

Eileen M Daly

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124 papers	8,096 citations	48 h-index	88 g-index
138 ext. papers	9,382 ext. citations	6.3 avg, IF	5.13 L-index

#	Paper	IF	Citations
124	The functional neuroanatomy of social behaviour: changes in cerebral blood flow when people with autistic disorder process facial expressions. <i>Brain</i> , 2000 , 123 (Pt 11), 2203-12	11.2	648
123	Explicit and implicit neural mechanisms for processing of social information from facial expressions: a functional magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2000 , 9, 93-105	5.9	382
122	Brain anatomy and sensorimotor gating in Asperger's syndrome. <i>Brain</i> , 2002 , 125, 1594-606	11.2	347
121	Investigating the predictive value of whole-brain structural MR scans in autism: a pattern classification approach. <i>NeuroImage</i> , 2010 , 49, 44-56	7.9	308
120	Describing the brain in autism in five dimensions--magnetic resonance imaging-assisted diagnosis of autism spectrum disorder using a multiparameter classification approach. <i>Journal of Neuroscience</i> , 2010 , 30, 10612-23	6.6	303
119	Neural correlates of executive function in autistic spectrum disorders. <i>Biological Psychiatry</i> , 2006 , 59, 7-16	7.9	260
118	Altered cerebellar feedback projections in Asperger syndrome. <i>NeuroImage</i> , 2008 , 41, 1184-91	7.9	222
117	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	11.9	188
116	Fronto-striatal circuitry and inhibitory control in autism: findings from diffusion tensor imaging tractography. <i>Cortex</i> , 2012 , 48, 183-93	3.8	173
115	Volumes of medial temporal lobe structures in patients with Alzheimer's disease and mild cognitive impairment (and in healthy controls). <i>Biological Psychiatry</i> , 1998 , 43, 60-8	7.9	168
114	Brain surface anatomy in adults with autism: the relationship between surface area, cortical thickness, and autistic symptoms. <i>JAMA Psychiatry</i> , 2013 , 70, 59-70	14.5	154
113	Brain and behaviour in children with 22q11.2 deletion syndrome: a volumetric and voxel-based morphometry MRI study. <i>Brain</i> , 2006 , 129, 1218-28	11.2	150
112	Gender differences in white matter microstructure. <i>PLoS ONE</i> , 2012 , 7, e38272	3.7	145
111	Structural brain abnormalities associated with deletion at chromosome 22q11: quantitative neuroimaging study of adults with velo-cardio-facial syndrome. <i>British Journal of Psychiatry</i> , 2001 , 178, 412-9	5.4	143
110	The anatomy of extended limbic pathways in Asperger syndrome: a preliminary diffusion tensor imaging tractography study. <i>NeuroImage</i> , 2009 , 47, 427-34	7.9	138
109	Facial emotion processing in criminal psychopathy. Preliminary functional magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2006 , 189, 533-9	5.4	134
108	Cortical anatomy in autism spectrum disorder: an in vivo MRI study on the effect of age. <i>Cerebral Cortex</i> , 2010 , 20, 1332-40	5.1	131

107	Neural correlates of reward in autism. <i>British Journal of Psychiatry</i> , 2008 , 192, 19-24	5.4	129
106	Cortical serotonin 5-HT2A receptor binding and social communication in adults with Asperger's syndrome: an in vivo SPECT study. <i>American Journal of Psychiatry</i> , 2006 , 163, 934-6	11.9	129
105	In Vivo 1H-Magnetic Resonance Spectroscopy Study of Amygdala-Hippocampal and Parietal Regions in Autism. <i>American Journal of Psychiatry</i> , 2006 , 163, 2189-2192	11.9	121
104	Influence of X chromosome and hormones on human brain development: a magnetic resonance imaging and proton magnetic resonance spectroscopy study of Turner syndrome. <i>Biological Psychiatry</i> , 2006 , 59, 273-83	7.9	116
103	Brain anatomy in adults with velocardiofacial syndrome with and without schizophrenia: preliminary results of a structural magnetic resonance imaging study. <i>Archives of General Psychiatry</i> , 2004 , 61, 1085-96		114
102	Autism spectrum disorder in adults: diagnosis, management, and health services development. <i>Neuropsychiatric Disease and Treatment</i> , 2016 , 12, 1669-86	3.1	114
101	Asperger syndrome: a proton magnetic resonance spectroscopy study of brain. <i>Archives of General Psychiatry</i> , 2002 , 59, 885-91		113
100	A neuropsychological investigation of male premutation carriers of fragile X syndrome. <i>Neuropsychologia</i> , 2004 , 42, 1934-47	3.2	105
99	In vivo 1H-magnetic resonance spectroscopy study of amygdala-hippocampal and parietal regions in autism. <i>American Journal of Psychiatry</i> , 2006 , 163, 2189-92	11.9	102
98	White matter microstructural abnormalities in the frontal lobe of adults with antisocial personality disorder. <i>Cortex</i> , 2012 , 48, 216-29	3.8	98
97	A functional magnetic resonance imaging study of inhibitory control in obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 174, 202-9	2.9	92
96	An event related functional magnetic resonance imaging study of facial emotion processing in Asperger syndrome. <i>Biological Psychiatry</i> , 2007 , 62, 207-17	7.9	85
95	The neuropsychology of male adults with high-functioning autism or asperger syndrome. <i>Autism Research</i> , 2014 , 7, 568-81	5.1	78
94	The effects of sex steroids, and the X chromosome, on female brain function: a study of the neuropsychology of adult Turner syndrome. <i>Neuropsychologia</i> , 1994 , 32, 1309-23	3.2	73
93	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019 , 10, 4958	17.4	72
92	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, 13222-7	11.5	72
91	Proteome-based identification of plasma proteins associated with hippocampal metabolism in early Alzheimer's disease. <i>Journal of Neurology</i> , 2008 , 255, 1712-20	5.5	70
90	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, 113-20	2.9	68

89	A PET study of Turner's syndrome: effects of sex steroids and the X chromosome on brain. <i>Biological Psychiatry</i> , 1997 , 41, 285-98	7.9	67
88	Psychosis and autism: magnetic resonance imaging study of brain anatomy. <i>British Journal of Psychiatry</i> , 2009 , 194, 418-25	5.4	66
87	Brain structural differences associated with the behavioural phenotype in children with Williams syndrome. <i>Brain Research</i> , 2009 , 1258, 96-107	3.7	65
86	White matter integrity in Asperger syndrome: a preliminary diffusion tensor magnetic resonance imaging study in adults. <i>Autism Research</i> , 2010 , 3, 203-13	5.1	65
85	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	15.1	64
84	Women with autistic-spectrum disorder: magnetic resonance imaging study of brain anatomy. <i>British Journal of Psychiatry</i> , 2007 , 191, 224-8	5.4	61
83	Prefrontal and medial temporal correlates of repetitive violence to self and others. <i>Biological Psychiatry</i> , 2000 , 47, 928-34	7.9	61
82	The effect of pre-mutation of X chromosome CGG trinucleotide repeats on brain anatomy. <i>Brain</i> , 2004 , 127, 2672-81	11.2	60
81	Frontal anatomy and reaction time in Autism. <i>Neuroscience Letters</i> , 2007 , 412, 12-7	3.3	57
80	In vivo brain anatomy of adult males with Fragile X syndrome: an MRI study. <i>NeuroImage</i> , 2011 , 54, 16-24	7.9	54
79	Cortical anatomy in human X monosomy. <i>NeuroImage</i> , 2010 , 49, 2915-23	7.9	54
78	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	11.9	50
77	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, 1107-16	11.9	48
76	Unsupervised data-driven stratification of mentalizing heterogeneity in autism. <i>Scientific Reports</i> , 2016 , 6, 35333	4.9	47
75	Gonadotropin hormone releasing hormone agonists alter prefrontal function during verbal encoding in young women. <i>Psychoneuroendocrinology</i> , 2007 , 32, 1116-27	5	47
74	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. <i>Neuropsychopharmacology</i> , 2019 , 44, 1398-1405	8.7	47
73	Physiological variation in estradiol and brain function: a functional magnetic resonance imaging study of verbal memory across the follicular phase of the menstrual cycle. <i>Hormones and Behavior</i> , 2008 , 53, 503-8	3.7	44
72	Hippocampal myo-inositol and cognitive ability in adults with Down syndrome: an in vivo proton magnetic resonance spectroscopy study. <i>Archives of General Psychiatry</i> , 2005 , 62, 1360-5		44

71	Pharmacokinetics of chlorambucil-tertiary butyl ester, a lipophilic chlorambucil derivative that achieves and maintains high concentrations in brain. <i>Cancer Chemotherapy and Pharmacology</i> , 1990 , 25, 320-5	3.5	44
70	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021 , 78, 47-63	14.5	43
69	Grey matter changes in motor conversion disorder. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 236-8	5.5	42
68	Changes in male brain responses to emotional faces from adolescence to middle age. <i>NeuroImage</i> , 2008 , 40, 389-97	7.9	42
67	Physicochemical and pharmacokinetic parameters of seven lipophilic chlorambucil esters designed for brain penetration. <i>Cancer Chemotherapy and Pharmacology</i> , 1990 , 25, 311-9	3.5	42
66	Association Between the Probability of Autism Spectrum Disorder and Normative Sex-Related Phenotypic Diversity in Brain Structure. <i>JAMA Psychiatry</i> , 2017 , 74, 329-338	14.5	41
65	Response inhibition and serotonin in autism: a functional MRI study using acute tryptophan depletion. <i>Brain</i> , 2014 , 137, 2600-10	11.2	40
64	Serotonin and the neural processing of facial emotions in adults with autism: an fMRI study using acute tryptophan depletion. <i>Archives of General Psychiatry</i> , 2012 , 69, 1003-13		40
63	Genetic contributors to risk of schizophrenia in the presence of a 22q11.2 deletion. <i>Molecular Psychiatry</i> , 2021 , 26, 4496-4510	15.1	39
62	An fMRI study of facial emotion processing in children and adolescents with 22q11.2 deletion syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2015 , 7, 1	4.6	38
61	Obsessive-Compulsive Disorder in Adults with High-Functioning Autism Spectrum Disorder: What Does Self-Report with the OCI-R Tell Us?. <i>Autism Research</i> , 2015 , 8, 477-85	5.1	38
60	Hippocampal proton MR spectroscopy in early Alzheimer's disease and mild cognitive impairment. <i>Brain Topography</i> , 2011 , 24, 316-22	4.3	37
59	White matter microstructure in 22q11 deletion syndrome: a pilot diffusion tensor imaging and voxel-based morphometry study of children and adolescents. <i>Journal of Neurodevelopmental Disorders</i> , 2010 , 2, 77-92	4.6	37
58	Prolactin response to d-fenfluramine in postmenopausal women on and off ERT: comparison with young women. <i>Psychoneuroendocrinology</i> , 2001 , 26, 493-502	5	37
57	Cerebrospinal fluid neurochemistry in the myoclonic subtype of Alzheimer's disease. <i>Annals of Neurology</i> , 1988 , 24, 647-50	9.4	36
56	Altered white matter microstructure in 22q11.2 deletion syndrome: a multisite diffusion tensor imaging study. <i>Molecular Psychiatry</i> , 2020 , 25, 2818-2831	15.1	36
55	The influence of sex chromosome aneuploidy on brain asymmetry. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009 , 150B, 74-85	3.5	35
54	Cortical regions involved in visual texture perception: a fMRI study. <i>Cognitive Brain Research</i> , 1998 , 7, 111-8		33

53	Gender influence on white matter microstructure: a tract-based spatial statistics analysis. <i>PLoS ONE</i> , 2014 , 9, e91109	3.7	32
52	Processing facial emotions in adults with velo-cardio-facial syndrome: functional magnetic resonance imaging. <i>British Journal of Psychiatry</i> , 2006 , 189, 560-1	5.4	31
51	A comparative study of cognition and brain anatomy between two neurodevelopmental disorders: 22q11.2 deletion syndrome and Williams syndrome. <i>Neuropsychologia</i> , 2009 , 47, 1034-44	3.2	29
50	In Vivo Evidence of Reduced Integrity of the Gray-White Matter Boundary in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2017 , 27, 877-887	5.1	27
49	Visuospatial working memory in children and adolescents with 22q11.2 deletion syndrome; an fMRI study. <i>Journal of Neurodevelopmental Disorders</i> , 2009 , 1, 46-60	4.6	26
48	A study of visuospatial working memory pre- and post-Gonadotropin Hormone Releasing Hormone agonists (GnRHa) in young women. <i>Hormones and Behavior</i> , 2008 , 54, 47-59	3.7	26
47	Mother-infant interactions and regional brain volumes in infancy: an MRI study. <i>Brain Structure and Function</i> , 2017 , 222, 2379-2388	4	24
46	Down syndrome with and without dementia: an in vivo proton Magnetic Resonance Spectroscopy study with implications for Alzheimer's disease. <i>NeuroImage</i> , 2011 , 57, 63-68	7.9	24
45	Social anxiety in adult males with autism spectrum disorders. <i>Research in Autism Spectrum Disorders</i> , 2016 , 32, 13-23	3	24
44	Reversibility of the effects of acute ovarian hormone suppression on verbal memory and prefrontal function in pre-menopausal women. <i>Psychoneuroendocrinology</i> , 2008 , 33, 1426-31	5	23
43	Dementia in Down's syndrome: an MRI comparison with Alzheimer's disease in the general population. <i>Journal of Neurodevelopmental Disorders</i> , 2013 , 5, 19	4.6	22
42	5-HT, prefrontal function and aging: fMRI of inhibition and acute tryptophan depletion. <i>Neurobiology of Aging</i> , 2009 , 30, 1135-46	5.6	22
41	Maturation of limbic regions in Asperger syndrome: a preliminary study using proton magnetic resonance spectroscopy and structural magnetic resonance imaging. <i>Psychiatry Research - Neuroimaging</i> , 2010 , 184, 77-85	2.9	21
40	An automatic reaction control chemical ionization technique in ion trap detector for quantitative plasma profiling of arecoline in treated Alzheimer patients. <i>Journal of the American Society for Mass Spectrometry</i> , 1991 , 2, 168-73	3.5	20
39	The effect of cannabidiol (CBD) on low-frequency activity and functional connectivity in the brain of adults with and without autism spectrum disorder (ASD). <i>Journal of Psychopharmacology</i> , 2019 , 33, 1141-1148	4.6	19
38	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	5.9	18
37	Effects of cannabidiol (CBDV) on brain excitation and inhibition systems in adults with and without Autism Spectrum Disorder (ASD): a single dose trial during magnetic resonance spectroscopy. <i>Translational Psychiatry</i> , 2019 , 9, 313	8.6	18
36	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. <i>Human Brain Mapping</i> , 2020 ,	5.9	17

35	Effects of acute tryptophan depletion on neural processing of facial expressions of emotion in humans. <i>Psychopharmacology</i> , 2010 , 210, 499-510	4.7	17
34	Familial risk of autism alters subcortical and cerebellar brain anatomy in infants and predicts the emergence of repetitive behaviors in early childhood. <i>Autism Research</i> , 2019 , 12, 614-627	5.1	16
33	Decreased centrality of cortical volume covariance networks in autism spectrum disorders. <i>Journal of Psychiatric Research</i> , 2015 , 69, 142-9	5.2	16
32	Reduced cortical surface area in adolescents with conduct disorder. <i>European Child and Adolescent Psychiatry</i> , 2015 , 24, 909-17	5.5	16
31	Serotonin transporter genotype and neuroanatomy in autism spectrum disorders. <i>Psychiatric Genetics</i> , 2009 , 19, 147-50	2.9	16
30	Effects of acute ovarian hormone suppression on the human brain: an in vivo 1H MRS study. <i>Psychoneuroendocrinology</i> , 2007 , 32, 1128-32	5	15
29	Familial liability to schizophrenia and premorbid adjustment. <i>British Journal of Psychiatry</i> , 2007 , 191, 260-1	5.4	15
28	Magnitude and heterogeneity of brain structural abnormalities in 22q11.2 deletion syndrome: a meta-analysis. <i>Molecular Psychiatry</i> , 2020 , 25, 1704-1717	15.1	15
27	Is there a common underlying mechanism for age-related decline in cortical thickness?. <i>NeuroReport</i> , 2009 , 20, 1155-60	1.7	14
26	Down syndrome is accompanied by significantly reduced cortical grey-white matter tissue contrast. <i>Human Brain Mapping</i> , 2018 , 39, 4043-4054	5.9	9
25	Hippocampal glutamate-glutamine (Glx) in adults with Down syndrome: a preliminary study using in vivo proton magnetic resonance spectroscopy ((1)H MRS). <i>Journal of Neurodevelopmental Disorders</i> , 2014 , 6, 42	4.6	8
24	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	6.5	8
23	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, 556-66	5.1	7
22	Acute tryptophan depletion promotes an anterior-to-posterior fMRI activation shift during task switching in older adults. <i>Human Brain Mapping</i> , 2014 , 35, 712-22	5.9	7
21	Age-related differences in white matter diffusion measures in autism spectrum condition. <i>Molecular Autism</i> , 2020 , 11, 36	6.5	5
20	Subcortical brain volume, regional cortical thickness and cortical surface area across attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder (ASD), and obsessive-compulsive disorder (OCD)		5
19	Father-infant interactions and infant regional brain volumes: A cross-sectional MRI study. <i>Developmental Cognitive Neuroscience</i> , 2019 , 40, 100721	5.5	4
18	Modulation of brain activation during executive functioning in autism with citalopram. <i>Translational Psychiatry</i> , 2019 , 9, 286	8.6	4

17	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	8.7	3
16	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	5.1	3
15	Neurodevelopmental roles and the serotonin hypothesis of autism spectrum disorder 2019 , 23-44		3
14	Fragile X syndrome: a pilot proton magnetic resonance spectroscopy study in premutation carriers. <i>Journal of Neurodevelopmental Disorders</i> , 2012 , 4, 23	4.6	3
13	Atypical measures of diffusion at the gray-white matter boundary in autism spectrum disorder in adulthood. <i>Human Brain Mapping</i> , 2021 , 42, 467-484	5.9	3
12	Neuroanatomical underpinnings of autism symptomatology in carriers and non-carriers of the 22q11.2 microdeletion. <i>Molecular Autism</i> , 2020 , 11, 46	6.5	2
11	Glutamatergic function in a genetic high-risk group for psychosis: A proton magnetic resonance spectroscopy study in individuals with 22q11.2 deletion. <i>European Neuropsychopharmacology</i> , 2019 , 29, 1333-1342	1.2	2
10	GABA receptor modulation of visual sensory processing in adults with and without autism spectrum disorder.. <i>Science Translational Medicine</i> , 2022 , 14, eabg7859	17.5	2
9	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. <i>Molecular Psychiatry</i> , 2021 ,	15.1	2
8	Modulation of atypical brain activation during executive functioning in autism: a pharmacological MRI study of tianeptine. <i>Molecular Autism</i> , 2021 , 12, 14	6.5	1
7	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. <i>Schizophrenia Bulletin</i> , 2018 , 44, S395-S395	1.3	1
6	Modulation of striatal functional connectivity differences in adults with and without autism spectrum disorder in a single-dose randomized trial of cannabidiol. <i>Molecular Autism</i> , 2021 , 12, 49	6.5	1
5	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 , 13623613221081343	6.6	1
4	Examining volumetric gradients based on the frustum surface ratio in the brain in autism spectrum disorder. <i>Human Brain Mapping</i> , 2021 , 42, 953-966	5.9	0
3	Maternal depression during pregnancy alters infant subcortical and midbrain volumes. <i>Journal of Affective Disorders</i> , 2021 , 291, 163-170	6.6	0
2	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 , 2698811221092509	4.6	0
1	ISDN2014_0211: An fMRI study of facial emotion processing in children and adolescents with 22q11.2 deletion syndrome. <i>International Journal of Developmental Neuroscience</i> , 2015 , 47, 63-63	2.7	