

# Emily L Dennis

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

4,432  
citations

186265

28  
h-index

123424

61  
g-index

108  
all docs

108  
docs citations

108  
times ranked

8064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Default-Mode and Task-Positive Network Activity in Major Depressive Disorder: Implications for Adaptive and Maladaptive Rumination. <i>Biological Psychiatry</i> , 2011, 70, 327-333.	1.3	646
2	Functional Brain Connectivity Using fMRI in Aging and Alzheimer's Disease. <i>Neuropsychology Review</i> , 2014, 24, 49-62.	4.9	427
3	Neural correlates of rumination in depression. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2010, 10, 470-478.	2.0	394
4	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	4.8	365
5	Smaller Hippocampal Volume in Posttraumatic Stress Disorder: A Multisite ENIGMA-PGC Study: Subcortical Volumetry Results From Posttraumatic Stress Disorder Consortia. <i>Biological Psychiatry</i> , 2018, 83, 244-253.	1.3	335
6	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	4.2	173
7	Development of brain structural connectivity between ages 12 and 30: A 4-Tesla diffusion imaging study in 439 adolescents and adults. <i>NeuroImage</i> , 2013, 64, 671-684.	4.2	172
8	Resting-state fMRI can reliably map neural networks in children. <i>NeuroImage</i> , 2011, 55, 165-175.	4.2	146
9	Typical and atypical brain development: a review of neuroimaging studies. <i>Dialogues in Clinical Neuroscience</i> , 2013, 15, 359-384.	3.7	106
10	Altered Structural Brain Connectivity in Healthy Carriers of the Autism Risk Gene, <i>CNTNAP2</i> . <i>Brain Connectivity</i> , 2011, 1, 447-459.	1.7	98
11	Callosal Function in Pediatric Traumatic Brain Injury Linked to Disrupted White Matter Integrity. <i>Journal of Neuroscience</i> , 2015, 35, 10202-10211.	3.6	79
12	Mapping connectivity in the developing brain. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 525-542.	1.6	72
13	White matter disruption in moderate/severe pediatric traumatic brain injury: Advanced tract-based analyses. <i>NeuroImage: Clinical</i> , 2015, 7, 493-505.	2.7	71
14	Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. <i>Molecular Psychiatry</i> , 2021, 26, 4315-4330.	7.9	69
15	Smaller hippocampal CA1 subfield volume in posttraumatic stress disorder. <i>Depression and Anxiety</i> , 2018, 35, 1018-1029.	4.1	58
16	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. <i>Molecular Psychiatry</i> , 2021, 26, 4331-4343.	7.9	52
17	ENIGMA-EDT: Translating reproducible white matter deficits into personalized vulnerability metrics in cross-diagnostic psychiatric research. <i>Human Brain Mapping</i> , 2022, 43, 194-206.	3.6	52
18	Anxiety Modulates Insula Recruitment in Resting-State Functional Magnetic Resonance Imaging in Youth and Adults. <i>Brain Connectivity</i> , 2011, 1, 245-254.	1.7	50

#	ARTICLE	IF	CITATIONS
19	Sex-Related Differences in the Effects of Sports-Related Concussion: A Review. <i>Journal of Neuroimaging</i> , 2020, 30, 387-409.	2.0	48
20	Development of insula connectivity between ages 12 and 30 revealed by high angular resolution diffusion imaging. <i>Human Brain Mapping</i> , 2014, 35, 1790-1800.	3.6	45
21	Alzheimer's disease disrupts rich club organization in brain connectivity networks. , 2013, , 266-269.		40
22	3<scp>D</scp> tract-specific local and global analysis of white matter integrity in <scp>A</scp> Alzheimer's disease. <i>Human Brain Mapping</i> , 2017, 38, 1191-1207.	3.6	39
23	Obesity gene NEGR1 associated with white matter integrity in healthy young adults. <i>NeuroImage</i> , 2014, 102, 548-557.	4.2	35
24	Stressful Life Events, ADHD Symptoms, and Brain Structure in Early Adolescence. <i>Journal of Abnormal Child Psychology</i> , 2019, 47, 421-432.	3.5	34
25	Longitudinal Neuroimaging in Pediatric Traumatic Brain Injury: Current State and Consideration of Factors That Influence Recovery. <i>Frontiers in Neurology</i> , 2019, 10, 1296.	2.4	34
26	Diverging white matter trajectories in children after traumatic brain injury. <i>Neurology</i> , 2017, 88, 1392-1399.	1.1	33
27	<scp>ENIGMA</scp> brain injury: Framework, challenges, and opportunities. <i>Human Brain Mapping</i> , 2022, 43, 149-166.	3.6	33
28	Test-Retest Reliability of Graph Theory Measures of Structural Brain Connectivity. <i>Lecture Notes in Computer Science</i> , 2012, 15, 305-312.	1.3	33
29	Diffusion MRI in pediatric brain injury. <i>Child's Nervous System</i> , 2017, 33, 1683-1692.	1.1	32
30	Neuroimaging of the Injured Pediatric Brain: Methods and New Lessons. <i>Neuroscientist</i> , 2018, 24, 652-670.	3.5	32
31	The clinical utility of proton magnetic resonance spectroscopy in traumatic brain injury: recommendations from the ENIGMA MRS working group. <i>Brain Imaging and Behavior</i> , 2021, 15, 504-525.	2.1	32
32	Tensor-Based Morphometry Reveals Volumetric Deficits in Moderate/Severe Pediatric Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 840-852.	3.4	28
33	Diverging volumetric trajectories following pediatric traumatic brain injury. <i>NeuroImage: Clinical</i> , 2017, 15, 125-135.	2.7	28
34	Serum cholesterol and variant in cholesterol-related gene CETP predict white matter microstructure. <i>Neurobiology of Aging</i> , 2014, 35, 2504-2513.	3.1	26
35	Preterm birth leads to hyper-reactive cognitive control processing and poor white matter organization in adulthood. <i>NeuroImage</i> , 2018, 167, 419-428.	4.2	25
36	Network-based approaches to examining stress in the adolescent brain. <i>Neurobiology of Stress</i> , 2018, 8, 147-157.	4.0	25

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37	Development of the &#x201C;rich club&#x201D; in brain connectivity networks from 438 adolescents &#x26amp;#x2013; adults aged 12 to 30. , 2013, , 624-627.		24
38	Cross-sectional and longitudinal associations of family income-to-needs ratio with cortical and subcortical brain volume in adolescent boys and girls. <i>Developmental Cognitive Neuroscience</i> , 2020, 44, 100796.	4.0	21
39	A global collaboration to study intimate partner violence-related head trauma: The ENIGMA consortium IPV working group. <i>Brain Imaging and Behavior</i> , 2021, 15, 475-503.	2.1	21
40	Whole Brain Magnetic Resonance Spectroscopic Determinants of Functional Outcomes in Pediatric Moderate/Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1637-1645.	3.4	20
41	Irritability and brain volume in adolescents: cross-sectional and longitudinal associations. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 687-698.	3.0	20
42	Magnetic resonance spectroscopy of fiber tracts in children with traumatic brain injury: A combined MRS &#x2013; Diffusion MRI study. <i>Human Brain Mapping</i> , 2018, 39, 3759-3768.	3.6	19
43	Reprint of: Mapping connectivity in the developing brain. <i>International Journal of Developmental Neuroscience</i> , 2014, 32, 41-57.	1.6	17
44	Bridging the gap: Mechanisms of plasticity and repair after pediatric TBI. <i>Experimental Neurology</i> , 2019, 318, 78-91.	4.1	17
45	Longitudinal alteration of cortical thickness and volume in high-impact sports. <i>NeuroImage</i> , 2020, 217, 116864.	4.2	17
46	Left versus right hemisphere differences in brain connectivity: 4-Tesla HARDI tractography in 569 twins. , 2012, 2012, 526-529.		16
47	Toward a global and reproducible science for brain imaging in neurotrauma: the ENIGMA adult moderate/severe traumatic brain injury working group. <i>Brain Imaging and Behavior</i> , 2021, 15, 526-554.	2.1	16
48	Adaptive Identification of Cortical and Subcortical Imaging Markers of Early Life Stress and Posttraumatic Stress Disorder. <i>Journal of Neuroimaging</i> , 2019, 29, 335-343.	2.0	14
49	Fine Particulate Air Pollution, Early Life Stress, and Their Interactive Effects on Adolescent Structural Brain Development: A Longitudinal Tensor-Based Morphometry Study. <i>Cerebral Cortex</i> , 2022, 32, 2156-2169.	2.9	14
50	Prenatal and postnatal depressive symptoms, infant white matter, and toddler behavioral problems. <i>Journal of Affective Disorders</i> , 2021, 282, 465-471.	4.1	14
51	White Matter Disruption in Pediatric Traumatic Brain Injury. <i>Neurology</i> , 2021, 97, .	1.1	14
52	ENIGMA military brain injury: A coordinated meta-analysis of diffusion MRI from multiple cohorts. , 2018, 2018, 1386-1389.		13
53	The ENIGMA Brain Injury working group: approach, challenges, and potential benefits. <i>Brain Imaging and Behavior</i> , 2021, 15, 465-474.	2.1	12
54	The Presence of the Temporal Horn Exacerbates the Vulnerability of Hippocampus During Head Impacts. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 754344.	4.1	10

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55	White matter integrity in traumatic brain injury: Effects of permissible fiber turning angle. , 2015, 2015, 930-933.		9
56	A network approach to examining injury severity in pediatric TBI. , 2017, 2017, 105-108.		9
57	Coordinating Global Multi-Site Studies of Military-Relevant Traumatic Brain Injury: Opportunities, Challenges, and Harmonization Guidelines. Brain Imaging and Behavior, 2021, 15, 585-613.	2.1	9
58	Changes in anatomical brain connectivity between ages 12 and 30: A HARDI study of 467 adolescents and adults. , 2012, , 904-908.		8
59	The ENIGMA sports injury working group:“ an international collaboration to further our understanding of sport-related brain injury. Brain Imaging and Behavior, 2021, 15, 576-584.	2.1	8
60	Challenges and opportunities for neuroimaging in young patients with traumatic brain injury: a coordinated effort towards advancing discovery from the ENIGMA pediatric moderate/severe TBI group. Brain Imaging and Behavior, 2021, 15, 555-575.	2.1	8
61	Functional Brain Hyperactivations Are Linked to an Electrophysiological Measure of Slow Interhemispheric Transfer Time after Pediatric Moderate/Severe Traumatic Brain Injury. Journal of Neurotrauma, 2020, 37, 397-409.	3.4	7
62	Advanced brain age in deployment-related traumatic brain injury: A LIMBIC-CENC neuroimaging study. Brain Injury, 2022, 36, 662-672.	1.2	6
63	<scp>Age-dependent</scp> white matter disruptions after military traumatic brain injury: Multivariate analysis results from <scp>ENIGMA</scp> brain injury. Human Brain Mapping, 2022, 43, 2653-2667.	3.6	6
64	Associations Between Maternal Depression and Infant Fronto-Limbic Connectivity. , 2019, , .		5
65	Association between white matter organization and cognitive performance in athletes with a history of sport-related concussion. Journal of Clinical and Experimental Neuropsychology, 2021, 43, 704-715.	1.3	5
66	Relation between Isometric Neck Strength and White Matter Organization in Collegiate Athletes. Neurotrauma Reports, 2020, 1, 232-240.	1.4	4
67	Diffusion Tensor Imaging Correlates of Resilience Following Adolescent Traumatic Brain Injury. Cognitive and Behavioral Neurology, 2021, 34, 259-274.	0.9	4
68	Trauma and posttraumatic stress disorder modulate polygenic predictors of hippocampal and amygdala volume. Translational Psychiatry, 2021, 11, 637.	4.8	4
69	Multi-Shell Diffusion MRI Measures of Brain Aging: A Preliminary Comparison From ADNI3. , 2019, , .		3
70	Variable clustering reveals associations between subcortical brain volume and cognitive changes in pediatric traumatic brain injury. , 2017, , .		2
71	87. Volume of Sub-Cortical Structures in Posttraumatic Stress Disorder from Multi-Site Investigation by ENIGMA and PGC Consortia. Biological Psychiatry, 2017, 81, S36-S37.	1.3	2
72	Neuroimaging Phenotypes Implicated For GWAS of PTSD Through The PGC And ENIGMA Worldwide Consortia. European Neuropsychopharmacology, 2019, 29, S750-S751.	0.7	2

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73	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results From the ENIGMA-PGC Posttraumatic Stress Disorder Consortium. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 935-948.	1.5	2
74	Identifying candidate gene effects by restricting search space in a multivariate genetic analysis of white matter microstructure. , 2014, , .		1
75	Adaptive algorithms to map how brain trauma affects anatomical connectivity in children. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
76	Mapping age effects along fiber tracts in young adults. , 2017, 2017, 101-104.		1
77	108. Hippocampal Subfield Volumes Relate to Unique Phenotypes of PTSD: International Analysis by the PGC-ENIGMA PTSD Working Group. <i>Biological Psychiatry</i> , 2019, 85, S45.	1.3	1
78	ENIGMA pediatric msTBI: preliminary results from meta-analysis of diffusion MRI. , 2018, , .		1
79	Fiber Tracking in Traumatic Brain Injury: Comparison of 9 Tractography Algorithms. <i>Lecture Notes in Computer Science</i> , 2016, , 33-44.	1.3	0
80	251. Diverging Cognitive Trajectories in Pediatric Moderate to Severe Traumatic Brain Injury. <i>Biological Psychiatry</i> , 2017, 81, S103.	1.3	0
81	Identifying Configurational Abnormalities in Alzheimer's Disease Progression Using Multi-View Structure Connectome. , 2019, , .		0
82	111. Lower White Matter Integrity in PTSD: Results From the PGC-Enigma PTSD Working Group. <i>Biological Psychiatry</i> , 2019, 85, S46.	1.3	0
83	Genetics of brain networks and connectivity. , 2019, , 155-179.		0
84	Multisite ENIGMA and PGC Consortium Findings From Multimodal Neuroimaging of Posttraumatic Stress Disorder (PTSD). <i>Biological Psychiatry</i> , 2020, 87, S25-S26.	1.3	0
85	Multi-modal Registration Improves Group Discrimination in Pediatric Traumatic Brain Injury. <i>Lecture Notes in Computer Science</i> , 2016, 10154, 32-42.	1.3	0
86	Tract-based spectroscopy to investigate pediatric brain trauma. , 2017, , .		0
87	Altered network topology in pediatric traumatic brain injury. , 2017, , .		0
88	Examination of corticothalamic fiber projections in United States service members with mild traumatic brain injury. , 2017, , .		0