.	1.6	14
66	Prevalence of Creatine Deficiency Syndromes in Children With Nonsyndromic Autism. <i>Pediatrics</i> , 2016, 137, .	1.0	13
67	Emotional face processing in autism spectrum disorder: Effects in gamma connectivity. <i>Biological Psychology</i> , 2020, 149, 107774.	1.1	13
68	Characterizing the ASD–ADHD phenotype: measurement structure and invariance in a clinical sample. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 1534-1543.	3.1	13
69	Hyperbaric oxygen therapy for the treatment of children and youth with Autism Spectrum Disorders: An evidence-based systematic review. <i>Research in Autism Spectrum Disorders</i> , 2016, 29-30, 1-7.	0.8	12
70	Magnetoencephalographic (MEG) brain activity during a mental flexibility task suggests some shared neurobiology in children with neurodevelopmental disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2019, 11, 19.	1.5	12
71	Effectiveness of a modified group cognitive behavioral therapy program for anxiety in children with ASD delivered in a community context. <i>Molecular Autism</i> , 2020, 11, 34.	2.6	12
72	Social Communication is an Emerging Target for Pharmacotherapy in Autism Spectrum Disorder - A Review of the Literature on Potential Agents. <i>Journal of the Canadian Academy of Child and Adolescent Psychiatry</i> , 2014, 23, 20-30.	0.7	12

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73	Meta-Analysis of Sex Differences in Social and Communication Function in Children With Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 804.	1.3	11
74	“Girls don’t have big tummies”: The experiences of weight-related discussions for children with autism spectrum disorders. <i>Autism</i> , 2019, 23, 1096-1105.	2.4	11
75	Vulnerability pathways to mental health outcomes in children and parents during COVID-19. <i>Current Psychology</i> , 2023, 42, 17348-17358.	1.7	11
76	Characterizing Inscares and resting-state in MEG: Effects in typical and atypical development. <i>NeuroImage</i> , 2021, 225, 117524.	2.1	10
77	Intestinal permeability correlates with behavioural severity in very young children with ASD: A preliminary study. <i>Journal of Neuroimmunology</i> , 2021, 357, 577607.	1.1	10
78	Large multicenter randomized trials in autism: key insights gained from the balovaptan clinical development program. <i>Molecular Autism</i> , 2022, 13, .	2.6	10
79	Assessing the validity of administrative health data for the identification of children and youth with autism spectrum disorder in Ontario. <i>Autism Research</i> , 2021, 14, 1037-1045.	2.1	9
80	Cross-Diagnosis Structural Correlates of Autistic-Like Social Communication Differences. <i>Cerebral Cortex</i> , 2021, 31, 5067-5076.	1.6	9
81	A recurrent SHANK3 frameshift variant in Autism Spectrum Disorder. <i>Npj Genomic Medicine</i> , 2021, 6, 91.	1.7	9
82	Changing Faces: Dynamic Emotional Face Processing in Autism Spectrum Disorder Across Childhood and Adulthood. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 825-836.	1.1	8
83	Quantitative and Qualitative Sex Modulations in the Brain Anatomy of Autism. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 898-909.	1.1	8
84	Frontoparietal Network Connectivity During an N-Back Task in Adults With Autism Spectrum Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 551808.	1.3	7
85	A Phase II Randomized, Double-Blind, Placebo-Controlled Study of the Efficacy, Safety, and Tolerability of Arbaclofen Administered for the Treatment of Social Function in Children and Adolescents With Autism Spectrum Disorders: Study Protocol for AIMS-2-TRIALS-CT1. <i>Frontiers in Psychiatry</i> , 2021, 12, 701729.	1.3	7
86	Altered Connectivity During a False-Belief Task in Adults With Autism Spectrum Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 901-912.	1.1	6
87	Brain and Language Associations in Autism Spectrum Disorder: A Scoping Review. <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 725-737.	1.7	6
88	Genetic mouse models of autism spectrum disorder present subtle heterogenous cardiac abnormalities. <i>Autism Research</i> , 2022, 15, 1189-1208.	2.1	6
89	Mental health profiles of autistic children and youth during the COVID-19 pandemic. <i>Paediatrics and Child Health</i> , 2022, 27, S59-S65.	0.3	6
90	Mutations in <i>trp<sup>13</sup></i> , the homologue of TRPC6 autism candidate gene, causes autism-like behavioral deficits in <i>Drosophila</i> . <i>Molecular Psychiatry</i> , 2022, 27, 3328-3342.	4.1	6

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91	Environmental scan of Canadian and UK policies for autism spectrum disorder diagnostic assessment. <i>Paediatrics and Child Health</i> , 2019, 24, e125-e134.	0.3	5
92	An Epigenetically Distinct Subset of Children With Autism Spectrum Disorder Resulting From Differences in Blood Cell Composition. <i>Frontiers in Neurology</i> , 2021, 12, 612817.	1.1	5
93	Rigor in science and science reporting: updated guidelines for submissions to <i>Molecular Autism</i> . <i>Molecular Autism</i> , 2019, 10, 6.	2.6	4
94	Brief Report: Parent Perspectives on Sensory-Based Interventions for Children with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 2109-2114.	1.7	4
95	Examining the effect of a wearable, anxiety detection technology on improving the awareness of anxiety signs in autism spectrum disorder: a pilot randomized controlled trial. <i>Molecular Autism</i> , 2021, 12, 72.	2.6	4
96	Clinical validation of the parent-report Toronto Obsessive-Compulsive Scale (TOCS): A pediatric open-source rating scale. <i>JCPP Advances</i> , 2021, 1, e12056.	1.4	4
97	Novel mechanisms and treatment approaches in autism spectrum disorder. <i>Discovery Medicine</i> , 2016, 22, 47-54.	0.5	4
98	Shared and Distinct Patterns of Functional Connectivity to Emotional Faces in Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder Children. <i>Frontiers in Psychology</i> , 2022, 13, 826527.	1.1	4
99	Examining the effect of chronic intranasal oxytocin administration on the neuroanatomy and behavior of three autism-related mouse models. <i>NeuroImage</i> , 2022, 257, 119243.	2.1	4
100	Procedural Sequence Learning in Attention Deficit Hyperactivity Disorder: A Meta-Analysis. <i>Frontiers in Psychology</i> , 2020, 11, 560064.	1.1	3
101	Greater cortical thickness in individuals with ASD. <i>Molecular Psychiatry</i> , 2020, 25, 507-508.	4.1	3
102	Investigating sensory response to physical discomfort in children with autism spectrum disorder using near-infrared spectroscopy. <i>PLoS ONE</i> , 2021, 16, e0257029.	1.1	3
103	Cortico-amygdalar connectivity and externalizing/internalizing behavior in children with neurodevelopmental disorders. <i>Brain Structure and Function</i> , 2022, 227, 1963-1979.	1.2	3
104	Liquid Fluoxetine versus Placebo for Repetitive Behaviors in Childhood Autism. <i>Progress in Neurotherapeutics and Neuropsychopharmacology</i> , 2006, 1, 105-113.	0.0	2
105	Exploring the Neural Structures Underlying the Procedural Memory Network as Predictors of Language Ability in Children and Adolescents With Autism Spectrum Disorder and Attention Deficit Hyperactivity Disorder. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 587019.	1.0	2
106	Cortical Gyrfication Morphology in ASD and ADHD: Implication for Further Similarities or Disorder-Specific Features?. <i>Cerebral Cortex</i> , 2022, 32, 2332-2342.	1.6	2
107	Magnetic Resonance Imaging Sequence Identification Using a Metadata Learning Approach. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 622951.	1.3	2
108	Latent Structure of Combined Autistic and ADHD Symptoms in Clinical and General Population Samples: A Scoping Review. <i>Frontiers in Psychiatry</i> , 2021, 12, 654120.	1.3	2

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109	Atypical Functional Connectivity During Unfamiliar Music Listening in Children With Autism. <i>Frontiers in Neuroscience</i> , 2022, 16, 829415.	1.4	2
110	Liquid fluoxetine versus placebo for repetitive behaviors in childhood autism. , 0, , 105-114.		1
111	ISDN2014_0317: Auditory cortical structure predicts superior pitch processing in children with autism. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 96-97.	0.7	1
112	Citalopram Did Not Significantly Improve Anxiety in Children with Autism Spectrum Disorder Undergoing Treatment for Core Symptoms: Secondary Analysis of a Trial to Reduce Repetitive Behaviors. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2022, 32, 233-241.	0.7	1
113	ISDN2014_0401: Atypical thalamo-cortical resting-state connectivity is correlated with repetitive behaviours in autism spectrum disorder. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 120-120.	0.7	0
114	ISDN2014_0248: Neuroanatomical correlates of auditory-motor synchronization in children with autism. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 74-74.	0.7	0
115	Dr. Handen et al. Reply. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 793-795.	0.3	0
116	Future Directions in Psychopharmacology of Autism Spectrum Disorder. , 2014, , 473-495.		0