

David Berron

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,609
citations

304368

22
h-index

315357

38
g-index

58
all docs

58
docs citations

58
times ranked

3346
citing authors

#	ARTICLE	IF	CITATIONS
1	Running-Induced Systemic Cathepsin B Secretion Is Associated with Memory Function. <i>Cell Metabolism</i> , 2016, 24, 332-340.	7.2	375
2	Strong Evidence for Pattern Separation in Human Dentate Gyrus. <i>Journal of Neuroscience</i> , 2016, 36, 7569-7579.	1.7	195
3	Functional subregions of the human entorhinal cortex. <i>ELife</i> , 2015, 4, .	2.8	190
4	Associations of Plasma Phospho-Tau217 Levels With Tau Positron Emission Tomography in Early Alzheimer Disease. <i>JAMA Neurology</i> , 2021, 78, 149.	4.5	176
5	Medial temporal lobe connectivity and its associations with cognition in early Alzheimer's disease. <i>Brain</i> , 2020, 143, 1233-1248.	3.7	164
6	Alzheimer's pathology targets distinct memory networks in the ageing brain. <i>Brain</i> , 2019, 142, 2492-2509.	3.7	131
7	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
8	Age-related functional changes in domain-specific medial temporal lobe pathways. <i>Neurobiology of Aging</i> , 2018, 65, 86-97.	1.5	118
9	A protocol for manual segmentation of medial temporal lobe subregions in 7 Tesla MRI. <i>NeuroImage: Clinical</i> , 2017, 15, 466-482.	1.4	111
10	Big-Loop Recurrence within the Hippocampal System Supports Integration of Information across Episodes. <i>Neuron</i> , 2018, 99, 1342-1354.e6.	3.8	110
11	Imaging biomarkers in neurodegeneration: current and future practices. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 49.	3.0	96
12	Laminar activity in the hippocampus and entorhinal cortex related to novelty and episodic encoding. <i>Nature Communications</i> , 2014, 5, 5547.	5.8	90
13	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
14	Early stages of tau pathology and its associations with functional connectivity, atrophy and memory. <i>Brain</i> , 2021, 144, 2771-2783.	3.7	78
15	Higher CSF Tau Levels Are Related to Hippocampal Hyperactivity and Object Mnemonic Discrimination in Older Adults. <i>Journal of Neuroscience</i> , 2019, 39, 8788-8797.	1.7	64
16	Current advances in digital cognitive assessment for preclinical Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12217.	1.2	63
17	Holistic Recollection via Pattern Completion Involves Hippocampal Subfield CA3. <i>Journal of Neuroscience</i> , 2019, 39, 8100-8111.	1.7	50
18	Hippocampal vascularization patterns: A high-resolution 7 Tesla time-of-flight magnetic resonance angiography study. <i>NeuroImage: Clinical</i> , 2019, 21, 101609.	1.4	47

#	ARTICLE	IF	CITATIONS
19	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
20	Characterization of hippocampal subfields using ex vivo MRI and histology data: Lessons for in vivo segmentation. <i>Hippocampus</i> , 2020, 30, 545-564.	0.9	31
21	Parsing the Role of the Hippocampus in Approach-Avoidance Conflict. <i>Cerebral Cortex</i> , 2017, 27, 201-215.	1.6	27
22	CSF total tau levels are associated with hippocampal novelty irrespective of hippocampal volume. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 782-790.	1.2	26
23	18F-Flortaucipir in TDP-43 associated frontotemporal dementia. <i>Scientific Reports</i> , 2019, 9, 6082.	1.6	26
24	Context-specific activation of hippocampus and SN/VTA by reward is related to enhanced long-term memory for embedded objects. <i>Neurobiology of Learning and Memory</i> , 2016, 134, 65-77.	1.0	21
25	Time between milestone events in the Alzheimer's disease amyloid cascade. <i>NeuroImage</i> , 2021, 227, 117676.	2.1	20
26	European Ultrahigh-Field Imaging Network for Neurodegenerative Diseases (EUFIND). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 538-549.	1.2	17
27	Memorability of photographs in subjective cognitive decline and mild cognitive impairment: Implications for cognitive assessment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 610-618.	1.2	17
28	Age impairs mnemonic discrimination of objects more than scenes: A web-based, large-scale approach across the lifespan. <i>Cortex</i> , 2021, 137, 138-148.	1.1	17
29	Amyloid pathology but not APOE ϵ 4 status is permissive for tau-related hippocampal dysfunction. <i>Brain</i> , 2022, 145, 1473-1485.	3.7	17
30	Reduced Repetition Suppression in Aging is Driven by Tau-Related Hyperactivity in Medial Temporal Lobe. <i>Journal of Neuroscience</i> , 2021, 41, 3917-3931.	1.7	16
31	Feasibility of Digital Memory Assessments in an Unsupervised and Remote Study Setting. <i>Frontiers in Digital Health</i> , 0, 4, .	1.5	12
32	Neural Control of Enhanced Filtering Demands in a Combined Flanker and Garner Conflict Task. <i>PLoS ONE</i> , 2015, 10, e0120582.	1.1	10
33	Content-specific vulnerability of recent episodic memories in Alzheimer's disease. <i>Neuropsychologia</i> , 2021, 160, 107976.	0.7	10
34	Memory Image Completion: Establishing a task to behaviorally assess pattern completion in humans. <i>Hippocampus</i> , 2019, 29, 340-351.	0.9	9
35	Forecasting memory function in aging: pattern-completion ability and hippocampal activity relate to visuospatial functioning over 25 years. <i>Neurobiology of Aging</i> , 2020, 94, 217-226.	1.5	4
36	[P122]: WHAT IS MEMORABLE IS CONSERVED ACROSS HEALTHY AGING, EARLY ALZHEIMER'S DISEASE, AND NEURAL NETWORKS. <i>Alzheimer's and Dementia</i> , 2017, 13, P287.	0.4	2

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37	Feasibility of mobile app-based assessment of memory functions: Insights from a citizen science study. <i>Alzheimer's and Dementia</i> , 2020, 16, e039149.	0.4	1
38	Medial temporal lobe hyperactivity during memory processing in older adults is associated with entorhinal tau deposition. <i>Alzheimer's and Dementia</i> , 2020, 16, e045507.	0.4	1
39	Bayesian modeling of item heterogeneity in dichotomous recognition memory data and prospects for computerized adaptive testing. <i>Scientific Reports</i> , 2022, 12, 1250.	1.6	1
40	Early stages of tau pathology and its associations with functional connectivity, atrophy and memory. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	1
41	[P3-372]: DOMAIN-SPECIFIC MNEMONIC DISCRIMINATION IN AGEING AND EARLY STAGES OF ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1100.	0.4	0
42	[P4-532]: OBJECT AND SCENE MEMORY ARE DIFFERENTIALLY ASSOCIATED WITH CSF MARKERS OF ALZHEIMER'S DISEASE AND MRI VOLUMETRY. <i>Alzheimer's and Dementia</i> , 2017, 13, P1553.	0.4	0
43	ICP-101: EFFECTS OF TAU AND AMYLOID DEPOSITION MEASURED BY PET ON DOMAIN-SPECIFIC MEMORY FUNCTION IN OLD AGE. <i>Alzheimer's and Dementia</i> , 2018, 14, P87.	0.4	0
44	F1-04-04: EFFECTS OF TAU AND AMYLOID DEPOSITION MEASURED BY PET ON DOMAIN-SPECIFIC MEMORY FUNCTION IN OLD AGE. <i>Alzheimer's and Dementia</i> , 2018, 14, P207.	0.4	0
45	Tau, neural function, and episodic memory in the medial temporal lobe. <i>Alzheimer's and Dementia</i> , 2020, 16, e037499.	0.4	0