

# 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  | 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         |
| 2  | Hippocampal subfield volumetry from structural isotropic 1.5mm <sup>3</sup> MRI scans: A note of caution. <i>Human Brain Mapping</i> , 2021, 42, 539-550.  | 1.9 | 84        |
| 3  | 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        |
| 4  | 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         |
| 5  | 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         |
| 6  | 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         |
| 7  | 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        |
| 8  | Neuroimaging measures of iron and gliosis explain memory performance in aging. <i>Human Brain Mapping</i> , 2021, 42, 5761-5770.   | 1.9 | 12        |
| 9  | 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         |
| 10 | 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         |
| 11 | 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        |
| 12 | 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         |
| 13 | Backward walking sensitively detects fallers in persons with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 45, 102390.   | 0.9 | 14        |
| 14 | Contribution of iron and A $\beta$ to age differences in entorhinal and hippocampal subfield volume. <i>Neurology</i> , 2020, 95, e2586-e2594.   | 1.5 | 11        |
| 15 | 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         |
| 16 | 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        |
| 17 | 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        |
| 18 | Cognitive reserve and depression predict subjective reports of successful aging. <i>Archives of Gerontology and Geriatrics</i> , 2020, 90, 104137.   | 1.4 | 13        |

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|----|---|-----|-----------|
| 19 | 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        |
| 20 | Striatal iron content is linked to reduced fronto-striatal brain function under working memory load. <i>NeuroImage</i> , 2020, 210, 116544.   | 2.1 | 23        |
| 21 | Inflammation and Trauma-Related Psychopathology in Syrian and Iraqi Refugees. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2020, 10, 75.   | 1.0 | 8         |
| 22 | 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         |
| 23 | 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         |
| 24 | Slowed processing speed contributes to cognitive deficits in amnesic and non-amnesic mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2020, 16, e043163.  | 0.4 | 6         |
| 25 | Enhanced decision-making through multimodal training. <i>Npj Science of Learning</i> , 2019, 4, 11.   | 1.5 | 18        |
| 26 | 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        |
| 27 | 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        |
| 28 | 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         |
| 29 | 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        |
| 30 | 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        |
| 31 | Socioeconomic status and hippocampal volume in children and young adults. <i>Developmental Science</i> , 2018, 21, e12561.  | 1.3 | 49        |
| 32 | Multi-modal fitness and cognitive training to enhance fluid intelligence. <i>Intelligence</i> , 2018, 66, 32-43.  | 1.6 | 27        |
| 33 | Optimization and validation of automated hippocampal subfield segmentation across the lifespan. <i>Human Brain Mapping</i> , 2018, 39, 916-931.   | 1.9 | 36        |
| 34 | 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        |
| 35 | Models of first responder coping: Police officers as a unique population. <i>Stress and Health</i> , 2018, 34, 612-621.   | 1.4 | 47        |
| 36 | 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         |

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|----|--|-----|-----------|
| 37 | 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        |
| 38 | 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        |
| 39 | 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        |
| 40 | Aerobic fitness, hippocampal viscoelasticity, and relational memory performance. <i>NeuroImage</i> , 2017, 153, 179-188.   | 2.1 | 87        |
| 41 | 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        |
| 42 | Differences in Brain Architecture in Remote Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 3280-3287.  | 1.7 | 32        |
| 43 | 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       |
| 44 | 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        |
| 45 | 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        |
| 46 | Active Experiencing Training Improves Episodic Memory Recall in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 133.   | 1.7 | 15        |
| 47 | 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        |
| 48 | Age differences in hippocampal subfield volumes from childhood to late adulthood. <i>Hippocampus</i> , 2016, 26, 220-228.  | 0.9 | 123       |
| 49 | P2â€œ60: A Harmonized Protocol for Medial Temporal Lobe Subfield Segmentation: Initial Results of The 3â€œtesla Protocol For The Hippocampal Body. <i>Alzheimer's and Dementia</i> , 2016, 12, P631.                 | 0.4 | 2         |
| 50 | 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        |
| 51 | 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        |
| 52 | 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        |
| 53 | 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        |
| 54 | Jugular Venous Flow Abnormalities in Multiple Sclerosis Patients Compared to Normal Controls. <i>Journal of Neuroimaging</i> , 2015, 25, 600-607.  | 1.0 | 25        |

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|----|---|-----|-----------|
| 55 | P4-258: Towards a harmonized protocol for hippocampal subfield segmentation: An update. , 2015, 11, P881-P881.  |     | 0         |
| 56 | 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        |
| 57 | 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       |
| 58 | 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        |
| 59 | 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        |
| 60 | 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       |
| 61 | 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        |
| 62 | 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        |
| 63 | 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        |
| 64 | Turning bias in virtual spatial navigation: Age-related differences and neuroanatomical correlates. <i>Biological Psychology</i> , 2014, 96, 8-19.  | 1.1 | 22        |
| 65 | 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        |
| 66 | Vascular Risk Moderates Associations between Hippocampal Subfield Volumes and Memory. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1851-1862.   | 1.1 | 58        |
| 67 | 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        |