

Markus Werkle-Bergner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5458630/publications.pdf>

Version: 2024-02-01

60
papers

3,649
citations

159585

30
h-index

155660

55
g-index

88
all docs

88
docs citations

88
times ranked

3791
citing authors

#	ARTICLE	IF	CITATIONS
1	Episodic memory across the lifespan: The contributions of associative and strategic components. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 1080-1091.	6.1	251
2	Peak individual alpha frequency qualifies as a stable neurophysiological trait marker in healthy younger and older adults. <i>Psychophysiology</i> , 2013, 50, 570-582.	2.4	196
3	The Influence of Prior Knowledge on Memory: A Developmental Cognitive Neuroscience Perspective. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 139.	2.0	191
4	Associative and strategic components of episodic memory: A life-span dissociation.. <i>Journal of Experimental Psychology: General</i> , 2008, 137, 495-513.	2.1	185
5	Precise Slow Oscillationâ€“Spindle Coupling Promotes Memory Consolidation in Younger and Older Adults. <i>Scientific Reports</i> , 2019, 9, 1940.	3.3	151
6	Individual alpha peak frequency is related to latent factors of general cognitive abilities. <i>NeuroImage</i> , 2013, 79, 10-18.	4.2	149
7	Rostral locus coeruleus integrity is associated with better memory performance in older adults. <i>Nature Human Behaviour</i> , 2019, 3, 1203-1214.	12.0	129
8	Hippocampal Subfield Volumes: Age, Vascular Risk, and Correlation with Associative Memory. <i>Frontiers in Aging Neuroscience</i> , 2011, 3, 2.	3.4	128
9	Cortical EEG correlates of successful memory encoding: Implications for lifespan comparisons. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 839-854.	6.1	121
10	Lifespan age differences in working memory: A two-component framework. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 2007-2033.	6.1	120
11	Hippocampal Maturation Drives Memory from Generalization to Specificity. <i>Trends in Cognitive Sciences</i> , 2018, 22, 676-686.	7.8	102
12	Differences in the neural signature of remembering schema-congruent and schema-incongruent events. <i>NeuroImage</i> , 2015, 117, 358-366.	4.2	99
13	Hippocampal maturity promotes memory distinctiveness in childhood and adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9212-9217.	7.1	97
14	Brain oscillatory correlates of working memory constraints. <i>Brain Research</i> , 2011, 1375, 93-102.	2.2	93
15	Adult age differences in memory for nameâ€“face associations: The effects of intentional and incidental learning. <i>Memory</i> , 2009, 17, 220-232.	1.7	84
16	Single-trial characterization of neural rhythms: Potential and challenges. <i>NeuroImage</i> , 2020, 206, 116331.	4.2	84
17	Neuromodulation of associative and organizational plasticity across the life span: Empirical evidence and neurocomputational modeling. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 775-790.	6.1	83
18	Contralateral Delay Activity Reveals Life-Span Age Differences in Top-Down Modulation of Working Memory Contents. <i>Cerebral Cortex</i> , 2011, 21, 2809-2819.	2.9	78

#	ARTICLE	IF	CITATIONS
19	Amplitude modulations and inter-trial phase stability of alpha-oscillations differentially reflect working memory constraints across the lifespan. <i>NeuroImage</i> , 2012, 59, 646-654.	4.2	75
20	Humans strategically shift decision bias by flexibly adjusting sensory evidence accumulation. <i>ELife</i> , 2019, 8, .	6.0	71
21	Committing memory errors with high confidence: Older adults do but children don't. <i>Memory</i> , 2009, 17, 169-179.	1.7	70
22	Understanding the interplay of sleep and aging: Methodological challenges. <i>Psychophysiology</i> , 2020, 57, e13523.	2.4	64
23	EEG gamma-band synchronization in visual coding from childhood to old age: Evidence from evoked power and inter-trial phase locking. <i>Clinical Neurophysiology</i> , 2009, 120, 1291-1302.	1.5	54
24	Atypical working memory decline across the adult lifespan in autism spectrum disorder?. <i>Journal of Abnormal Psychology</i> , 2015, 124, 1014-1026.	1.9	54
25	Age differences in short-term memory binding are related to working memory performance across the lifespan.. <i>Psychology and Aging</i> , 2014, 29, 140-149.	1.6	52
26	Noradrenergic modulation of rhythmic neural activity shapes selective attention. <i>Trends in Cognitive Sciences</i> , 2022, 26, 38-52.	7.8	52
27	Locus coeruleus integrity is related to tau burden and memory loss in autosomal-dominant Alzheimer's disease. <i>Neurobiology of Aging</i> , 2022, 112, 39-54.	3.1	49
28	Binding and strategic selection in working memory: A lifespan dissociation.. <i>Psychology and Aging</i> , 2011, 26, 612-624.	1.6	48
29	Noradrenergic Responsiveness Supports Selective Attention across the Adult Lifespan. <i>Journal of Neuroscience</i> , 2020, 40, 4372-4390.	3.6	47
30	Behavioral correlates of changes in hippocampal gray matter structure during acquisition of foreign vocabulary. <i>NeuroImage</i> , 2016, 131, 205-213.	4.2	46
31	Microsaccade-related brain potentials signal the focus of visuospatial attention. <i>NeuroImage</i> , 2015, 104, 79-88.	4.2	41
32	The control of memory retrieval: Insights from event-related potentials. <i>Cognitive Brain Research</i> , 2005, 24, 599-614.	3.0	38
33	Optimization and validation of automated hippocampal subfield segmentation across the lifespan. <i>Human Brain Mapping</i> , 2018, 39, 916-931.	3.6	36
34	Locus coeruleus MRI contrast is associated with cortical thickness in older adults. <i>Neurobiology of Aging</i> , 2021, 100, 72-82.	3.1	36
35	On the estimation of brain signal entropy from sparse neuroimaging data. <i>Scientific Reports</i> , 2016, 6, 23073.	3.3	35
36	Progress update from the hippocampal subfields group. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 439-449.	2.4	34

#	ARTICLE	IF	CITATIONS
37	Age differences in false memory: The importance of retrieval monitoring processes and their modulation by memory quality.. Psychology and Aging, 2018, 33, 119-133.	1.6	30
38	Coordinated within-Trial Dynamics of Low-Frequency Neural Rhythms Controls Evidence Accumulation. Journal of Neuroscience, 2014, 34, 8519-8528.	3.6	29
39	Neural Pattern Similarity Differentially Relates to Memory Performance in Younger and Older Adults. Journal of Neuroscience, 2019, 39, 8089-8099.	3.6	29
40	Inter-individual performance differences in younger and older adults differentially relate to amplitude modulations and phase stability of oscillations controlling working memory contents. NeuroImage, 2012, 60, 71-82.	4.2	28
41	Episodic memory consolidation during sleep in healthy aging. Sleep Medicine Reviews, 2020, 52, 101304.	8.5	28
42	Memory quality modulates the effect of aging on memory consolidation during sleep: Reduced maintenance but intact gain. NeuroImage, 2020, 209, 116490.	4.2	25
43	Using within-subject pattern classification to understand lifespan age differences in oscillatory mechanisms of working memory selection and maintenance. NeuroImage, 2015, 118, 538-552.	4.2	20
44	Tracking Age Differences in Neural Distinctiveness across Representational Levels. Journal of Neuroscience, 2021, 41, 3499-3511.	3.6	20
45	The two-component model of memory development, and its potential implications for educational settings. Developmental Cognitive Neuroscience, 2012, 2, S67-S77.	4.0	17
46	Oscillatory Mechanisms of Successful Memory Formation in Younger and Older Adults Are Related to Structural Integrity. Cerebral Cortex, 2020, 30, 3744-3758.	2.9	17
47	Adult age differences in the benefit of syntactic and semantic constraints for sentence processing.. Psychology and Aging, 2019, 34, 43-55.	1.6	13
48	Diminished pre-stimulus alpha-lateralization suggests compromised self-initiated attentional control of auditory processing in old age. NeuroImage, 2019, 197, 414-424.	4.2	12
49	Memory specificity is linked to repetition effects in event-related potentials across the lifespan. Developmental Cognitive Neuroscience, 2021, 48, 100926.	4.0	9
50	Electrophysiological indicators of sleep-associated memory consolidation in 5- to 6-year-old children. Psychophysiology, 2021, 58, e13829.	2.4	9
51	Effects of age differences in memory formation on neural mechanisms of consolidation and retrieval. Seminars in Cell and Developmental Biology, 2021, 116, 135-145.	5.0	9
52	Adapting to changing memory retrieval demands: Evidence from event-related potentials. Brain and Cognition, 2009, 70, 123-135.	1.8	8
53	Rhythmic neural activity indicates the contribution of attention and memory to the processing of occluded movements in 10-month-old infants. International Journal of Psychophysiology, 2015, 98, 201-212.	1.0	7
54	False Recognition in Short-Term Memory – Age-Differences in Confidence. Frontiers in Psychology, 2019, 10, 2785.	2.1	7

#	ARTICLE	IF	CITATIONS
55	(Only) time can tell: Age differences in false memory are magnified at longer delays.. Psychology and Aging, 2020, 35, 473-483.	1.6	7
56	Age differences in diffusivity in the locus coeruleus and its ascending noradrenergic tract. NeuroImage, 2022, 251, 119022.	4.2	7
57	10-Month-Old Infants Are Sensitive to the Time Course of Perceived Actions: Eye-Tracking and EEG Evidence. Frontiers in Psychology, 2017, 8, 1170.	2.1	6
58	Spectral pattern similarity analysis: Tutorial and application in developmental cognitive neuroscience. Developmental Cognitive Neuroscience, 2022, 54, 101071.	4.0	4
59	Lower MRIâ€ indexed locus coeruleus integrity in autosomalâ€ dominant Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e047676.	0.8	3
60	The Center of Lifespan Psychology at the Max Planck Institute for Human Development: Conceptual Agenda and Illustration of Research Activities. Acta Psychologica Sinica, 2009, 41, 1102-1122.	0.7	0