Dorothea HÃ¤mmerer

List of Publications by Year
in descending order

28 papers	1,620 citations	535685 17 h-index	651938 25 g-index
31 all docs	31 docs citations	31 times ranked	2400 citing authors

#	Article	IF	Citations
1	Current challenges in reliably targeting the noradrenergic locus coeruleus using transcutaneous auricular vagus nerve stimulation (taVNS). Autonomic Neuroscience: Basic and Clinical, 2021, 236, 102900.	1.4	19
2	CSF and PET biomarkers for noradrenergic dysfunction in neurodegenerative disease: A systematic review and metaâ€analysis. Alzheimer's and Dementia, 2021, 17, .	0.4	0
3	A proposition for analyses and reporting standards for structural and functional magnetic resonance imaging of the noradrenergic locus coeruleus. Alzheimer's and Dementia, 2021, 17, .	0.4	0
4	Automated segmentation of the locus coeruleus in aging and Alzheimer's disease using 3T neuromelanin-sensitive MRI.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e052564.	0.4	0
5	Interrogating the role of the noradrenergic locus coeruleus in memory encoding in aging. Alzheimer's and Dementia, 2020, 16, e044039.	0.4	1
6	Functional indicators of a decline in the noradrenergic locus coeruleus in ageing. Alzheimer's and Dementia, 2020, 16, e044582.	0.4	0
7	Maturation- and aging-related differences in electrophysiological correlates of error detection and error awareness. Neuropsychologia, 2020, 143, 107476.	0.7	9
8	Noradrenergic-dependent functions are associated with age-related locus coeruleus signal intensity differences. Nature Communications, 2020, 11, 1712.	5.8	74
9	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). Frontiers in Human Neuroscience, 2020, 14, 568051.	1.0	143
10	Locus coeruleus imaging as a biomarker for noradrenergic dysfunction in neurodegenerative diseases. Brain, 2019, 142, 2558-2571.	3.7	219
11	Interactive effects of dopamine transporter genotype and aging on resting-state functional networks. PLoS ONE, 2019, 14, e0215849.	1.1	4
12	ICâ€Pâ€119: TARGETING THE NORADRENERGIC SYSTEM IN AEGING AND EARLY ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2019, 15, P100.	0.4	1
13	InÂvivo visualization of age-related differences in the locus coeruleus. Neurobiology of Aging, 2019, 74, 101-111.	1.5	117
14	Older adults fail to form stable task representations during model-based reversal inference. Neurobiology of Aging, 2019, 74, 90-100.	1.5	14
15	Locus coeruleus integrity in old age is selectively related to memories linked with salient negative events. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2228-2233.	3.3	104
16	Commentary: Locus Coeruleus Ablation Exacerbates Cognitive Deficits, Neuropathology, and Lethality in P301S Tau Transgenic Mice. Frontiers in Neuroscience, 2018, 12, 401.	1.4	7
17	Magnetic resonance imaging of the human locus coeruleus: A systematic review. Neuroscience and Biobehavioral Reviews, 2017, 83, 325-355.	2.9	124
18	Emotional arousal and recognition memory are differentially reflected in pupil diameter responses during emotional memory for negative events in younger and older adults. Neurobiology of Aging, 2017, 58, 129-139.	1.5	20

#	Article	IF	Citations
19	Sequential inference as a mode of cognition and its correlates in fronto-parietal and hippocampal brain regions. PLoS Computational Biology, 2017, 13, e1005418.	1.5	18
20	Biâ€directional modulation of somatosensory mismatch negativity with transcranial direct current stimulation: an event related potential study. Journal of Physiology, 2014, 592, 745-757.	1.3	38
21	Performance monitoring across the lifespan: Still maturing post-conflict regulation in children and declining task-set monitoring in older adults. Neuroscience and Biobehavioral Reviews, 2014, 46, 105-123.	2.9	34
22	Lower theta inter-trial phase coherence during performance monitoring is related to higher reaction time variability: A lifespan study. NeuroImage, 2013, 83, 912-920.	2.1	74
23	A lifespan comparison of the reliability, testâ€retest stability, and signalâ€toâ€noise ratio of eventâ€related potentials assessed during performance monitoring. Psychophysiology, 2013, 50, 111-123.	1.2	43
24	Effects of PPP1R1B (DARPP-32) Polymorphism on Feedback-Related Brain Potentials Across the Life Span. Frontiers in Psychology, 2013, 4, 89.	1.1	11
25	Dopaminergic and prefrontal contributions to reward-based learning and outcome monitoring during child development and aging.. Developmental Psychology, 2012, 48, 862-874.	1.2	60
26	Neuromodulation of rewardâ€based learning and decision making in human aging. Annals of the New York Academy of Sciences, 2011, 1235, 1-17.	1.8	181
27	Life Span Differences in Electrophysiological Correlates of Monitoring Gains and Losses during Probabilistic Reinforcement Learning. Journal of Cognitive Neuroscience, 2011, 23, 579-592.	1.1	156
28	An electrophysiological study of response conflict processing across the lifespan: Assessing the roles of conflict monitoring, cue utilization, response anticipation, and response suppression. Neuropsychologia, 2010, 48, 3305-3316.	0.7	103