Patrick D Gajewski

List of Publications by Year
in descending order

59	2,067	236612	253896
papers	citations	25 h-index	43 g-index

64	64	64	2326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ERPâ€"Correlates of response selection in a response conflict paradigm. Brain Research, 2008, 1189, 127-134.	1.1	189
2	Effects of task complexity on ERP components in Go/Nogo tasks. International Journal of Psychophysiology, 2013, 87, 273-278.	0.5	184
3	Physical activity and neurocognitive functioning in aging - a condensed updated review. European Review of Aging and Physical Activity, 2016, 13, 1.	1.3	98
4	What Does the n-Back Task Measure as We Get Older? Relations Between Working-Memory Measures and Other Cognitive Functions Across the Lifespan. Frontiers in Psychology, 2018, 9, 2208.	1.1	89
5	The Met-allele of the BDNF Val66Met polymorphism enhances task switching in elderly. Neurobiology of Aging, 2011, 32, 2327.e7-2327.e19.	1.5	87
6	Effects of aging and job demands on cognitive flexibility assessed by task switching. Biological Psychology, 2010, 85, 187-199.	1.1	85
7	Understanding sources of adult age differences in task switching: Evidence from behavioral and ERP studies. Neuroscience and Biobehavioral Reviews, 2018, 92, 255-275.	2.9	84
8	Training-Induced Improvement of Response Selection and Error Detection in Aging Assessed by Task Switching: Effects of Cognitive, Physical, and Relaxation Training. Frontiers in Human Neuroscience, 2012, 6, 130.	1.0	83
9	Electrophysiological correlates of residual switch costs. Cortex, 2010, 46, 1138-1148.	1.1	77
10	Toxoplasma gondii impairs memory in infected seniors. Brain, Behavior, and Immunity, 2014, 36, 193-199.	2.0	75
11	Diversity of the P3 in the task-switching paradigm. Brain Research, 2011, 1411, 87-97.	1.1	67
12	Unmasking selective path integration deficits in Alzheimerâ€™s disease risk carriers. Science Advances, 2020, 6, eaba1394.	4.7	55
13	Age-Related Differences in Working Memory Performance in A 2-Back Task. Frontiers in Psychology, 2011, 2, 186.	1.1	50
14	Latent Toxoplasma gondii infection leads to deficits in goal-directed behavior in healthy elderly. Neurobiology of Aging, 2014, 35, 1037-1044.	1.5	50
15	Long-term habitual physical activity is associated with lower distractibility in a Stroop interference task in aging: Behavioral and ERP evidence. Brain and Cognition, 2015, 98, 87-101.	0.8	49
16	BDNF Val66Met polymorphism and goal-directed behavior in healthy elderly â€" evidence from auditory distraction. NeuroImage, 2013, 64, 290-298.	2.1	46
17	Lifelong physical activity and executive functions in older age assessed by memory based task switching. Neuropsychologia, 2015, 73, 195-207.	0.7	43
18	The Met-genotype of the BDNF Val66Met polymorphism is associated with reduced Stroop interference in elderly. Neuropsychologia, 2012, 50, 3554-3563.	0.7	41

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19	Does age increase auditory distraction? Electrophysiological correlates of high andÂlow performance in seniors. Neurobiology of Aging, 2013, 34, 1952-1962.	1.5	41
20	Age-Related Effects on ERP and Oscillatory EEG-Dynamics in a 2-Back Task. Journal of Psychophysiology, 2014, 28, 162-177.	0.3	41
21	Neural Correlates of Changes in a Visual Search Task due to Cognitive Training in Seniors. Neural Plasticity, 2012, 2012, 1-11.	1.0	36
22	Stroop task performance across the lifespan: High cognitive reserve in older age is associated with enhanced proactive and reactive interference control. NeuroImage, 2020, 207, 116430.	2.1	35
23	Effects of Human Race and Face Inversion on the N170. Journal of Psychophysiology, 2008, 22, 157-165.	0.3	34
24	Age Differences in Memory-Based Task Switching With and Without Cues. Journal of Psychophysiology, 2014, 28, 187-201.	0.3	34
25	Cognitive Training Sustainably Improves Executive Functioning in Middle-Aged Industry Workers Assessed by Task Switching: A Randomized Controlled ERP Study. Frontiers in Human Neuroscience, 2017, 11, 81.	1.0	28
26	ERP and Behavioral Effects of Physical and Cognitive Training on Working Memory in Aging: A Randomized Controlled Study. Neural Plasticity, 2018, 2018, 1-12.	1.0	27
27	A Randomized Controlled ERP Study on the Effects of Multi-Domain Cognitive Training and Task Difficulty on Task Switching Performance in Older Adults. Frontiers in Human Neuroscience, 2017, 11, 184.	1.0	25
28	Preparation for a forthcoming task is sufficient to produce subsequent shift costs. Psychonomic Bulletin and Review, 2004, 11, 302-306.	1.4	23
29	ERP Correlates of Simulated Purchase Decisions. Frontiers in Neuroscience, 2016, 10, 360.	1.4	22
30	The functional tumor necrosis factor-Î± (308A/G) polymorphism modulates attentional selection in elderly individuals. Neurobiology of Aging, 2013, 34, 2694.e1-2694.e12.	1.5	20
31	Long-Term Cardiovascular Fitness Is Associated with Auditory Attentional Control in Old Adults: Neuro-Behavioral Evidence. PLoS ONE, 2013, 8, e74539.	1.1	20
32	Executive control, ERP and pro-inflammatory activity in emotionally exhausted middle-aged employees. Comparison between subclinical burnout and mild to moderate depression. Psychoneuroendocrinology, 2017, 86, 176-186.	1.3	18
33	Impact of Biological and Lifestyle Factors on Cognitive Aging and Work Ability in the Dortmund Vital Study: Protocol of an Interdisciplinary, Cross-sectional, and Longitudinal Study. JMIR Research Protocols, 2022, 11, e32352.	0.5	18
34	Effects of Working Memory Load on Performance and Cardiovascular Activity in Younger and Older Workers. International Journal of Behavioral Medicine, 2012, 19, 359-371.	0.8	16
35	The role of cue detection for prospective memory development across the lifespan. Neuropsychologia, 2016, 93, 289-300.	0.7	16
36	Neurocognition of aging in working environments. Journal for Labour Market Research, 2011, 44, 307-320.	1.1	15

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37	The futility of explicit knowledge of a sequence of tasks. European Journal of Cognitive Psychology, 2003, 15, 455-469.	1.3	14
38	Burnout is associated with changes in error and feedback processing. Biological Psychology, 2017, 129, 349-358.	1.1	14
39	Task Sets under Reconstruction: Effects of Partially Incorrect Precues. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2005, 58, 521-546.	2.3	12
40	The ultra-slow NAT2*6A haplotype is associated with reduced higher cognitive functions in an elderly study group. Archives of Toxicology, 2015, 89, 2291-2303.	1.9	11
41	Neuro-Behavioral Correlates of Post-Deviance Distraction in Middle-Aged and Old Adults. Journal of Psychophysiology, 2014, 28, 178-186.	0.3	10
42	Multidomain Cognitive Training Transfers to Attentional and Executive Functions in Healthy Older Adults. Frontiers in Human Neuroscience, 2020, 14, 586963.	1.0	10
43	Reduced ERPs and theta oscillations underlie working memory deficits in Toxoplasma gondii infected seniors. Biological Psychology, 2016, 120, 35-45.	1.1	7
44	Multitasking in aging: ERP correlates of dual-task costs in young versus low, intermediate, and high performing older adults. Neuropsychologia, 2018, 119, 424-433.	0.7	7
45	N170 â€“ An Index of Categorical Face Perception?. Journal of Psychophysiology, 2011, 25, 174-179.	0.3	7
46	Task switching based on externally presented versus internally generated information. Psychological Research, 2008, 72, 501-514.	1.0	6
47	Beyond prospective memory retrieval: Encoding and remembering of intentions across the lifespan. International Journal of Psychophysiology, 2020, 147, 44-59.	0.5	6
48	Lifestyle and Interventions for Improving Cognitive Performance in Older Adults. , 2016, , 189-203.		5
49	Changes of Electrical Brain Activity After Cognitive Training in Old Adults and Older Industrial Workers. , 2016, , 177-186.		4
50	Pending intentions: Effects of prospective task encoding on the performance of another task. Psychological Research, 2006, 70, 157-169.	1.0	3
51	Transformation of task components into an integrated representation during task switching. Acta Psychologica, 2007, 125, 334-345.	0.7	3
52	The protozoan Toxoplasma gondii: neurotoxicological relevance beyond the typical clinical pictures. Archives of Toxicology, 2015, 89, 485-487.	1.9	3
53	Age-related modulation of EEG time-frequency responses in prospective memory retrieval. Neuropsychologia, 2021, 155, 107818.	0.7	3
54	Time Hurries on but Does not Fly in Older Age â€” No Effect of Depressive Symptoms. Timing and Time Perception, 2021, 9, 241-256.	0.4	3

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55	Changes of Electrical Brain Activity Due to Cognitive Training in Old Adults and Older Industrial Workers. , 2021, , 369-379.		3
56	When long appears short: Effects of auditory distraction on eventâ€related potential correlates of time perception. European Journal of Neuroscience, 2022, 55, 121-137.	1.2	2
57	Ereigniskorrelierte Potenziale: Ansatz, Parametrisierung und Analyseverfahren. E-Neuroforum, 2009, 15, 124-129.	0.2	1
58	The Electrophysiology of Cognitive Aging. Journal of Psychophysiology, 2014, 28, 101-104.	0.3	1
59	Neural Correlates of Aging-Related Differences in Pro-active Control in a Dual Task. Frontiers in Aging Neuroscience, 2021, 13, 682499.	1.7	0