

# 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	Vulnerability pathways to mental health outcomes in children and parents during COVID-19. <i>Current Psychology</i> , 2023, 42, 17348-17358.	1.7	11
2	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <sc>ENIGMA</sc> adventure. <i>Human Brain Mapping</i> , 2022, 43, 37-55.	1.9	61
3	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
4	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
5	Novel treatments for autism spectrum disorder based on genomics and systems biology. , 2022, 230, 107939.		19
6	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
7	The Lancet Commission on the future of care and clinical research in autism. <i>Lancet, The</i> , 2022, 399, 271-334.	6.3	303
8	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> , the, 2022, 9, 199-210.	3.7	21
9	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
10	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
11	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
12	Genetic mouse models of autism spectrum disorder present subtle heterogenous cardiac abnormalities. <i>Autism Research</i> , 2022, 15, 1189-1208.	2.1	6
13	Atypical Functional Connectivity During Unfamiliar Music Listening in Children With Autism. <i>Frontiers in Neuroscience</i> , 2022, 16, 829415.	1.4	2
14	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
15	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
16	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
17	Mutations in <i>trp1<sup>3</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
18	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

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19	Large multicenter randomized trials in autism: key insights gained from the balovaptan clinical development program. <i>Molecular Autism</i> , 2022, 13, .	2.6	10
20	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
21	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
22	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
23	Characterizing Inscapes and resting-state in MEG: Effects in typical and atypical development. <i>NeuroImage</i> , 2021, 225, 117524.	2.1	10
24	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
25	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
26	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
27	Physical activity participation among adolescents with autism spectrum disorder. <i>Autism</i> , 2021, 25, 613-626.	2.4	25
28	Practitioner Review: Pharmacological treatment of attentionâ€deficit/hyperactivity disorder symptoms in children and youth with autism spectrum disorder: a systematic review and metaâ€analysis. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 680-700.	3.1	35
29	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
30	DNA Methylation of the Oxytocin Receptor Across Neurodevelopmental Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2021, 51, 3610-3623.	1.7	26
31	Multisite Comparison of MRI Defacing Software Across Multiple Cohorts. <i>Frontiers in Psychiatry</i> , 2021, 12, 617997.	1.3	32
32	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
33	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
34	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
35	Cross-Diagnosis Structural Correlates of Autistic-Like Social Communication Differences. <i>Cerebral Cortex</i> , 2021, 31, 5067-5076.	1.6	9
36	Drug development for Autism Spectrum Disorder (ASD): Progress, challenges, and future directions. <i>European Neuropsychopharmacology</i> , 2021, 48, 3-31.	0.3	30

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	Exploring sensory phenotypes in autism spectrum disorder. <i>Molecular Autism</i> , 2021, 12, 67.	2.6	20
45	A recurrent SHANK3 frameshift variant in Autism Spectrum Disorder. <i>Npj Genomic Medicine</i> , 2021, 6, 91.	1.7	9
46	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
47	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
48	Magnetic Resonance Imaging Sequence Identification Using a Metadata Learning Approach. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 622951.	1.3	2
49	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
50	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
51	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
52	Emotional face processing in autism spectrum disorder: Effects in gamma connectivity. <i>Biological Psychology</i> , 2020, 149, 107774.	1.1	13
53	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
54	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

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55	Regulation of autism-relevant behaviors by cerebellarâ€“prefrontal cortical circuits. <i>Nature Neuroscience</i> , 2020, 23, 1102-1110.	7.1	149
56	Procedural Sequence Learning in Attention Deficit Hyperactivity Disorder: A Meta-Analysis. <i>Frontiers in Psychology</i> , 2020, 11, 560064.	1.1	3
57	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
58	Genome-wide detection of tandem DNA repeats that are expanded in autism. <i>Nature</i> , 2020, 586, 80-86.	13.7	155
59	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
60	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
61	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
62	Evidence-based support for autistic people across the lifespan: maximising potential, minimising barriers, and optimising the personâ€“environment fit. <i>Lancet Neurology</i> , The, 2020, 19, 434-451.	4.9	115
63	Greater cortical thickness in individuals with ASD. <i>Molecular Psychiatry</i> , 2020, 25, 507-508.	4.1	3
64	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
65	Pitch direction ability predicts melodic perception in autism. <i>Child Neuropsychology</i> , 2019, 25, 445-465.	0.8	15
66	Haploinsufficiency in the ANKS1B gene encoding AIDA-1 leads to a neurodevelopmental syndrome. <i>Nature Communications</i> , 2019, 10, 3529.	5.8	20
67	A large data resource of genomic copy number variation across neurodevelopmental disorders. <i>Npj Genomic Medicine</i> , 2019, 4, 26.	1.7	118
68	Fetal alcohol spectrum disorder: neurodevelopmentally and behaviorally indistinguishable from other neurodevelopmental disorders. <i>BMC Psychiatry</i> , 2019, 19, 322.	1.1	21
69	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019, 10, 4958.	5.8	167
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	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
72	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

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73	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
74	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
75	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
76	“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
77	Clinical trials in autism spectrum disorder: evidence, challenges and future directions. <i>Current Opinion in Neurology</i> , 2018, 31, 119-125.	1.8	47
78	Practice patterns and determinants of wait time for autism spectrum disorder diagnosis in Canada. <i>Molecular Autism</i> , 2018, 9, 16.	2.6	46
79	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
80	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
81	Mental flexibility: An MEG investigation in typically developing children. <i>Brain and Cognition</i> , 2018, 120, 58-66.	0.8	15
82	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
83	A pilot dose finding study of pioglitazone in autistic children. <i>Molecular Autism</i> , 2018, 9, 59.	2.6	27
84	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
85	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
86	Dr. Handen et al. Reply. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018, 57, 793-795.	0.3	0
87	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
88	Language Ability Predicts Cortical Structure and Covariance in Boys with Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2017, 27, bhw024.	1.6	20
89	Developmental changes in neuromagnetic rhythms and network synchrony in autism. <i>Annals of Neurology</i> , 2017, 81, 199-211.	2.8	35
90	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

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91	Auditory Pitch Perception in Autism Spectrum Disorder Is Associated With Nonverbal Abilities. Perception, 2017, 46, 1298-1320.	0.5	21
92	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. American Journal of Psychiatry, 2016, 173, 1213-1222.	4.0	124
93	Metformin for Treatment of Overweight Induced by Atypical Antipsychotic Medication in Young People With Autism Spectrum Disorder. JAMA Psychiatry, 2016, 73, 928.	6.0	94
94	Hyperbaric oxygen therapy for the treatment of children and youth with Autism Spectrum Disorders: An evidence-based systematic review. Research in Autism Spectrum Disorders, 2016, 29-30, 1-7.	0.8	12
95	Effects of Age and Attention on Auditory Globalâ€œLocal Processing in Children with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2016, 46, 1415-1428.	1.7	15
96	Prevalence of Creatine Deficiency Syndromes in Children With Nonsyndromic Autism. Pediatrics, 2016, 137, .	1.0	13
97	Novel mechanisms and treatment approaches in autism spectrum disorder. Discovery Medicine, 2016, 22, 47-54.	0.5	4
98	ISDN2014_0401: Atypical thalamoâ€œcortical restingâ€œstate connectivity is correlated with repetitive behaviours in autism spectrum disorder. International Journal of Developmental Neuroscience, 2015, 47, 120-120.	0.7	0
99	ISDN2014_0317: Auditory cortical structure predicts superior pitch processing in children with autism. International Journal of Developmental Neuroscience, 2015, 47, 96-97.	0.7	1
100	Oxytocin and vasopressin: linking pituitary neuropeptides and their receptors to social neurocircuits. Frontiers in Neuroscience, 2015, 9, 335.	1.4	150
101	Measuring social communication behaviors as a treatment endpoint in individuals with autism spectrum disorder. Autism, 2015, 19, 622-636.	2.4	165
102	Structural Gray Matter Differences During Childhood Development in Autism Spectrum Disorder: A Multimetric Approach. Pediatric Neurology, 2015, 53, 350-359.	1.0	53
103	A randomized, placebo controlled trial of omega-3 fatty acids in the treatment of young children with autism. Molecular Autism, 2015, 6, 18.	2.6	94
104	ISDN2014_0248: Neuroanatomical correlates of auditoryâ€œmotor synchronization in children with autism. International Journal of Developmental Neuroscience, 2015, 47, 74-74.	0.7	0
105	Neural mechanisms of inhibitory control continue to mature in adolescence. Developmental Cognitive Neuroscience, 2014, 10, 129-139.	1.9	60
106	Is inhibitory control a â€œno-goâ€œ™ in adolescents with autism spectrum disorder?. Molecular Autism, 2014, 5, 6.	2.6	23
107	Metabolic mapping of deep brain structures and associations with symptomatology in autism spectrum disorders. Research in Autism Spectrum Disorders, 2014, 8, 44-51.	0.8	37
108	Future Directions in Psychopharmacology of Autism Spectrum Disorder. , 2014, , 473-495.		0

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109	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
110	Altered cingulum bundle microstructure in autism spectrum disorder. <i>Acta Neuropsychiatrica</i> , 2013, 25, 275-282.	1.0	27
111	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
112	Medical treatment overview. <i>Current Opinion in Pediatrics</i> , 2011, 23, 621-627.	1.0	25
113	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
114	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
115	Liquid Fluoxetine versus Placebo for Repetitive Behaviors in Childhood Autism. <i>Progress in Neurotherapeutics and Neuropsychopharmacology</i> , 2006, 1, 105-113.	0.0	2
116	Liquid fluoxetine versus placebo for repetitive behaviors in childhood autism. , 0, , 105-114.		1