Bertram Opitz

List of Publications by Year
in descending order

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Version: 2024-02-01

53	3,122	236833	175177
papers	citations	25 h-index	52 g-index

57	57	57	3206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differential Contribution of Frontal and Temporal Cortices to Auditory Change Detection: fMRI and ERP Results. NeuroImage, 2002, 15, 167-174.	2.1	436
2	Prefrontal cortex involvement in preattentive auditory deviance detection:. NeuroImage, 2003, 20, 1270-1282.	2.1	310
3	Segregating Semantic and Syntactic Aspects of Processing in the Human Brain: an fMRI Investigation of Different Word Types. Cerebral Cortex, 2000, 10, 698-705.	1.6	279
4	Interactions of the hippocampal system and the prefrontal cortex in learning language-like rules. NeuroImage, 2003, 19, 1730-1737.	2.1	207
5	Memory Function and the Hippocampus. Frontiers of Neurology and Neuroscience, 2014, 34, 51-59.	3.0	130
6	Emotionality in a second language: It's a matter of time. Neuropsychologia, 2012, 50, 1961-1967.	0.7	124
7	Brain Correlates of Language Learning: The Neuronal Dissociation of Rule-Based versus Similarity-Based Learning. Journal of Neuroscience, 2004, 24, 8436-8440.	1.7	119
8	Phonological processing during language production: fMRI evidence for a shared production-comprehension network. Cognitive Brain Research, 2003, 16, 285-296.	3.3	109
9	Sensory and cognitive mechanisms for preattentive change detection in auditory cortex. European Journal of Neuroscience, 2005, 21, 531-535.	1.2	91
10	Separating Intra-Modal and Across-Modal Training Effects in Visual Working Memory: An fMRI Investigation. Cerebral Cortex, 2011, 21, 2555-2564.	1.6	91
11	Broca's area in the human brain is involved in the selection of grammatical gender for language production: evidence from event-related functional magnetic resonance imaging. Neuroscience Letters, 2002, 328, 101-104.	1.0	90
12	A MEG analysis of the P300 in visual discrimination tasks. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1998, 108, 45-56.	2.0	79
13	Functional Asymmetry of Human Prefrontal Cortex: Encoding and Retrieval of Verbally and Nonverbally Coded Information. Learning and Memory, 2000, 7, 85-96.	0.5	76
14	Neural basis of processing sequential and hierarchical syntactic structures. Human Brain Mapping, 2007, 28, 585-592.	1.9	73
15	Distributed cortical networks for syntax processing: Brocaâ€™s area as the common denominator. Brain and Language, 2003, 85, 402-408.	0.8	71
16	The impact of auditory working memory training on the fronto-parietal working memory network. Frontiers in Human Neuroscience, 2012, 6, 173.	1.0	70
17	Conscious recollection and illusory recognition: an event-related fMRI study. European Journal of Neuroscience, 2001, 13, 2148-2156.	1.2	67
18	Oscillatory Correlates of Retrieval-induced Forgetting in Recognition Memory. Journal of Cognitive Neuroscience, 2008, 21, 976-990.	1.1	61

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19	Timing Matters: The Impact of Immediate and Delayed Feedback on Artificial Language Learning. Frontiers in Human Neuroscience, 2011, 5, 8.	1.0	61
20	Contribution of Familiarity and Recollection to Associative Recognition Memory: Insights from Event-related Potentials. Journal of Cognitive Neuroscience, 2006, 18, 1595-1605.	1.1	59
21	Semantic aspects of novelty detection in humans. Neuroscience Letters, 1997, 235, 65-68.	1.0	53
22	Neural binding mechanisms in learning and memory. Neuroscience and Biobehavioral Reviews, 2010, 34, 1036-1046.	2.9	37
23	Different aspects of performance feedback engage different brain areas: Disentangling valence and expectancy in feedback processing. Scientific Reports, 2014, 4, 5986.	1.6	35
24	Potential for use of creatine supplementation following mild traumatic brain injury. Concussion, 2017, 2, CNC34.	1.2	31
25	Selective transfer of visual working memory training on Chinese character learning. Neuropsychologia, 2014, 53, 1-11.	0.7	29
26	Is a novel conceptual unit more than the sum of its parts?: FMRI evidence from an associative recognition memory study. Neuropsychologia, 2014, 61, 123-134.	0.7	29
27	Ventral premotor cortex lesions disrupt learning of sequential grammatical structures. Cortex, 2012, 48, 664-673.	1.1	26
28	Prefrontal-hippocampal dynamics involved in learning regularities across episodes. Cerebral Cortex, 2005, 15, 1123-1133.	1.6	25
29	Concurrence of rule- and similarity-based mechanisms in artificial grammar learning. Cognitive Psychology, 2015, 77, 77-99.	0.9	22
30	Context-dependent repetition effects on recognition memory. Brain and Cognition, 2010, 73, 110-118.	0.8	20
31	Rule and similarity in grammar: Their interplay and individual differences in the brain. NeuroImage, 2012, 60, 2019-2026.	2.1	19
32	Does It Really Matter? Separating the Effects of Musical Training on Syntax Acquisition. Frontiers in Psychology, 2012, 3, 543.	1.1	18
33	Recollection reduces unitised familiarity effect. Memory, 2016, 24, 535-547.	0.9	18
34	A new concept for EEG/MEG signal analysis: Detection of interacting spatial modes. Human Brain Mapping, 1998, 6, 137-149.	1.9	16
35	Working Memory Capacity but Not Prior Knowledge Impact on Readers' Attention and Text Comprehension. Frontiers in Education, 2020, 5, .	1.2	16
36	BA 44 in Broca's area supports syntactic gender decisions in language production. NeuroReport, 2006, 17, 1097-1101.	0.6	14

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37	ERPs show that classroom-instructed late second language learners rely on the same prosodic cues in syntactic parsing as native speakers. Neuroscience Letters, 2013, 557, 107-111.	1.0	14
38	Differential hippocampal and prefrontal-striatal contributions to instance-based and rule-based learning. NeuroImage, 2006, 31, 1802-1816.	2.1	13
39	Why are places so special? Uncovering how our brain reacts to meaningful places. Landscape and Urban Planning, 2020, 197, 103758.	3.4	11
40	Neural Correlates of Recognition Memory in Children with Febrile Seizures: Evidence from Functional Magnetic Resonance Imaging. Frontiers in Human Neuroscience, 2012, 6, 17.	1.0	9
41	Attention control processes that prioritise task execution may come at the expense of incidental memory encoding. Brain and Cognition, 2020, 144, 105602.	0.8	8
42	ERP effects of meaningful and non-meaningful sound processing in anterior temporal patients. Restorative Neurology and Neuroscience, 2007, 25, 273-84.	0.4	8
43	Learning context modulates the processing of expectancy violations. Brain Research, 2015, 1629, 72-84.	1.1	7
44	Exploring the bilingual advantage: manipulations of similarity and second language immersion in a Stroop task. Cognitive Neuroscience, 2019, 10, 1-12.	0.6	6
45	Motor and non-motor sequence prediction is equally affected in children with developmental coordination disorder. PLoS ONE, 2020, 15, e0232562.	1.1	6
46	Meditation experience predicts negative reinforcement learning and is associated with attenuated FRN amplitude. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 268-282.	1.0	5
47	Error-Related Cognitive Control and Behavioral Adaptation Mechanisms in the Context of Motor Functioning and Anxiety. Frontiers in Human Neuroscience, 2021, 15, 615616.	1.0	5
48	ERP and fMRI Correlates of Target and Novelty Processing. , 2003, , 117-132.		5
49	Utility of Feedback Has a Greater Impact on Learning than Ease of Decoding. Mind, Brain, and Education, 2020, 14, 139-145.	0.9	4
50	Neglecting the posterior parietal cortex: The role of higher-order perceptual memories for working-memory retention. Behavioral and Brain Sciences, 2003, 26, 749-749.	0.4	2
51	Increased Anxiety is Associated with Better Learning from Negative Feedback. Psychology Learning and Teaching, 2021, 20, 76-90.	1.3	2
52	In search for the most optimal EEG method: A practical evaluation of a water-based electrode EEG system. Brain and Neuroscience Advances, 2021, 5, 239821282110536.	1.8	2
53	Concurrent prospective memory task increases mind wandering during online reading for difficult but not easy texts. Memory and Cognition, 2022, , 1.	0.9	1