

Arnaud Szmalec

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,284
citations

471509

17
h-index

377865

34
g-index

47
all docs

47
docs citations

47
times ranked

1105
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of language-switching experience on the bilingual executive control advantage. <i>Bilingualism</i> , 2016, 19, 181-190.	1.3	180
2	Control of interference during working memory updating.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011, 37, 137-151.	0.9	92
3	Order or disorder? Impaired Hebb learning in dyslexia.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2011, 37, 1270-1279.	0.9	79
4	Verbal and nonverbal cognitive control in bilinguals and interpreters.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015, 41, 1579-1586.	0.9	79
5	Short Article: The Hebb Repetition Effect as a Laboratory Analogue of Novel Word Learning. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 435-443.	1.1	70
6	The development of long-term lexical representations through Hebb repetition learning. <i>Journal of Memory and Language</i> , 2012, 67, 342-354.	2.1	63
7	Response selection involves executive control: Evidence from the selective interference paradigm. <i>Memory and Cognition</i> , 2005, 33, 531-541.	1.6	60
8	Simultaneous interpreting and working memory executive control. <i>Interpreting</i> , 2014, 16, 139-168.	1.3	54
9	Short-term memory for order but not for item information is impaired in developmental dyslexia. <i>Annals of Dyslexia</i> , 2014, 64, 121-136.	1.7	51
10	Verbal working memory is involved in associative word learning unless visual codes are available. <i>Journal of Memory and Language</i> , 2003, 48, 527-541.	2.1	46
11	Linking memory and language: Evidence for a serial-order learning impairment in dyslexia. <i>Research in Developmental Disabilities</i> , 2015, 43-44, 106-122.	2.2	43
12	Visuo-spatial processing in Parkinson's disease: evidence for diminished visuo-spatial sketch pad and central executive resources. <i>Parkinsonism and Related Disorders</i> , 2005, 11, 181-186.	2.2	40
13	Serial-order learning impairment and hypersensitivity-to-interference in dyscalculia. <i>Cognition</i> , 2015, 144, 38-48.	2.2	38
14	Can Chunk Size Differences Explain Developmental Changes in Lexical Learning?. <i>Frontiers in Psychology</i> , 2015, 6, 1925.	2.1	29
15	The involvement of long-term serial-order memory in reading development: A longitudinal study. <i>Journal of Experimental Child Psychology</i> , 2016, 145, 139-156.	1.4	27
16	Children retain implicitly learned phonological sequences better than adults: a longitudinal study. <i>Developmental Science</i> , 2018, 21, e12634.	2.4	27
17	Unlocking adults's implicit statistical learning by cognitive depletion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	21
18	The developmental neural substrates of item and serial order components of verbal working memory. <i>Human Brain Mapping</i> , 2019, 40, 1541-1553.	3.6	20

#	ARTICLE	IF	CITATIONS
19	Stimulus ambiguity elicits response conflict. <i>Neuroscience Letters</i> , 2008, 435, 158-162.	2.1	19
20	Language learning in the adult brain: disrupting the dorsolateral prefrontal cortex facilitates word-form learning. <i>Scientific Reports</i> , 2017, 7, 13966.	3.3	19
21	Short-and long-term memory determinants of novel word form learning. <i>Cognitive Development</i> , 2018, 47, 146-157.	1.3	18
22	Literacy improves short-term serial recall of spoken verbal but not visuospatial items – Evidence from illiterate and literate adults. <i>Cognition</i> , 2019, 185, 144-150.	2.2	16
23	Investigating the role of conflict resolution in memory updating by means of the one-back choice RT task. <i>Psychological Research</i> , 2009, 73, 390-406.	1.7	15
24	A case study about the interplay between language control and cognitive abilities in bilingual differential aphasia: Behavioral and brain correlates. <i>Journal of Neurolinguistics</i> , 2018, 46, 37-68.	1.1	15
25	Executive control performance and foreign-language proficiency associated with immersion education in French-speaking Belgium. <i>Bilingualism</i> , 2020, 23, 355-370.	1.3	15
26	The different time course of phonotactic constraint learning in children and adults: Evidence from speech errors.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2017, 43, 1821-1827.	0.9	15
27	An Asymmetry in the Visuo-Spatial Demands of Forward and Backward Recall in the Corsi Blocks Task. <i>Imagination, Cognition and Personality</i> , 2003, 23, 225-231.	0.9	14
28	Estimating the executive demands of a one-back choice reaction time task by means of the selective interference paradigm. <i>Quarterly Journal of Experimental Psychology</i> , 2007, 60, 1116-1139.	1.1	14
29	The white matter architecture underlying semantic processing: A systematic review. <i>Neuropsychologia</i> , 2020, 136, 107182.	1.6	12
30	The phonological Mismatch Negativity and P300 as diagnostic tools in stroke-related aphasia recovery: a longitudinal multiple case study. <i>Aphasiology</i> , 2021, 35, 1263-1280.	2.2	11
31	Leaving the third dimension: no measurable evidence for cognitive aftereffects of stereoscopic 3D movies. <i>Journal of the Society for Information Display</i> , 2013, 21, 159-166.	2.1	10
32	Cognate effects and cognitive control in patients with parallel and differential bilingual aphasia. <i>International Journal of Language and Communication Disorders</i> , 2018, 53, 515-525.	1.5	10
33	The involvement of subcortical grey matter in verbal semantic comprehension: A systematic review and meta-analysis of fMRI and PET studies. <i>Journal of Neurolinguistics</i> , 2019, 51, 278-296.	1.1	9
34	Less is more: Depleting cognitive resources enhances language learning abilities in adults.. <i>Journal of Experimental Psychology: General</i> , 2021, 150, 2423-2434.	2.1	9
35	Age- and gender-related differences in verbal semantic processing: the development of normative electrophysiological data in the Flemish population. <i>Language, Cognition and Neuroscience</i> , 0, , 1-27.	1.2	8
36	Increased susceptibility to proactive interference in adults with dyslexia?. <i>Memory</i> , 2015, 23, 268-277.	1.7	7

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37	The developmental neural substrates of Hebb repetition learning and their link with reading ability. <i>Human Brain Mapping</i> , 2020, 41, 3956-3969.	3.6	7
38	The contribution of serial order short-term memory and long-term learning to reading acquisition: A longitudinal study.. <i>Developmental Psychology</i> , 2020, 56, 1671-1683.	1.6	6
39	Do serial order short-term memory and long-term learning abilities predict spelling skills in school-age children?. <i>Cognition</i> , 2021, 206, 104479.	2.2	4
40	Switching Between Noun and Verb Agreement Rules Comes at a Cost: Cross-Sectional and Interventional Studies in a Developmental Sample. <i>Psychology of Language and Communication</i> , 2014, 18, 226-250.	0.6	3
41	The Protective Influence of Bilingualism on the Recovery of Phonological Input Processing in Aphasia After Stroke. <i>Frontiers in Psychology</i> , 2020, 11, 553970.	2.1	3
42	Speech fluency in bilinguals who stutter: Language proficiency and attentional demands as mediating factors. <i>Journal of Fluency Disorders</i> , 2021, 69, 105850.	1.7	2
43	Attentional abilities of children enrolled in immersion education in French-speaking Belgium. <i>International Journal of Bilingual Education and Bilingualism</i> , 2023, 26, 554-571.	2.1	1
44	Quick learning of novel vowel-consonant conjunctions within the mature speech production system – a commentary on Dell et al. (2019). <i>Language, Cognition and Neuroscience</i> , 2022, 37, 532-536.	1.2	1
45	Neural Correlates of Healthy Sustained Vowel Phonation Tasks: A Systematic Review and Meta-Analysis of Neuroimaging Studies. <i>Journal of Voice</i> , 2022, , .	1.5	1