

David Caplan

List of Publications by Year in descending order

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69
papers

3,921
citations

172207

29
h-index

128067

60
g-index

72
all docs

72
docs citations

72
times ranked

2121
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal Neural and Behavioral Data Predict Response to Rehabilitation in Chronic Poststroke Aphasia. <i>Stroke</i> , 2022, 53, 1606-1614.	1.0	12
2	Perilesional Perfusion in Chronic Stroke-Induced Aphasia and Its Response to Behavioral Treatment Interventions. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2022, 3, 345-363.	1.7	7
3	Structural disconnections associated with language impairments in chronic post-stroke aphasia using disconnectome maps. <i>Cortex</i> , 2022, 155, 90-106.	1.1	7
4	Common and distinct neural substrates of sentence production and comprehension. <i>NeuroImage</i> , 2021, 224, 117374.	2.1	30
5	A Computational Evaluation of Two Models of Retrieval Processes in Sentence Processing in Aphasia. <i>Cognitive Science</i> , 2021, 45, e12956.	0.8	14
6	An Exploration of Machine Learning Methods for Predicting Post-stroke Aphasia Recovery. , 2021, , .		3
7	Clinical Reasoning: An 81-Year-Old Woman Who Insisted the Hospital Was Her Home. <i>Neurology</i> , 2021, 97, 10.1212/WNL.0000000000012392.	1.5	0
8	Cautionary notes on diagnosing functional neurologic disorder as a neurologist-in-training. <i>Neurology: Clinical Practice</i> , 2020, 10, 484-487.	0.8	12
9	White Matter Hyperintensities Predict Response to Language Treatment in Poststroke Aphasia. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 945-953.	1.4	22
10	A machine learning approach for predicting post-stroke aphasia recovery. , 2020, , .		5
11	Neural networks for sentence comprehension and production: An ALE-based meta-analysis of neuroimaging studies. <i>Human Brain Mapping</i> , 2019, 40, 2275-2304.	1.9	97
12	Morphosyntactic Production and Verbal Working Memory: Evidence From Greek Aphasia and Healthy Aging. <i>Journal of Speech, Language, and Hearing Research</i> , 2018, 61, 1171-1187.	0.7	18
13	A Computational Investigation of Sources of Variability in Sentence Comprehension Difficulty in Aphasia. <i>Topics in Cognitive Science</i> , 2018, 10, 161-174.	1.1	35
14	Neuropsychiatric Associations With Gender, Illness Duration, Work Disability, and Motor Subtype in a U.S. Functional Neurological Disorders Clinic Population. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2017, 29, 375-382.	0.9	50
15	Intrahemispheric Perfusion in Chronic Stroke-Induced Aphasia. <i>Neural Plasticity</i> , 2017, 2017, 1-15.	1.0	22
16	Evaluating Treatment and Generalization Patterns of Two Theoretically Motivated Sentence Comprehension Therapies. <i>American Journal of Speech-Language Pathology</i> , 2016, 25, S743-S757.	0.9	3
17	“Cat-gras” delusion: a unique misidentification syndrome and a novel explanation. <i>Neurocase</i> , 2016, 22, 251-256.	0.2	22
18	Deficit-lesion correlations in syntactic comprehension in aphasia. <i>Brain and Language</i> , 2016, 152, 14-27.	0.8	15

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19	A Graph-Dynamic Perspective on Coordinative Structures, the Role of Affordance-Effectivity Relations in Action Selection, and the Self-Organization of Complex Activities. <i>Ecological Psychology</i> , 2015, 27, 300-309.	0.7	17
20	Working memory and the revision of syntactic and discourse ambiguities.. <i>Canadian Journal of Experimental Psychology</i> , 2015, 69, 136-155.	0.7	10
21	Effects of impairment-based individual and socially oriented group therapies on verb production in aphasia. <i>Aphasiology</i> , 2015, 29, 781-798.	1.4	18
22	Reversible cursive agraphia. <i>Neurology</i> , 2015, 85, 295-296.	1.5	1
23	Mechanisms underlying syntactic comprehension deficits in vascular aphasia: new evidence from self-paced listening. <i>Cognitive Neuropsychology</i> , 2015, 32, 283-313.	0.4	26
24	Commentary on "The role of domain-general cognitive control in language comprehension" by Fedorenko. <i>Frontiers in Psychology</i> , 2014, 5, 629.	1.1	3
25	Memory mechanisms supporting syntactic comprehension. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 243-268.	1.4	89
26	Dissociations and associations of performance in syntactic comprehension in aphasia and their implications for the nature of aphasic deficits. <i>Brain and Language</i> , 2013, 127, 21-33.	0.8	37
27	Short-term memory, working memory, and syntactic comprehension in aphasia. <i>Cognitive Neuropsychology</i> , 2013, 30, 77-109.	0.4	52
28	Slave systems in verbal short-term memory. <i>Aphasiology</i> , 2012, 26, 279-316.	1.4	15
29	Effects of tasks on BOLD signal responses to sentence contrasts: Review and commentary. <i>Brain and Language</i> , 2012, 120, 174-186.	0.8	6
30	Rasch Model and Its Extensions for Analysis of Aphasic Deficits in Syntactic Comprehension. <i>Journal of the American Statistical Association</i> , 2011, 106, 1304-1316.	1.8	3
31	Effects of age, speed of processing, and working memory on comprehension of sentences with relative clauses.. <i>Psychology and Aging</i> , 2011, 26, 439-450.	1.4	116
32	Experimental design and interpretation of functional neuroimaging studies of cognitive processes. <i>Human Brain Mapping</i> , 2009, 30, 59-77.	1.9	22
33	Production and comprehension of unaccusatives in aphasia. <i>Aphasiology</i> , 2009, 23, 989-1004.	1.4	34
34	Task-dependent and task-independent neurovascular responses to syntactic processing. <i>Cortex</i> , 2008, 44, 257-275.	1.1	94
35	Syntactic and Thematic Constraint Effects on Blood Oxygenation Level Dependent Signal Correlates of Comprehension of Relative Clauses. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 643-656.	1.1	80
36	A study of syntactic processing in aphasia I: Behavioral (psycholinguistic) aspects. <i>Brain and Language</i> , 2007, 101, 103-150.	0.8	148

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37	A study of syntactic processing in aphasia II: Neurological aspects. <i>Brain and Language</i> , 2007, 101, 151-177.	0.8	52
38	Functional Neuroimaging Studies of Syntactic Processing in Sentence Comprehension: A Critical Selective Review. <i>Language and Linguistics Compass</i> , 2007, 1, 32-47.	1.3	17
39	Factor analysis of aphasic syntactic comprehension disorders. <i>Aphasiology</i> , 2006, 20, 123-135.	1.4	7
40	Using FMRI to Discover Cognitive Operations. <i>Cortex</i> , 2006, 42, 393-395.	1.1	6
41	Why Is Broca'S Area Involved in Syntax?. <i>Cortex</i> , 2006, 42, 469-471.	1.1	32
42	Aphasic Deficits in Syntactic Processing. <i>Cortex</i> , 2006, 42, 797-804.	1.1	32
43	Task-independent and task-specific syntactic deficits in aphasic comprehension. <i>Aphasiology</i> , 2006, 20, 893-920.	1.4	31
44	Effects of syntactic features on sentenceâ€‘picture matching in Brocaâ€™s aphasics: A reply to Draï and Grodzinsky (2005). <i>Brain and Language</i> , 2006, 96, 129-134.	0.8	4
45	Neural correlates of processing syntactic, semantic, and thematic relationships in sentences. <i>Language and Cognitive Processes</i> , 2006, 21, 489-530.	2.3	126
46	Typicalityâ€‘based learning and generalisation in aphasia: Two case studies of anomia treatment. <i>Aphasiology</i> , 2006, 20, 374-383.	1.4	19
47	The Neuro in Cognitive Neuropsychology. <i>Cognitive Neuropsychology</i> , 2004, 21, 17-20.	0.4	12
48	Cognitive conjunction and cognitive functions. <i>NeuroImage</i> , 2004, 21, 751-756.	2.1	27
49	On-line syntactic processing in aphasia: Studies with auditory moving window presentation. <i>Brain and Language</i> , 2003, 84, 222-249.	0.8	50
50	Effects of age and speed of processing on rCBF correlates of syntactic processing in sentence comprehension. <i>Human Brain Mapping</i> , 2003, 19, 112-131.	1.9	28
51	Vascular responses to syntactic processing: Event-related fMRI study of relative clauses. <i>Human Brain Mapping</i> , 2002, 15, 26-38.	1.9	129
52	Functional neuroimaging studies of syntactic processing. , 2001, 30, 297-320.		93
53	The Relationship Between Measures of Working Memory and Sentence Comprehension in Patients With Alzheimerâ€™s Disease. <i>Journal of Speech, Language, and Hearing Research</i> , 2000, 43, 395-413.	0.7	62
54	Lesion location and aphasic syndrome do not tell us whether a patient will have an isolated deficit affecting the coindexation of traces. <i>Behavioral and Brain Sciences</i> , 2000, 23, 25-27.	0.4	8

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55	Issues regarding general and domain-specific resources. Behavioral and Brain Sciences, 1999, 22, 114-122.	0.4	49
56	Verbal working memory and sentence comprehension. Behavioral and Brain Sciences, 1999, 22, 77-94; discussion 95-126.	0.4	723
57	Effects of Syntactic Structure and Propositional Number on Patterns of Regional Cerebral Blood Flow. Journal of Cognitive Neuroscience, 1998, 10, 541-552.	1.1	433
58	The influence of contextual information on the resolution of ambiguous pronouns by younger and older adults. Applied Psycholinguistics, 1997, 18, 293-317.	0.8	6
59	Working memory and on-line sentence comprehension in patients with Alzheimer's disease. Journal of Psycholinguistic Research, 1997, 26, 377-400.	0.7	53
60	Processing resource capacity and the comprehension of garden path sentences. Memory and Cognition, 1996, 24, 342-355.	0.9	118
61	Lexical factors in the word-superiority effect. Memory and Cognition, 1995, 23, 23-33.	0.9	12
62	Processing capacity and sentence comprehension in patients with alzheimer's disease. Cognitive Neuropsychology, 1995, 12, 1-30.	0.4	148
63	Aphasic disorders of syntactic comprehension and working memory capacity. Cognitive Neuropsychology, 1995, 12, 637-649.	0.4	129
64	Interaction of verb selectional restrictions, noun animacy and syntactic form in sentence processing. Language and Cognitive Processes, 1994, 9, 549-585.	2.3	66
65	Selective acoustic phonetic impairment and lexical access in an aphasic patient. Journal of the Acoustical Society of America, 1994, 95, 512-517.	0.5	21
66	Constraining theories of semantic memory processing: Evidence from Dementia. Cognitive Neuropsychology, 1992, 9, 327-365.	0.4	110
67	Potential pitfalls in neuropsychological studies: The case of short-term memory. Behavioral and Brain Sciences, 1991, 14, 443-444.	0.4	2
68	On the Structure of Verbal Short-term Memory and its Functional Role in Sentence Comprehension: Evidence from Neuropsychology. Cognitive Neuropsychology, 1991, 8, 81-126.	0.4	138
69	On the role of group studies in neuropsychological and pathopsychological research. Cognitive Neuropsychology, 1988, 5, 535-547.	0.4	32