David Caplan

List of Publications by Year
in descending order

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	Verbal working memory and sentence comprehension. Behavioral and Brain Sciences, 1999, 22, 77-94; discussion 95-126.	0.4	723
2	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
3	Processing capacity and sentence comprehension in patients with alzheimer's disease. Cognitive Neuropsychology, 1995, 12, 1-30.	0.4	148
4	A study of syntactic processing in aphasia I: Behavioral (psycholinguistic) aspects. Brain and Language, 2007, 101, 103-150.	0.8	148
5	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
6	Aphasic disorders of syntactic comprehension and working memory capacity. Cognitive Neuropsychology, 1995, 12, 637-649.	0.4	129
7	Vascular responses to syntactic processing: Event-related fMRI study of relative clauses. Human Brain Mapping, 2002, 15, 26-38.	1.9	129
8	Neural correlates of processing syntactic, semantic, and thematic relationships in sentences. Language and Cognitive Processes, 2006, 21, 489-530.	2.3	126
9	Processing resource capacity and the comprehension of garden path sentences. Memory and Cognition, 1996, 24, 342-355.	0.9	118
10	Effects of age, speed of processing, and working memory on comprehension of sentences with relative clauses.. Psychology and Aging, 2011, 26, 439-450.	1.4	116
11	Constraining theories of semantic memory processing: Evidence from Dementia. Cognitive Neuropsychology, 1992, 9, 327-365.	0.4	110
12	Neural networks for sentence comprehension and production: An ALEâ€based meta‐analysis of neuroimaging studies. Human Brain Mapping, 2019, 40, 2275-2304.	1.9	97
13	Task-dependent and task-independent neurovascular responses to syntactic processing. Cortex, 2008, 44, 257-275.	1.1	94
14	Functional neuroimaging studies of syntactic processing. , 2001, 30, 297-320.		93
15	Memory mechanisms supporting syntactic comprehension. Psychonomic Bulletin and Review, 2013, 20, 243-268.	1.4	89
16	Syntactic and Thematic Constraint Effects on Blood Oxygenation Level Dependent Signal Correlates of Comprehension of Relative Clauses. Journal of Cognitive Neuroscience, 2008, 20, 643-656.	1.1	80
17	Interaction of verb selectional restrictions, noun animacy and syntactic form in sentence processing. Language and Cognitive Processes, 1994, 9, 549-585.	2.3	66
18	The Relationship Between Measures of Working Memory and Sentence Comprehension in Patients With Alzheimerâ€™s Disease. Journal of Speech, Language, and Hearing Research, 2000, 43, 395-413.	0.7	62

#	Article	IF	Citations
19	Working memory and on-line sentence comprehension in patients with Alzheimer's disease. Journal of Psycholinguistic Research, 1997, 26, 377-400.	0.7	53
20	A study of syntactic processing in aphasia II: Neurological aspects. Brain and Language, 2007, 101, 151-177.	0.8	52
21	Short-term memory, working memory, and syntactic comprehension in aphasia. Cognitive Neuropsychology, 2013, 30, 77-109.	0.4	52
22	On-line syntactic processing in aphasia: Studies with auditory moving window presentation. Brain and Language, 2003, 84, 222-249.	0.8	50
23	Neuropsychiatric Associations With Gender, Illness Duration, Work Disability, and Motor Subtype in a U.S. Functional Neurological Disorders Clinic Population. Journal of Neuropsychiatry and Clinical Neurosciences, 2017, 29, 375-382.	0.9	50
24	Issues regarding general and domain-specific resources. Behavioral and Brain Sciences, 1999, 22, 114-122.	0.4	49
25	Dissociations and associations of performance in syntactic comprehension in aphasia and their implications for the nature of aphasic deficits. Brain and Language, 2013, 127, 21-33.	0.8	37
26	A Computational Investigation of Sources of Variability in Sentence Comprehension Difficulty in Aphasia. Topics in Cognitive Science, 2018, 10, 161-174.	1.1	35
27	Production and comprehension of unaccusatives in aphasia. Aphasiology, 2009, 23, 989-1004.	1.4	34
28	On the role of group studies in neuropsychological and pathopsychological research. Cognitive Neuropsychology, 1988, 5, 535-547.	0.4	32
29	Why Is Broca'S Area Involved in Syntax?. Cortex, 2006, 42, 469-471.	1.1	32
30	Aphasic Deficits in Syntactic Processing. Cortex, 2006, 42, 797-804.	1.1	32
31	Task-independent and task-specific syntactic deficits in aphasic comprehension. Aphasiology, 2006, 20, 893-920.	1.4	31
32	Common and distinct neural substrates of sentence production and comprehension. NeuroImage, 2021, 224, 117374.	2.1	30
33	Effects of age and speed of processing on rCBF correlates of syntactic processing in sentence comprehension. Human Brain Mapping, 2003, 19, 112-131.	1.9	28
34	Cognitive conjunction and cognitive functions. NeuroImage, 2004, 21, 751-756.	2.1	27
35	Mechanisms underlying syntactic comprehension deficits in vascular aphasia: new evidence from self-paced listening. Cognitive Neuropsychology, 2015, 32, 283-313.	0.4	26
36	Experimental design and interpretation of functional neuroimaging studies of cognitive processes. Human Brain Mapping, 2009, 30, 59-77.	1.9	22

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37	â€œCat-grasâ€•delusion: a unique misidentification syndrome and a novel explanation. Neurocase, 2016, 22, 251-256.	0.2	22
38	Intrahemispheric Perfusion in Chronic Stroke-Induced Aphasia. Neural Plasticity, 2017, 2017, 1-15.	1.0	22
39	White Matter Hyperintensities Predict Response to Language Treatment in Poststroke Aphasia. Neurorehabilitation and Neural Repair, 2020, 34, 945-953.	1.4	22
40	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
41	Typicalityâ€based learning and generalisation in aphasia: Two case studies of anomia treatment. Aphasiology, 2006, 20, 374-383.	1.4	19
42	Effects of impairment-based individual and socially oriented group therapies on verb production in aphasia. Aphasiology, 2015, 29, 781-798.	1.4	18
43	Morphosyntactic Production and Verbal Working Memory: Evidence From Greek Aphasia and Healthy Aging. Journal of Speech, Language, and Hearing Research, 2018, 61, 1171-1187.	0.7	18
44	Functional Neuroimaging Studies of Syntactic Processing in Sentence Comprehension: A Critical Selective Review. Language and Linguistics Compass, 2007, 1, 32-47.	1.3	17
45	A Graph-Dynamic Perspective on Coordinative Structures, the Role of Affordance-Effectivity Relations in Action Selection, and the Self-Organization of Complex Activities. Ecological Psychology, 2015, 27, 300-309.	0.7	17
46	Slave systems in verbal short-term memory. Aphasiology, 2012, 26, 279-316.	1.4	15
47	Deficit-lesion correlations in syntactic comprehension in aphasia. Brain and Language, 2016, 152, 14-27.	0.8	15
48	A Computational Evaluation of Two Models of Retrieval Processes in Sentence Processing in Aphasia. Cognitive Science, 2021, 45, e12956.	0.8	14
49	Lexical factors in the word-superiority effect. Memory and Cognition, 1995, 23, 23-33.	0.9	12
50	The Neuro in Cognitive Neuropsychology. Cognitive Neuropsychology, 2004, 21, 17-20.	0.4	12
51	Cautionary notes on diagnosing functional neurologic disorder as a neurologist-in-training. Neurology: Clinical Practice, 2020, 10, 484-487.	0.8	12
52	Multimodal Neural and Behavioral Data Predict Response to Rehabilitation in Chronic Poststroke Aphasia. Stroke, 2022, 53, 1606-1614.	1.0	12
53	Working memory and the revision of syntactic and discourse ambiguities.. Canadian Journal of Experimental Psychology, 2015, 69, 136-155.	0.7	10
54	Lesion location and aphasic syndrome do not tell us whether a patient will have an isolated deficit affecting the coindexation of traces. Behavioral and Brain Sciences, 2000, 23, 25-27.	0.4	8

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55	Factor analysis of aphasic syntactic comprehension disorders. Aphasiology, 2006, 20, 123-135.	1.4	7
56	Perilesional Perfusion in Chronic Stroke-Induced Aphasia and Its Response to Behavioral Treatment Interventions. Neurobiology of Language (Cambridge, Mass), 2022, 3, 345-363.	1.7	7
57	Structural disconnections associated with language impairments in chronic post-stroke aphasia using disconnectome maps. Cortex, 2022, 155, 90-106.	1.1	7
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	Using FMRI to Discover Cognitive Operations. Cortex, 2006, 42, 393-395.	1.1	6
60	Effects of tasks on BOLD signal responses to sentence contrasts: Review and commentary. Brain and Language, 2012, 120, 174-186.	0.8	6
61	A machine learning approach for predicting post-stroke aphasia recovery. , 2020, , .		5
62	Effects of syntactic features on sentenceâ€“picture matching in Brocaâ€™s aphasics: A reply to Drai and Grodzinksy (2005). Brain and Language, 2006, 96, 129-134.	0.8	4
63	Rasch Model and Its Extensions for Analysis of Aphasic Deficits in Syntactic Comprehension. Journal of the American Statistical Association, 2011, 106, 1304-1316.	1.8	3
64	Commentary on Ã¢â‚¬Å“The role of domain-general cognitive control in language comprehensionÃ¢â‚¬Â•by Fedorenko. Frontiers in Psychology, 2014, 5, 629.	1.1	3
65	Evaluating Treatment and Generalization Patterns of Two Theoretically Motivated Sentence Comprehension Therapies. American Journal of Speech-Language Pathology, 2016, 25, S743-S757.	0.9	3
66	An Exploration of Machine Learning Methods for Predicting Post-stroke Aphasia Recovery. , 2021, , .		3
67	Potential pitfalls in neuropsychological studies: The case of short-term memory. Behavioral and Brain Sciences, 1991, 14, 443-444.	0.4	2
68	Reversible cursive agraphia. Neurology, 2015, 85, 295-296.	1.5	1
69	Clinical Reasoning: An 81-Year-Old Woman Who Insisted the Hospital Was Her Home. Neurology, 2021, 97, 10.1212/WNL.0000000000012392.	1.5	0