

# Clodagh M Murphy

## List of Publications by Year in descending order

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86  
papers

7,514  
citations

50276

46  
h-index

58581

82  
g-index

92  
all docs

92  
docs citations

92  
times ranked

10029  
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical Guidelines for Managing Patients with 22q11.2 Deletion Syndrome. <i>Journal of Pediatrics</i> , 2011, 159, 332-339.e1.	1.8	481
2	Describing the Brain in Autism in Five Dimensionsâ€”Magnetic Resonance Imaging-Assisted Diagnosis of Autism Spectrum Disorder Using a Multiparameter Classification Approach. <i>Journal of Neuroscience</i> , 2010, 30, 10612-10623.	3.6	369
3	Investigating the predictive value of whole-brain structural MR scans in autism: A pattern classification approach. <i>NeuroImage</i> , 2010, 49, 44-56.	4.2	361
4	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.	7.2	356
5	Atypical neural self-representation in autism. <i>Brain</i> , 2010, 133, 611-624.	7.6	313
6	Biological sex affects the neurobiology of autism. <i>Brain</i> , 2013, 136, 2799-2815.	7.6	239
7	Disorder-specific functional abnormalities during sustained attention in youth with Attention Deficit Hyperactivity Disorder (ADHD) and with Autism. <i>Molecular Psychiatry</i> , 2013, 18, 236-244.	7.9	235
8	Specialization of right temporo-parietal junction for mentalizing and its relation to social impairments in autism. <i>NeuroImage</i> , 2011, 56, 1832-1838.	4.2	225
9	Fronto-striatal circuitry and inhibitory control in autism: Findings from diffusion tensor imaging tractography. <i>Cortex</i> , 2012, 48, 183-193.	2.4	208
10	Brain Surface Anatomy in Adults With Autism. <i>JAMA Psychiatry</i> , 2013, 70, 59.	11.0	199
11	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019, 10, 4958.	12.8	167
12	Autism spectrum disorder in adults: diagnosis, management, and health services development. <i>Neuropsychiatric Disease and Treatment</i> , 2016, Volume 12, 1669-1686.	2.2	163
13	The anatomy of extended limbic pathways in Asperger syndrome: A preliminary diffusion tensor imaging tractography study. <i>NeuroImage</i> , 2009, 47, 427-434.	4.2	161
14	Cortical Anatomy in Autism Spectrum Disorder: An In Vivo MRI Study on the Effect of Age. <i>Cerebral Cortex</i> , 2010, 20, 1332-1340.	2.9	151
15	Cognition in Males and Females with Autism: Similarities and Differences. <i>PLoS ONE</i> , 2012, 7, e47198.	2.5	147
16	A Shift to Randomness of Brain Oscillations in People with Autism. <i>Biological Psychiatry</i> , 2010, 68, 1092-1099.	1.3	145
17	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
18	Predicting the diagnosis of autism in adults using the Autism-Spectrum Quotient (AQ) questionnaire. <i>Psychological Medicine</i> , 2016, 46, 2595-2604.	4.5	133

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19	Large-scale mapping of cortical alterations in 22q11.2 deletion syndrome: Convergence with idiopathic psychosis and effects of deletion size. <i>Molecular Psychiatry</i> , 2020, 25, 1822-1834.	7.9	122
20	White matter microstructural abnormalities in the frontal lobe of adults with antisocial personality disorder. <i>Cortex</i> , 2012, 48, 216-229.	2.4	121
21	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> , 2020, 177, 834-843.	7.2	120
22	Clinical and anatomical heterogeneity in autistic spectrum disorder: a structural MRI study. <i>Psychological Medicine</i> , 2010, 40, 1171-1181.	4.5	107
23	Shifting brain inhibitory balance and connectivity of the prefrontal cortex of adults with autism spectrum disorder. <i>Translational Psychiatry</i> , 2017, 7, e1137-e1137.	4.8	101
24	Intrinsic gray-matter connectivity of the brain in adults with autism spectrum disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13222-13227.	7.1	99
25	The mental health of individuals referred for assessment of autism spectrum disorder in adulthood: A clinic report. <i>Autism</i> , 2016, 20, 623-627.	4.1	93
26	Using common genetic variation to examine phenotypic expression and risk prediction in 22q11.2 deletion syndrome. <i>Nature Medicine</i> , 2020, 26, 1912-1918.	30.7	90
27	The Neuropsychology of Male Adults With High-Functioning Autism or Asperger Syndrome. <i>Autism Research</i> , 2014, 7, 568-581.	3.8	89
28	Disorder-specific functional abnormalities during temporal discounting in youth with Attention Deficit Hyperactivity Disorder (ADHD), Autism and comorbid ADHD and Autism. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 113-120.	1.8	87
29	Does sex influence the diagnostic evaluation of autism spectrum disorder in adults?. <i>Autism</i> , 2016, 20, 808-819.	4.1	87
30	Genetic contributors to risk of schizophrenia in the presence of a 22q11.2 deletion. <i>Molecular Psychiatry</i> , 2021, 26, 4496-4510.	7.9	87
31	Avoiding the 'twilight zone': recommendations for the transition of services from adolescence to adulthood for young people with ADHD. <i>BMC Psychiatry</i> , 2011, 11, 174.	2.6	82
32	Brain morphometry volume in autistic spectrum disorder: a magnetic resonance imaging study of adults. <i>Psychological Medicine</i> , 2009, 39, 337-346.	4.5	81
33	Rare Genome-Wide Copy Number Variation and Expression of Schizophrenia in 22q11.2 Deletion Syndrome. <i>American Journal of Psychiatry</i> , 2017, 174, 1054-1063.	7.2	77
34	Impaired Communication Between the Motor and Somatosensory Homunculus Is Associated With Poor Manual Dexterity in Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2017, 81, 211-219.	1.3	77
35	Comparison of ICD-10R, DSM-IV-TR and DSM-5 in an Adult Autism Spectrum Disorder Diagnostic Clinic. <i>Journal of Autism and Developmental Disorders</i> , 2013, 43, 2515-2525.	2.7	75
36	Relationship Between Cortical Gyrfication, White Matter Connectivity, and Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2016, 26, 3297-3309.	2.9	75

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37	Women with autistic-spectrum disorder: magnetic resonance imaging study of brain anatomy. <i>British Journal of Psychiatry</i> , 2007, 191, 224-228.	2.8	68
38	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.	3.6	61
39	Guidance for identification and treatment of individuals with attention deficit/hyperactivity disorder and autism spectrum disorder based upon expert consensus. <i>BMC Medicine</i> , 2020, 18, 146.	5.5	61
40	White-matter relaxation time and myelin water fraction differences in young adults with autism. <i>Psychological Medicine</i> , 2015, 45, 795-805.	4.5	60
41	Unsupervised data-driven stratification of mentalizing heterogeneity in autism. <i>Scientific Reports</i> , 2016, 6, 35333.	3.3	60
42	The effect of age, diagnosis, and their interaction on vertex-based measures of cortical thickness and surface area in autism spectrum disorder. <i>Journal of Neural Transmission</i> , 2014, 121, 1157-1170.	2.8	59
43	Inter-regional cortical thickness correlations are associated with autistic symptoms: A machine-learning approach. <i>Journal of Psychiatric Research</i> , 2013, 47, 453-459.	3.1	57
44	Abnormal Functional Activation and Maturation of Fronto-Striato-Temporal and Cerebellar Regions During Sustained Attention in Autism Spectrum Disorder. <i>American Journal of Psychiatry</i> , 2014, 171, 1107-1116.	7.2	57
45	Association Between the Probability of Autism Spectrum Disorder and Normative Sex-Related Phenotypic Diversity in Brain Structure. <i>JAMA Psychiatry</i> , 2017, 74, 329.	11.0	57
46	Mapping Subcortical Brain Alterations in 22q11.2 Deletion Syndrome: Effects of Deletion Size and Convergence With Idiopathic Neuropsychiatric Illness. <i>American Journal of Psychiatry</i> , 2020, 177, 589-600.	7.2	55
47	Individual differences in brain structure underpin empathizing&quot;systemizing cognitive styles in male adults. <i>NeuroImage</i> , 2012, 61, 1347-1354.	4.2	52
48	Understanding the pediatric psychiatric phenotype of 22q11.2 deletion syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2018, 176, 2182-2191.	1.2	51
49	Altered white matter microstructure in 22q11.2 deletion syndrome: a multisite diffusion tensor imaging study. <i>Molecular Psychiatry</i> , 2020, 25, 2818-2831.	7.9	50
50	Obsessive&quot;Compulsive Disorder in Adults with High&quot;Functioning Autism Spectrum Disorder: What Does Self&quot;Report with the OCI&quot;R Tell Us?. <i>Autism Research</i> , 2015, 8, 477-485.	3.8	49
51	Response inhibition and serotonin in autism: a functional MRI study using acute tryptophan depletion. <i>Brain</i> , 2014, 137, 2600-2610.	7.6	48
52	Serotonin and the Neural Processing of Facial Emotions in Adults With Autism. <i>Archives of General Psychiatry</i> , 2012, 69, 1003-13.	12.3	45
53	Neuroanatomy of Individual Differences in Language in Adult Males with Autism. <i>Cerebral Cortex</i> , 2015, 25, 3613-3628.	2.9	45
54	Complete Sequence of the 22q11.2 Allele in 1,053 Subjects with 22q11.2 Deletion Syndrome Reveals Modifiers of Conotruncal Heart Defects. <i>American Journal of Human Genetics</i> , 2020, 106, 26-40.	6.2	42

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55	In Vivo Evidence of Reduced Integrity of the Grayâ€“White Matter Boundary in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2017, 27, 877-887.	2.9	41
56	Anatomy and aging of the amygdala and hippocampus in autism spectrum disorder: an in vivo magnetic resonance imaging study of Asperger syndrome. <i>Autism Research</i> , 2012, 5, 3-12.	3.8	40
57	Attention Deficit Hyperactivity Disorder Symptoms in Adults with Autism Spectrum Disorders. <i>Autism Research</i> , 2013, 6, 225-236.	3.8	37
58	Shared and disorder-specific task-positive and default mode network dysfunctions during sustained attention in paediatric Attention-Deficit/Hyperactivity Disorder and obsessive/compulsive disorder. <i>NeuroImage: Clinical</i> , 2017, 15, 181-193.	2.7	36
59	Comparison of neural substrates of temporal discounting between youth with autism spectrum disorder and with obsessive-compulsive disorder. <i>Psychological Medicine</i> , 2017, 47, 2513-2527.	4.5	35
60	Sex differences in frontal lobe connectivity in adults with autism spectrum conditions. <i>Translational Psychiatry</i> , 2017, 7, e1090-e1090.	4.8	33
61	Variance of IQ is partially dependent on deletion type among 1,427 22q11.2 deletion syndrome subjects. <i>American Journal of Medical Genetics, Part A</i> , 2018, 176, 2172-2181.	1.2	33
62	PEMapper and PECaller provide a simplified approach to whole-genome sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1923-E1932.	7.1	31
63	Frontostriatal Dysfunction During Decision Making in Attention-Deficit/Hyperactivity Disorder and Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 694-703.	1.5	31
64	Shared and Disorder-Specific Neurocomputational Mechanisms of Decision-Making in Autism Spectrum Disorder and Obsessive-Compulsive Disorder. <i>Cerebral Cortex</i> , 2017, 27, 5804-5816.	2.9	29
65	Neural dysfunction during temporal discounting in paediatric Attention-Deficit/Hyperactivity Disorder and Obsessive-Compulsive Disorder. <i>Psychiatry Research - Neuroimaging</i> , 2017, 269, 97-105.	1.8	27
66	Microduplications at the pseudoautosomal<i>SHOX</i> locus in autism spectrum disorders and related neurodevelopmental conditions. <i>Journal of Medical Genetics</i> , 2016, 53, 536-547.	3.2	26
67	Abnormal functional activation and maturation of ventromedial prefrontal cortex and cerebellum during temporal discounting in autism spectrum disorder. <i>Human Brain Mapping</i> , 2017, 38, 5343-5355.	3.6	26
68	Decreased centrality of cortical volume covariance networks in autism spectrum disorders. <i>Journal of Psychiatric Research</i> , 2015, 69, 142-149.	3.1	25
69	FURTHER ANALYSIS OF THE RELATIONSHIP BETWEEN SELF-INJURY AND SELF-RESTRAINT. <i>Journal of Applied Behavior Analysis</i> , 1996, 29, 103-106.	2.7	22
70	Testing the â€“Extreme Female Brainâ€™ Theory of Psychosis in Adults with Autism Spectrum Disorder with or without Co-Morbid Psychosis. <i>PLoS ONE</i> , 2015, 10, e0128102.	2.5	20
71	Cortical and subcortical glutathione levels in adults with autism spectrum disorder. <i>Autism Research</i> , 2016, 9, 429-435.	3.8	19
72	Disorder-Specific and Shared Brain Abnormalities During Vigilance in Autism and Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 644-654.	1.5	19

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73	Relationship Between Surface-Based Brain Morphometric Measures and Intelligence in Autism Spectrum Disorders: Influence of History of Language Delay. <i>Autism Research</i> , 2015, 8, 556-566.	3.8	17
74	Age-related differences in white matter diffusion measures in autism spectrum condition. <i>Molecular Autism</i> , 2020, 11, 36.	4.9	17
75	Neural Correlates of Theory of Mind in Autism Spectrum Disorder, Attention-Deficit/Hyperactivity Disorder, and the Comorbid Condition. <i>Frontiers in Psychiatry</i> , 2020, 11, 544482.	2.6	16
76	Modulation of brain activation during executive functioning in autism with citalopram. <i>Translational Psychiatry</i> , 2019, 9, 286.	4.8	14
77	The effect of age on vertex-based measures of the grey-white matter tissue contrast in autism spectrum disorder. <i>Molecular Autism</i> , 2018, 9, 49.	4.9	13
78	Neural Correlates of Duration Discrimination in Young Adults with Autism Spectrum Disorder, Attention-Deficit/Hyperactivity Disorder and Their Comorbid Presentation. <i>Frontiers in Psychiatry</i> , 2018, 9, 569.	2.6	10
79	Prioritizing Genetic Contributors to Cortical Alterations in 22q11.2 Deletion Syndrome Using Imaging Transcriptomics. <i>Cerebral Cortex</i> , 2021, 31, 3285-3298.	2.9	10
80	Neuroanatomical underpinnings of autism symptomatology in carriers and non-carriers of the 22q11.2 microdeletion. <i>Molecular Autism</i> , 2020, 11, 46.	4.9	8
81	Serotonin differentially modulates the temporal dynamics of the limbic response to facial emotions in male adults with and without autism spectrum disorder (ASD): a randomised placebo-controlled single-dose crossover trial. <i>Neuropsychopharmacology</i> , 2020, 45, 2248-2256.	5.4	7
82	Modulation of atypical brain activation during executive functioning in autism: a pharmacological MRI study of tianeptine. <i>Molecular Autism</i> , 2021, 12, 14.	4.9	6
83	Differences in social brain function in autism spectrum disorder are linked to the serotonin transporter: A randomised placebo-controlled single-dose crossover trial. <i>Journal of Psychopharmacology</i> , 2022, 36, 723-731.	4.0	6
84	Adults with autism spectrum disorder and the criminal justice system: An investigation of prevalence of contact with the criminal justice system, risk factors and sex differences in a specialist assessment service. <i>Autism</i> , 2022, 26, 2098-2107.	4.1	5
85	Patterns of Cortical Folding Associated with Autistic Symptoms in Carriers and Noncarriers of the 22q11.2 Microdeletion. <i>Cerebral Cortex</i> , 2020, 30, 5281-5292.	2.9	3
86	929. Shared and Disorder-Specific Neural Dysfunction during Sustained Attention in Adolescent Attention-Deficit/Hyperactivity Disorder and Obsessive/compulsive Disorder. <i>Biological Psychiatry</i> , 2017, 81, S376.	1.3	0