

Jonathan H Burdette

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

775
citations

777949

13
h-index

591227

27
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31
all docs

31
docs citations

31
times ranked

1731
citing authors

#	ARTICLE	IF	CITATIONS
1	Children with chronic nausea and orthostatic intolerance have unique brain network organization: A case-control trial. <i>Neurogastroenterology and Motility</i> , 2022, 34, e14271.	1.6	0
2	Longitudinal relationship of baseline functional brain networks with intentional weight loss in older adults. <i>Obesity</i> , 2022, 30, 902-910.	1.5	2
3	Altered default mode network associated with pesticide exposure in Latinx children from rural farmworker families. <i>NeuroImage</i> , 2022, 256, 119179.	2.1	7
4	Effects of a Motor Imagery Task on Functional Brain Network Community Structure in Older Adults: Data from the Brain Networks and Mobility Function (B-NET) Study. <i>Brain Sciences</i> , 2021, 11, 118.	1.1	5
5	Therapeutic Instrumental Music Training and Motor Imagery in Post-Stroke Upper-Extremity Rehabilitation: A Randomized-Controlled Pilot Study. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2021, 3, 100162.	0.5	6
6	Embedding Functional Brain Networks in Low Dimensional Spaces Using Manifold Learning Techniques. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 740143.	1.3	5
7	Transitioning From Radiology Training to Academic Faculty: The Importance of Mentorship. <i>Current Problems in Diagnostic Radiology</i> , 2020, 49, 219-223.	0.6	12
8	Transitioning from Radiology Training to Academic Faculty: Defining Your Role and Interests. <i>Current Problems in Diagnostic Radiology</i> , 2020, 49, 227-230.	0.6	3
9	Functional Brain Networks: Unique Patterns with Hedonic Appetite and Confidence to Resist Eating in Older Adults with Obesity. <i>Obesity</i> , 2020, 28, 2379-2388.	1.5	8
10	COVID-19-associated Leukoencephalopathy. <i>Radiology</i> , 2020, 296, E184-E185.	3.6	60
11	Using Low-Dimensional Manifolds to Map Relationships Between Dynamic Brain Networks. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 430.	1.0	12
12	Functional Brain Network Changes Following Use of an Allostatic, Closed-Loop, Acoustic Stimulation Neurotechnology for Military-Related Traumatic Stress. <i>Journal of Neuroimaging</i> , 2019, 29, 70-78.	1.0	10
13	Dynamic fMRI networks predict success in a behavioral weight loss program among older adults. <i>NeuroImage</i> , 2018, 173, 421-433.	2.1	29
14	Community Weight Loss to Combat Obesity and Disability in At-Risk Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw252.	1.7	44
15	Effects of supervised exercise and dietary nitrate in older adults with controlled hypertension and/or heart failure with preserved ejection fraction. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 69, 78-90.	1.2	51
16	The impacts of pesticide and nicotine exposures on functional brain networks in Latino immigrant workers. <i>NeuroToxicology</i> , 2017, 62, 138-150.	1.4	16
17	Effect of Exercise Type During Intentional Weight Loss on Body Composition in Older Adults with Obesity. <i>Obesity</i> , 2017, 25, 1823-1829.	1.5	49
18	Arterial spin labeling perfusion imaging demonstrates cerebral hyperperfusion in anti-NMDAR encephalitis. <i>Radiology Case Reports</i> , 2017, 12, 833-837.	0.2	31

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19	Baseline gray and white matter volume predict successful weight loss in the elderly. <i>Obesity</i> , 2016, 24, 2475-2480.	1.5	6
20	Moderate-Heavy Alcohol Consumption Lifestyle in Older Adults Is Associated with Altered Central Executive Network Community Structure during Cognitive Task. <i>PLoS ONE</i> , 2016, 11, e0160214.	1.1	24
21	Changes in Brain Network Efficiency and Working Memory Performance in Aging. <i>PLoS ONE</i> , 2015, 10, e0123950.	1.1	86
22	Assessing Walking Activity in Older Adults: Development and Validation of a Novel Computer-Animated Assessment Tool. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1555-1561.	1.7	18
23	Graph Theory Analysis of Functional Brain Networks and Mobility Disability in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 1399-1406.	1.7	24
24	Power of food moderates food craving, perceived control, and brain networks following a short-term post-absorptive state in older adults. <i>Appetite</i> , 2012, 58, 806-813.	1.8	32
25	The Brain as a Complex System: Using Network Science as a Tool for Understanding the Brain. <i>Brain Connectivity</i> , 2011, 1, 295-308.	0.8	225
26	Universal fractal scaling of self-organized networks. <i>Nature Precedings</i> , 2010, , .	0.1	1
27	Universal fractal scaling of self-organized networks. <i>Nature Precedings</i> , 2010, , .	0.1	0
28	“Cerebral Infarction Diagnosis by Computerized Tomography: Analysis and Evaluation of Findings” How Far Have We Really Come?. <i>American Journal of Roentgenology</i> , 2006, 186, 611-612.	1.0	4
29	Functional MR Imaging to Evaluate Sensory Processing in Dyslexia. <i>Academic Radiology</i> , 2002, 9, 1062-1063.	1.3	2