

Ana M Daugherty

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,470
citations

218592

26
h-index

233338

45
g-index

73
all docs

73
docs citations

73
times ranked

3431
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative comparison of 21 protocols for labeling hippocampal subfields and parahippocampal subregions in in vivo MRI: Towards a harmonized segmentation protocol. <i>NeuroImage</i> , 2015, 111, 526-541.	2.1	284
2	A harmonized segmentation protocol for hippocampal and parahippocampal subregions: Why do we need one and what are the key goals?. <i>Hippocampus</i> , 2017, 27, 3-11.	0.9	130
3	Age differences in hippocampal subfield volumes from childhood to late adulthood. <i>Hippocampus</i> , 2016, 26, 220-228.	0.9	123
4	Appraising the Role of Iron in Brain Aging and Cognition: Promises and Limitations of MRI Methods. <i>Neuropsychology Review</i> , 2015, 25, 272-287.	2.5	106
5	Striatal Iron Content Predicts Its Shrinkage and Changes in Verbal Working Memory after Two Years in Healthy Adults. <i>Journal of Neuroscience</i> , 2015, 35, 6731-6743.	1.7	92
6	Pathways to Brain Aging and Their Modifiers: Free-Radical-Induced Energetic and Neural Decline in Senescence (FRIENDS) Model - A Mini-Review. <i>Gerontology</i> , 2018, 64, 49-57.	1.4	88
7	Aerobic fitness, hippocampal viscoelasticity, and relational memory performance. <i>NeuroImage</i> , 2017, 153, 179-188.	2.1	87
8	Effects of a randomized exercise trial on physical activity, psychological distress and quality of life in older adults. <i>General Hospital Psychiatry</i> , 2017, 49, 44-50.	1.2	85
9	Hippocampal subfield volumetry from structural isotropic 1.5mm ³ MRI scans: A note of caution. <i>Human Brain Mapping</i> , 2021, 42, 539-550.	1.9	84
10	The Role of Hippocampal Iron Concentration and Hippocampal Volume in Age-Related Differences in Memory. <i>Cerebral Cortex</i> , 2013, 23, 1533-1541.	1.6	83
11	Age-related differences in iron content of subcortical nuclei observed in vivo: A meta-analysis. <i>NeuroImage</i> , 2013, 70, 113-121.	2.1	82
12	Hippocampal CA3-dentate gyrus volume uniquely linked to improvement in associative memory from childhood to adulthood. <i>NeuroImage</i> , 2017, 153, 75-85.	2.1	72
13	Accumulation of iron in the putamen predicts its shrinkage in healthy older adults: A multi-occasion longitudinal study. <i>NeuroImage</i> , 2016, 128, 11-20.	2.1	64
14	Volume of the hippocampal subfields in healthy adults: differential associations with age and a pro-inflammatory genetic variant. <i>Brain Structure and Function</i> , 2015, 220, 2663-2674.	1.2	60
15	Vascular Risk Moderates Associations between Hippocampal Subfield Volumes and Memory. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1851-1862.	1.1	58
16	Regional brain shrinkage and change in cognitive performance over two years: The bidirectional influences of the brain and cognitive reserve factors. <i>NeuroImage</i> , 2016, 126, 15-26.	2.1	57
17	Regional Brain Volumes Moderate, but Do Not Mediate, the Effects of Group-Based Exercise Training on Reductions in Loneliness in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 110.	1.7	51
18	Socioeconomic status and hippocampal volume in children and young adults. <i>Developmental Science</i> , 2018, 21, e12561.	1.3	49

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19	Models of first responder coping: Police officers as a unique population. <i>Stress and Health</i> , 2018, 34, 612-621.	1.4	47
20	Regional brain shrinkage over two years: Individual differences and effects of pro-inflammatory genetic polymorphisms. <i>NeuroImage</i> , 2014, 103, 334-348.	2.1	45
21	Differential Effects of Physiological Arousal Following Acute Stress on Police Officer Performance in a Simulated Critical Incident. <i>Frontiers in Psychology</i> , 2019, 10, 759.	1.1	37
22	Optimization and validation of automated hippocampal subfield segmentation across the lifespan. <i>Human Brain Mapping</i> , 2018, 39, 916-931.	1.9	36
23	Progress update from the hippocampal subfields group. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 439-449.	1.2	34
24	Developmental variation in regional brain iron and its relation to cognitive functions in childhood. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 18-26.	1.9	33
25	Path Complexity in Virtual Water Maze Navigation: Differential Associations with Age, Sex, and Regional Brain Volume. <i>Cerebral Cortex</i> , 2015, 25, 3122-3131.	1.6	32
26	Differences in Brain Architecture in Remote Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 3280-3287.	1.7	32
27	A virtual water maze revisited: Two-year changes in navigation performance and their neural correlates in healthy adults. <i>NeuroImage</i> , 2017, 146, 492-506.	2.1	32
28	Changes in Search Path Complexity and Length During Learning of a Virtual Water Maze: Age Differences and Differential Associations with Hippocampal Subfield Volumes. <i>Cerebral Cortex</i> , 2016, 26, 2391-2401.	1.6	30
29	Differential Functional Connectivity in Anterior and Posterior Hippocampus Supporting the Development of Memory Formation. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 204.	1.0	30
30	Effect of Aging on the Viscoelastic Properties of Hippocampal Subfields Assessed with High-Resolution MR Elastography. <i>Cerebral Cortex</i> , 2021, 31, 2799-2811.	1.6	28
31	Multi-modal fitness and cognitive training to enhance fluid intelligence. <i>Intelligence</i> , 2018, 66, 32-43.	1.6	27
32	Jugular Venous Flow Abnormalities in Multiple Sclerosis Patients Compared to Normal Controls. <i>Journal of Neuroimaging</i> , 2015, 25, 600-607.	1.0	25
33	Striatal iron content is linked to reduced fronto-striatal brain function under working memory load. <i>NeuroImage</i> , 2020, 210, 116544.	2.1	23
34	Turning bias in virtual spatial navigation: Age-related differences and neuroanatomical correlates. <i>Biological Psychology</i> , 2014, 96, 8-19.	1.1	22
35	A reliable and valid method for manual demarcation of hippocampal head, body, and tail. <i>International Journal of Developmental Neuroscience</i> , 2015, 41, 115-122.	0.7	22
36	Incident risk and progression of cerebral microbleeds in healthy adults: a multi-occasion longitudinal study. <i>Neurobiology of Aging</i> , 2017, 59, 22-29.	1.5	21

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37	Enhanced decision-making through multimodal training. <i>Npj Science of Learning</i> , 2019, 4, 11.	1.5	18
38	Magnetic Resonance Elastography of Human Hippocampal Subfields: CA3-Dentate Gyrus Viscoelasticity Predicts Relational Memory Accuracy. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1704-1713.	1.1	17
39	Grasp force matching and brain iron content estimated in vivo in older women. <i>Brain Imaging and Behavior</i> , 2014, 8, 579-587.	1.1	15
40	Active Experiencing Training Improves Episodic Memory Recall in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 133.	1.7	15
41	Genetic predisposition for inflammation exacerbates effects of striatal iron content on cognitive switching ability in healthy aging. <i>NeuroImage</i> , 2019, 185, 471-478.	2.1	14
42	Individual differences in the neurobiology of fluid intelligence predict responsiveness to training: Evidence from a comprehensive cognitive, mindfulness meditation, and aerobic exercise intervention. <i>Trends in Neuroscience and Education</i> , 2020, 18, 100123.	1.5	14
43	Backward walking sensitively detects fallers in persons with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 45, 102390.	0.9	14
44	Cognitive reserve and depression predict subjective reports of successful aging. <i>Archives of Gerontology and Geriatrics</i> , 2020, 90, 104137.	1.4	13
45	Hypertension-related risk for dementia: A summary review with future directions. <i>Seminars in Cell and Developmental Biology</i> , 2021, 116, 82-89.	2.3	13
46	That's a good one! Belief in efficacy of mnemonic strategies contributes to age-related increase in associative memory. <i>Journal of Experimental Child Psychology</i> , 2015, 136, 17-29.	0.7	12
47	Jugular Anomalies in Multiple Sclerosis Are Associated with Increased Collateral Venous Flow. <i>American Journal of Neuroradiology</i> , 2017, 38, 1617-1622.	1.2	12
48	Prevalence of mental health symptoms in residential healthcare workers in Michigan during the covid-19 pandemic. <i>Psychiatry Research</i> , 2020, 291, 113266.	1.7	12
49	Neuroimaging measures of iron and gliosis explain memory performance in aging. <i>Human Brain Mapping</i> , 2021, 42, 5761-5770.	1.9	12
50	Effects of Gait Self-Efficacy and Lower-Extremity Physical Function on Dual-Task Performance in Older Adults. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	11
51	Contribution of iron and A β to age differences in entorhinal and hippocampal subfield volume. <i>Neurology</i> , 2020, 95, e2586-e2594.	1.5	11
52	Inflammation and Trauma-Related Psychopathology in Syrian and Iraqi Refugees. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2020, 10, 75.	1.0	8
53	Test-retest reliability of hippocampal subfield volumes in a developmental sample: Implications for longitudinal developmental studies. <i>Journal of Neuroscience Research</i> , 2021, 99, 2327-2339.	1.3	8
54	COVID-19 as a risk factor for Alzheimer's disease and related dementia: A perspective from Detroit, MI. <i>Psychiatry Research</i> , 2020, 294, 113557.	1.7	7

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55	Slowed processing speed contributes to cognitive deficits in amnestic and non-amnestic mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2020, 16, e043163.	0.4	6
56	Age differences in arterial and venous extra-cerebral blood flow in healthy adults: contributions of vascular risk factors and genetic variants. <i>Brain Structure and Function</i> , 2017, 222, 2641-2653.	1.2	5
57	Post-task modulation of resting state EEG differentiates MCI patients from controls. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12153.	1.2	4
58	Laptop-Administered NIH Toolbox and Cogstate Brief Battery in Community-Dwelling Black Adults: Unexpected Pattern of Cognitive Performance between MCI and Healthy Controls. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 239-248.	1.2	4
59	Mental Health in Residential Healthcare Workers During the COVID-19 Pandemic: The Moderating Role of Selfobject Needs. <i>Frontiers in Psychiatry</i> , 2021, 12, 596618.	1.3	4
60	The Application of the Rorschach Inkblot Test in the Study of Neural and Cognitive Aging. <i>Rorschachiana</i> , 2020, 41, 1-18.	0.3	3
61	P2060: A Harmonized Protocol for Medial Temporal Lobe Subfield Segmentation: Initial Results of The 3Tesla Protocol For The Hippocampal Body. <i>Alzheimer's and Dementia</i> , 2016, 12, P631.	0.4	2
62	The development of a valid, reliable, harmonized segmentation protocol for hippocampal subfields and medial temporal lobe cortices: A progress update. <i>Alzheimer's and Dementia</i> , 2020, 16, e046652.	0.4	2
63	Comorbid Conditions Differentiate Rehabilitation Profiles in Traumatic Versus Nontraumatic Brain Injury: A Retrospective Analysis Using a Medical Database. <i>Journal of Head Trauma Rehabilitation</i> , 2020, 35, E524-E534.	1.0	2
64	Can a Theater Acting Intervention Enhance Inhibitory Control in Older Adults? A Brain-Behavior Investigation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 583220.	1.0	1
65	P4-258: Towards a harmonized protocol for hippocampal subfield segmentation: An update. , 2015, 11, P881-P881.		0
66	P4591: THE DEVELOPMENT OF A HARMONIZED SEGMENTATION PROTOCOL FOR HIPPOCAMPAL SUBFIELDS: AN UPDATE. <i>Alzheimer's and Dementia</i> , 2019, 15, P1549.	0.4	0
67	A performance-based measure of emotion response control: A preliminary MRI study. <i>Scandinavian Journal of Psychology</i> , 2021, 62, 321-327.	0.8	0