Eileen M Daly

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The functional neuroanatomy of social behaviour. Brain, 2000, 123, 2203-2212.	7.6	732
2	Explicit and implicit neural mechanisms for processing of social information from facial expressions: A functional magnetic resonance imaging study. Human Brain Mapping, 2000, 9, 93-105.	3.6	450
3	Brain anatomy and sensorimotor gating in Asperger's syndrome. Brain, 2002, 125, 1594-1606.	7.6	394
4	Describing the Brain in Autism in Five Dimensions—Magnetic Resonance Imaging-Assisted Diagnosis of Autism Spectrum Disorder Using a Multiparameter Classification Approach. Journal of Neuroscience, 2010, 30, 10612-10623.	3.6	369
5	Investigating the predictive value of whole-brain structural MR scans in autism: A pattern classification approach. NeuroImage, 2010, 49, 44-56.	4.2	361
6	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. American Journal of Psychiatry, 2018, 175, 359-369.	7.2	356
7	Neural Correlates of Executive Function in Autistic Spectrum Disorders. Biological Psychiatry, 2006, 59, 7-16.	1.3	302
8	Altered cerebellar feedback projections in Asperger syndrome. NeuroImage, 2008, 41, 1184-1191.	4.2	259
9	Fronto-striatal circuitry and inhibitory control in autism: Findings from diffusion tensor imaging tractography. Cortex, 2012, 48, 183-193.	2.4	208
10	Brain Surface Anatomy in Adults With Autism. JAMA Psychiatry, 2013, 70, 59.	11.0	199
11	Volumes of Medial Temporal Lobe Structures in Patients with Alzheimer's Disease and Mild Cognitive Impairment (and in Healthy Controls). Biological Psychiatry, 1998, 43, 60-68.	1.3	192
12	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. Nature Communications, 2019, 10, 4958.	12.8	167
13	Gender Differences in White Matter Microstructure. PLoS ONE, 2012, 7, e38272.	2.5	167
14	Brain and behaviour in children with 22q11.2 deletion syndrome: a volumetric and voxel-based morphometry MRI study. Brain, 2006, 129, 1218-1228.	7.6	165
15	Autism spectrum disorder in adults: diagnosis, management, and health services development. Neuropsychiatric Disease and Treatment, 2016, Volume 12, 1669-1686.	2.2	163
16	The anatomy of extended limbic pathways in Asperger syndrome: A preliminary diffusion tensor imaging tractography study. NeuroImage, 2009, 47, 427-434.	4.2	161
17	Facial emotion processing in criminal psychopathy. British Journal of Psychiatry, 2006, 189, 533-539.	2.8	158
18	Structural brain abnormalities associated with deletion at chromosome 22q11. British Journal of Psychiatry, 2001, 178, 412-419.	2.8	156

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19	Cortical Serotonin 5-HT _{2A} Receptor Binding and Social Communication in Adults With Asperger's Syndrome: An in Vivo SPECT Study. American Journal of Psychiatry, 2006, 163, 934-936.	7.2	152
20	Cortical Anatomy in Autism Spectrum Disorder: An In Vivo MRI Study on the Effect of Age. Cerebral Cortex, 2010, 20, 1332-1340.	2.9	151
21	Neural correlates of reward in autism. British Journal of Psychiatry, 2008, 192, 19-24.	2.8	142
22	Brain Anatomy in Adults With Velocardiofacial Syndrome With and WithoutSchizophrenia. Archives of General Psychiatry, 2004, 61, 1085.	12.3	140
23	In Vivo ¹ H-Magnetic Resonance Spectroscopy Study of Amygdala-Hippocampal and Parietal Regions in Autism. American Journal of Psychiatry, 2006, 163, 2189-2192.	7.2	138
24	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	11.0	136
25	Asperger Syndrome. Archives of General Psychiatry, 2002, 59, 885.	12.3	134
26	Influence of X Chromosome and Hormones on Human Brain Development: A Magnetic Resonance Imaging and Proton Magnetic Resonance Spectroscopy Study of Turner Syndrome. Biological Psychiatry, 2006, 59, 273-283.	1.3	124
27	Large-scale mapping of cortical alterations in 22q11.2 deletion syndrome: Convergence with idiopathic psychosis and effects of deletion size. Molecular Psychiatry, 2020, 25, 1822-1834.	7.9	122
28	White matter microstructural abnormalities in the frontal lobe of adults with antisocial personality disorder. Cortex, 2012, 48, 216-229.	2.4	121
29	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. American Journal of Psychiatry, 2020, 177, 834-843.	7.2	120
30	A neuropsychological investigation of male premutation carriers of fragile X syndrome. Neuropsychologia, 2004, 42, 1934-1947.	1.6	119
31	In Vivo <char aid="99756086" id="sup"> 1</char> H-Magnetic Resonance Spectroscopy Study of Amygdala-Hippocampal and Parietal Regions in Autism. American Journal of Psychiatry, 2006, 163, 2189.	7.2	117
32	A functional magnetic resonance imaging study of inhibitory control in obsessive-compulsive disorder. Psychiatry Research - Neuroimaging, 2009, 174, 202-209.	1.8	114
33	Intrinsic gray-matter connectivity of the brain in adults with autism spectrum disorder. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13222-13227.	7.1	99
34	An Event Related Functional Magnetic Resonance Imaging Study of Facial Emotion Processing in Asperger Syndrome. Biological Psychiatry, 2007, 62, 207-217.	1.3	97
35	Effects of cannabidiol on brain excitation and inhibition systems; a randomised placebo-controlled single dose trial during magnetic resonance spectroscopy in adults with and without autism spectrum disorder. Neuropsychopharmacology, 2019, 44, 1398-1405.	5.4	95
36	The Neuropsychology of Male Adults With Highâ€Functioning Autism or Asperger Syndrome. Autism Research, 2014, 7, 568-581.	3.8	89

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37	Psychosis and autism: magnetic resonance imaging study of brain anatomy. British Journal of Psychiatry, 2009, 194, 418-425.	2.8	87
38	Disorder-specific functional abnormalities during temporal discounting in youth with Attention Deficit Hyperactivity Disorder (ADHD), Autism and comorbid ADHD and Autism. Psychiatry Research - Neuroimaging, 2014, 223, 113-120.	1.8	87
39	Genetic contributors to risk of schizophrenia in the presence of a 22q11.2 deletion. Molecular Psychiatry, 2021, 26, 4496-4510.	7.9	87
40	The effects of sex steroids, and the X chromosome, on female brain function: A study of the neuropsychology of adult turner syndrome. Neuropsychologia, 1994, 32, 1309-1323.	1.6	81
41	Brain structural differences associated with the behavioural phenotype in children with Williams syndrome. Brain Research, 2009, 1258, 96-107.	2.2	81
42	Proteome-based identification of plasma proteins associated with hippocampal metabolism in early Alzheimer's disease. Journal of Neurology, 2008, 255, 1712-1720.	3.6	78
43	A PET study of turner's syndrome: Effects of sex steroids and the X chromosome on brain. Biological Psychiatry, 1997, 41, 285-298.	1.3	77
44	Prefrontal and medial temporal correlates of repetitive violence to self and others. Biological Psychiatry, 2000, 47, 928-934.	1.3	74
45	The effect of pre-mutation of X chromosome CGG trinucleotide repeats on brain anatomy. Brain, 2004, 127, 2672-2681.	7.6	74
46	White matter integrity in Asperger syndrome: a preliminary diffusion tensor magnetic resonance imaging study in adults. Autism Research, 2010, 3, 203-213.	3.8	71
47	Frontal anatomy and reaction time in Autism. Neuroscience Letters, 2007, 412, 12-17.	2.1	70
48	Women with autistic-spectrum disorder: magnetic resonance imaging study of brain anatomy. British Journal of Psychiatry, 2007, 191, 224-228.	2.8	68
49	An fMRI study of facial emotion processing in children and adolescents with 22q11.2 deletion syndrome. Journal of Neurodevelopmental Disorders, 2015, 7, 1.	3.1	64
50	In vivo brain anatomy of adult males with Fragile X syndrome: An MRI study. NeuroImage, 2011, 54, 16-24.	4.2	63
51	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <scp>ENIGMA</scp> adventure. Human Brain Mapping, 2022, 43, 37-55.	3.6	61
52	Unsupervised data-driven stratification of mentalizing heterogeneity in autism. Scientific Reports, 2016, 6, 35333.	3.3	60
53	Cortical anatomy in human X monosomy. NeuroImage, 2010, 49, 2915-2923.	4.2	59
54	Abnormal Functional Activation and Maturation of Fronto-Striato-Temporal and Cerebellar Regions During Sustained Attention in Autism Spectrum Disorder. American Journal of Psychiatry, 2014, 171, 1107-1116.	7.2	57

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55	Association Between the Probability of Autism Spectrum Disorder and Normative Sex-Related Phenotypic Diversity in Brain Structure. JAMA Psychiatry, 2017, 74, 329.	11.0	57
56	Hippocampal Myo-inositol and Cognitive Ability in Adults With Down Syndrome. Archives of General Psychiatry, 2005, 62, 1360.	12.3	52
57	Gonadotropin hormone releasing hormone agonists alter prefrontal function during verbal encoding in young women. Psychoneuroendocrinology, 2007, 32, 1116-1127.	2.7	52
58	Grey matter changes in motor conversion disorder. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 236-238.	1.9	52
59	The effect of cannabidiol (CBD) on low-frequency activity and functional connectivity in the brain of adults with and without autism spectrum disorder (ASD). Journal of Psychopharmacology, 2019, 33, 1141-1148.	4.0	51
60	Physiological variation in estradiol and brain function: A functional magnetic resonance imaging study of verbal memory across the follicular phase of the menstrual cycle. Hormones and Behavior, 2008, 53, 503-508.	2.1	50
61	Altered white matter microstructure in 22q11.2 deletion syndrome: a multisite diffusion tensor imaging study. Molecular Psychiatry, 2020, 25, 2818-2831.	7.9	50
62	Obsessiveâ€Compulsive Disorder in Adults with Highâ€Functioning Autism Spectrum Disorder: What Does Selfâ€Report with the OCIâ€R Tell Us?. Autism Research, 2015, 8, 477-485.	3.8	49
63	Response inhibition and serotonin in autism: a functional MRI study using acute tryptophan depletion. Brain, 2014, 137, 2600-2610.	7.6	48
64	Physicochemical and pharmacokinetic parameters of seven lipophilic chlorambucil esters designed for brain penetration. Cancer Chemotherapy and Pharmacology, 1990, 25, 311-319.	2.3	47
65	Pharmacokinetics of chlorambucil-tertiary butyl ester, a lipophilic chlorambucil derivative that achieves and maintains high concentrations in brain. Cancer Chemotherapy and Pharmacology, 1990, 25, 320-325.	2.3	47
66	Changes in male brain responses to emotional faces from adolescence to middle age. NeuroImage, 2008, 40, 389-397.	4.2	47
67	Hippocampal Proton MR Spectroscopy in Early Alzheimer's Disease and Mild Cognitive Impairment. Brain Topography, 2011, 24, 316-322.	1.8	46
68	Serotonin and the Neural Processing of Facial Emotions in Adults With Autism. Archives of General Psychiatry, 2012, 69, 1003-13.	12.3	45
69	Prolactin response to d-fenfluramine in postmenopausal women on and off ERT: comparison with young women. Psychoneuroendocrinology, 2001, 26, 493-502.	2.7	44
70	Gender Influence on White Matter Microstructure: A Tract-Based Spatial Statistics Analysis. PLoS ONE, 2014, 9, e91109.	2.5	42
71	Cortical regions involved in visual texture perception: a fMRI study. Cognitive Brain Research, 1998, 7, 111-118.	3.0	41
72	In Vivo Evidence of Reduced Integrity of the Gray–White Matter Boundary in Autism Spectrum Disorder. Cerebral Cortex, 2017, 27, 877-887.	2.9	41

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73	Cerebrospinal fluid neurochemistry in the myoclonic subtype of Alzheimer's disease. Annals of Neurology, 1988, 24, 647-650.	5.3	39
74	Magnitude and heterogeneity of brain structural abnormalities in 22q11.2 deletion syndrome: a meta-analysis. Molecular Psychiatry, 2020, 25, 1704-1717.	7.9	39
75	White matter microstructure in 22q11 deletion syndrome: a pilot diffusion tensor imaging and voxel-based morphometry study of children and adolescents. Journal of Neurodevelopmental Disorders, 2010, 2, 77-92.	3.1	38
76	Mother–infant interactions and regional brain volumes in infancy: an MRI study. Brain Structure and Function, 2017, 222, 2379-2388.	2.3	37
77	The influence of sex chromosome aneuploidy on brain asymmetry. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 74-85.	1.7	36
78	Effects of cannabidivarin (CBDV) on brain excitation and inhibition systems in adults with and without Autism Spectrum Disorder (ASD): a single dose trial during magnetic resonance spectroscopy. Translational Psychiatry, 2019, 9, 313.	4.8	36
79	Processing facial emotions in adults with velo-cardio-facial syndrome: functional magnetic resonance imaging. British Journal of Psychiatry, 2006, 189, 560-561.	2.8	34
80	Social anxiety in adult males with autism spectrum disorders. Research in Autism Spectrum Disorders, 2016, 32, 13-23.	1.5	33
81	A comparative study of cognition and brain anatomy between two neurodevelopmental disorders: 22q11.2 deletion syndrome and Williams syndrome. Neuropsychologia, 2009, 47, 1034-1044.	1.6	32
82	Visuospatial working memory in children and adolescents with 22q11.2 deletion syndrome; an fMRI study. Journal of Neurodevelopmental Disorders, 2009, 1, 46-60.	3.1	32
83	Familial risk of autism alters subcortical and cerebellar brain anatomy in infants and predicts the emergence of repetitive behaviors in early childhood. Autism Research, 2019, 12, 614-627.	3.8	30
84	Reversibility of the effects of acute ovarian hormone suppression on verbal memory and prefrontal function in pre-menopausal women. Psychoneuroendocrinology, 2008, 33, 1426-1431.	2.7	28
85	Dementia in Down's syndrome: an MRI comparison with Alzheimer's disease in the general population. Journal of Neurodevelopmental Disorders, 2013, 5, 19.	3.1	28
86	Maturation of limbic regions in Asperger syndrome: A preliminary study using proton magnetic resonance spectroscopy and structural magnetic resonance imaging. Psychiatry Research - Neuroimaging, 2010, 184, 77-85.	1.8	27
87	Down syndrome with and without dementia: An in vivo proton Magnetic Resonance Spectroscopy study with implications for Alzheimer's disease. NeuroImage, 2011, 57, 63-68.	4.2	27
88	A study of visuospatial working memory pre- and post-Gonadotropin Hormone Releasing Hormone agonists (GnRHa) in young women. Hormones and Behavior, 2008, 54, 47-59.	2.1	26
89	5-HT, prefrontal function and aging: fMRI of inhibition and acute tryptophan depletion. Neurobiology of Aging, 2009, 30, 1135-1146.	3.1	26
90	Abnormal functional activation and maturation of ventromedial prefrontal cortex and cerebellum during temporal discounting in autism spectrum disorder. Human Brain Mapping, 2017, 38, 5343-5355.	3.6	26

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91	Decreased centrality of cortical volume covariance networks in autism spectrum disorders. Journal of Psychiatric Research, 2015, 69, 142-149.	3.1	25
92	Subtly altered topological asymmetry of brain structural covariance networks in autism spectrum disorder across 43 datasets from the ENIGMA consortium. Molecular Psychiatry, 2022, 27, 2114-2125.	7.9	25
93	Reduced cortical surface area in adolescents with conduct disorder. European Child and Adolescent Psychiatry, 2015, 24, 909-917.	4.7	23
94	GABA _B receptor modulation of visual sensory processing in adults with and without autism spectrum disorder. Science Translational Medicine, 2022, 14, eabg7859.	12.4	23
95	Effects of acute tryptophan depletion on neural processing of facial expressions of emotion in humans. Psychopharmacology, 2010, 210, 499-510.	3.1	22
96	An automatic reaction control chemical ionization technique in ion trap detector for quantitative plasma profding of arecoline in treated alzheimer patients. Journal of the American Society for Mass Spectrometry, 1991, 2, 168-173.	2.8	21
97	Serotonin transporter genotype and neuroanatomy in autism spectrum disorders. Psychiatric Genetics, 2009, 19, 147-150.	1.1	19
98	Effects of acute ovarian hormone suppression on the human brain: An in vivo 1H MRS study. Psychoneuroendocrinology, 2007, 32, 1128-1132.	2.7	18
99	Father-infant interactions and infant regional brain volumes: A cross-sectional MRI study. Developmental Cognitive Neuroscience, 2019, 40, 100721.	4.0	18
100	Relationship Between Surfaceâ€Based Brain Morphometric Measures and Intelligence in Autism Spectrum Disorders: Influence of History of Language Delay. Autism Research, 2015, 8, 556-566.	3.8	17
101	Age-related differences in white matter diffusion measures in autism spectrum condition. Molecular Autism, 2020, 11, 36.	4.9	17
102	Familial liability to schizophrenia and premorbid adjustment. British Journal of Psychiatry, 2007, 191, 260-261.	2.8	16
103	Is there a common underlying mechanism for age-related decline in cortical thickness?. NeuroReport, 2009, 20, 1155-1160.	1.2	16
104	Modulation of brain activation during executive functioning in autism with citalopram. Translational Psychiatry, 2019, 9, 286.	4.8	14
105	Maternal depression during pregnancy alters infant subcortical and midbrain volumes Journal of Affective Disorders, 2021, 291, 163-170.	4.1	14
106	The effect of age on vertex-based measures of the grey-white matter tissue contrast in autism spectrum disorder. Molecular Autism, 2018, 9, 49.	4.9	13
107	Striatal dopaminergic alterations in individuals with copy number variants at the 22q11.2 genetic locus and their implications for psychosis risk: a [18F]-DOPA PET study. Molecular Psychiatry, 2023, 28, 1995-2006.	7.9	13
108	Modulation of striatal functional connectivity differences in adults with and without autism spectrum disorder in a single-dose randomized trial of cannabidivarin. Molecular Autism, 2021, 12, 49.	4.9	13

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109	Down syndrome is accompanied by significantly reduced cortical grey–white matter tissue contrast. Human Brain Mapping, 2018, 39, 4043-4054.	3.6	12
110	Atypical measures of diffusion at the grayâ€white matter boundary in autism spectrum disorder in adulthood. Human Brain Mapping, 2021, 42, 467-484.	3.6	11
111	Acute tryptophan depletion promotes an anteriorâ€toâ€posterior fMRI activation shift during task switching in older adults. Human Brain Mapping, 2014, 35, 712-722.	3.6	10
112	Hippocampal glutamate-glutamine (Glx) in adults with Down syndrome: a preliminary study using in vivo proton magnetic resonance spectroscopy (1H MRS). Journal of Neurodevelopmental Disorders, 2014, 6, 42.	3.1	9
113	Glutamatergic function in a genetic high-risk group for psychosis: A proton magnetic resonance spectroscopy study in individuals with 22q11.2 deletion. European Neuropsychopharmacology, 2019, 29, 1333-1342.	0.7	8
114	Neuroanatomical underpinnings of autism symptomatology in carriers and non-carriers of the 22q11.2 microdeletion. Molecular Autism, 2020, 11, 46.	4.9	8
115	Neurodevelopmental roles and the serotonin hypothesis of autism spectrum disorder. , 2019, , 23-44.		7
116	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. Neuropsychopharmacology, 2020, 45, 2248-2256.	5.4	7
117	Modulation of atypical brain activation during executive functioning in autism: a pharmacological MRI study of tianeptine. Molecular Autism, 2021, 12, 14.	4.9	6
118	Differences in social brain function in autism spectrum disorder are linked to the serotonin transporter: A randomised placebo-controlled single-dose crossover trial. Journal of Psychopharmacology, 2022, 36, 723-731.	4.0	6
119	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. Autism, 2022, 26, 2098-2107.	4.1	5
120	Examining volumetric gradients based on the frustum surface ratio in the brain in autism spectrum disorder. Human Brain Mapping, 2021, 42, 953-966.	3.6	4
121	Fragile X syndrome: a pilot proton magnetic resonance spectroscopy study in premutation carriers. Journal of Neurodevelopmental Disorders, 2012, 4, 23.	3.1	3
122	Patterns of Cortical Folding Associated with Autistic Symptoms in Carriers and Noncarriers of the 22q11.2 Microdeletion. Cerebral Cortex, 2020, 30, 5281-5292.	2.9	3
123	S181. THE STATE OR TRAIT COMPONENT OF DOPAMINE AND GLUTAMATE DYSFUNCTION IN THE RISK FOR PSYCHOSIS: AN IN VIVO MULTIMODAL IMAGING STUDY OF INDIVIDUALS WITH 22Q11.2 DELETION. Schizophrenia Bulletin, 2018, 44, S395-S395.	4.3	1
124	Birth of the blues: emotional sound processing in infants exposed to prenatal maternal depression. Psychological Medicine, 0, , 1-7.	4.5	1
125	Corrigendum to â€~â€~physiological variation in estradiol and brain function: A functional magnetic resonance imaging study of verbal memory across the follicular phase of the menstrual cycle'' [Horm. Behav. 53 (2008) 503–508]. Hormones and Behavior, 2008, 54, 579.	2.1	0
126	ISDN2014_0211: An fMRI study of facial emotion processing in children and adolescents with 22q11.2 deletion syndrome. International Journal of Developmental Neuroscience, 2015, 47, 63-63.	1.6	0