

Daniel Mirman

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,727
citations

136950

32
h-index

144013

57
g-index

90
all docs

90
docs citations

90
times ranked

3095
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical and computational models of the visual world paradigm: Growth curves and individual differences. <i>Journal of Memory and Language</i> , 2008, 59, 475-494.	2.1	351
2	Neuroanatomical dissociation for taxonomic and thematic knowledge in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8520-8524.	7.1	235
3	Neural organization of spoken language revealed by lesion-symptom mapping. <i>Nature Communications</i> , 2015, 6, 6762.	12.8	235
4	Are there interactive processes in speech perception?. <i>Trends in Cognitive Sciences</i> , 2006, 10, 363-369.	7.8	201
5	Competition and cooperation among similar representations: Toward a unified account of facilitative and inhibitory effects of lexical neighbors.. <i>Psychological Review</i> , 2012, 119, 417-430.	3.8	141
6	Taxonomic and thematic semantic systems.. <i>Psychological Bulletin</i> , 2017, 143, 499-520.	6.1	136
7	The link between statistical segmentation and word learning in adults. <i>Cognition</i> , 2008, 108, 271-280.	2.2	114
8	Attractor dynamics and semantic neighborhood density: Processing is slowed by near neighbors and speeded by distant neighbors.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2008, 34, 65-79.	0.9	90
9	The ins and outs of meaning: Behavioral and neuroanatomical dissociation of semantically-driven word retrieval and multimodal semantic recognition in aphasia. <i>Neuropsychologia</i> , 2015, 76, 208-219.	1.6	82
10	Dynamics of activation of semantically similar concepts during spoken word recognition. <i>Memory and Cognition</i> , 2009, 37, 1026-1039.	1.6	80
11	A large, searchable, web-based database of aphasic performance on picture naming and other tests of cognitive function. <i>Cognitive Neuropsychology</i> , 2010, 27, 495-504.	1.1	80
12	Corrections for multiple comparisons in voxel-based lesion-symptom mapping. <i>Neuropsychologia</i> , 2018, 115, 112-123.	1.6	75
13	Multifractal Dynamics in the Emergence of Cognitive Structure. <i>Topics in Cognitive Science</i> , 2012, 4, 51-62.	1.9	74
14	Lifting cognition: a meta-analysis of effects of resistance exercise on cognition. <i>Psychological Research</i> , 2020, 84, 1167-1183.	1.7	74
15	What we talk about when we talk about access deficits. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20120388.	4.0	73
16	Interactive Activation and Mutual Constraint Satisfaction in Perception and Cognition. <i>Cognitive Science</i> , 2014, 38, 1139-1189.	1.7	68
17	Individual differences in the strength of taxonomic versus thematic relations.. <i>Journal of Experimental Psychology: General</i> , 2012, 141, 601-609.	2.1	67
18	Relative contributions of lesion location and lesion size to predictions of varied language deficits in post-stroke aphasia. <i>NeuroImage: Clinical</i> , 2018, 20, 1129-1138.	2.7	67

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19	Theories of spoken word recognition deficits in Aphasia: Evidence from eye-tracking and computational modeling. <i>Brain and Language</i> , 2011, 117, 53-68.	1.6	66
20	An interactive Hebbian account of lexically guided tuning of speech perception. <i>Psychonomic Bulletin and Review</i> , 2006, 13, 958-965.	2.8	62
21	Temporal dynamics of activation of thematic and functional knowledge during conceptual processing of manipulable artifacts.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2012, 38, 1274-1295.	0.9	62
22	Interactions dominate the dynamics of visual cognition. <i>Cognition</i> , 2010, 115, 154-165.	2.2	59
23	Linking language and categorization: Evidence from aphasia. <i>Cortex</i> , 2013, 49, 1187-1194.	2.4	59
24	Spoken Word Recognition. , 2013, , .		59
25	Incidental and context-responsive activation of structure- and function-based action features during object identification.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 257-270.	0.9	56
26	Categorization and discrimination of nonspeech sounds: Differences between steady-state and rapidly-changing acoustic cues. <i>Journal of the Acoustical Society of America</i> , 2004, 116, 1198-1207.	1.1	53
27	Damage to temporo-parietal cortex decreases incidental activation of thematic relations during spoken word comprehension. <i>Neuropsychologia</i> , 2012, 50, 1990-1997.	1.6	53
28	Effects of near and distant semantic neighbors on word production. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2011, 11, 32-43.	2.0	51
29	Categorization is modulated by transcranial direct current stimulation over left prefrontal cortex. <i>Cognition</i> , 2012, 124, 36-49.	2.2	51
30	GazeR: A Package for Processing Gaze Position and Pupil Size Data. <i>Behavior Research Methods</i> , 2020, 52, 2232-2255.	4.0	47
31	Anodal tDCS to Right Dorsolateral Prefrontal Cortex Facilitates Performance for Novice Jazz Improvisers but Hinders Experts. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 579.	2.0	46
32	Effects of Attention on the Strength of Lexical Influences on Speech Perception: Behavioral Experiments and Computational Mechanisms. <i>Cognitive Science</i> , 2008, 32, 398-417.	1.7	44
33	The Neural Basis of Inhibitory Effects of Semantic and Phonological Neighbors in Spoken Word Production. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1504-1516.	2.3	43
34	Words fail: Lesion-symptom mapping of errors of omission in post-stroke aphasia. <i>Journal of Neuropsychology</i> , 2019, 13, 183-197.	1.4	33
35	LÃ©vy-like diffusion in eye movements during spoken-language comprehension. <i>Physical Review E</i> , 2009, 79, 056114.	2.1	31
36	Abnormal dynamics of activation of object use information in apraxia: Evidence from eyetracking. <i>Neuropsychologia</i> , 2014, 59, 13-26.	1.6	31

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37	Distinct Effects of Lexical and Semantic Competition during Picture Naming in Younger Adults, Older Adults, and People with Aphasia. <i>Frontiers in Psychology</i> , 2016, 7, 813.	2.1	31
38	A Combination of Thematic and Similarity-Based Semantic Processes Confers Resistance to Deficit Following Left Hemisphere Stroke. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 106.	2.0	29
39	Discourse comprehension in autism spectrum disorder: Effects of working memory load and common ground. <i>Autism Research</i> , 2016, 9, 1340-1352.	3.8	28
40	Gaze fluctuations are not additively decomposable: Reply to Bogartz and Staub. <i>Cognition</i> , 2013, 126, 128-134.	2.2	26
41	The ventrolateral prefrontal cortex facilitates processing of sentential context to locate referents. <i>Brain and Language</i> , 2016, 157-158, 1-13.	1.6	26
42	Computational and behavioral investigations of lexically induced delays in phoneme recognition. <i>Journal of Memory and Language</i> , 2005, 52, 416-435.	2.1	25
43	Interaction Between Phonological and Semantic Representations: Time Matters. <i>Cognitive Science</i> , 2015, 39, 538-558.	1.7	24
44	Interaction in Spoken Word Recognition Models: Feedback Helps. <i>Frontiers in Psychology</i> , 2018, 9, 369.	2.1	24
45	Converging evidence from fMRI and aphasia that the left temporoparietal cortex has an essential role in representing abstract semantic knowledge. <i>Cortex</i> , 2015, 69, 104-120.	2.4	23
46	Uncovering the Neuroanatomy of Core Language Systems Using Lesion-Symptom Mapping. <i>Current Directions in Psychological Science</i> , 2018, 27, 455-461.	5.3	23
47	A data-driven approach to post-stroke aphasia classification and lesion-based prediction. <i>Brain</i> , 2021, 144, 1372-1383.	7.6	23
48	Effect of Representational Distance Between Meanings on Recognition of Ambiguous Spoken Words. <i>Cognitive Science</i> , 2010, 34, 161-173.	1.7	22
49	Computational Modeling of Statistical Learning: Effects of Transitional Probability Versus Frequency and Links to Word Learning. <i>Infancy</i> , 2010, 15, 471-486.	1.6	21
50	Mapping articulatory and grammatical subcomponents of fluency deficits in post-stroke aphasia. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1286-1298.	2.0	20
51	Cross-situational word learning in aphasia. <i>Cortex</i> , 2017, 93, 12-27.	2.4	19
52	Estimating effects of graded white matter damage and binary tract disconnection on post-stroke language impairment. <i>NeuroImage</i> , 2019, 189, 248-257.	4.2	15
53	Eye movement dynamics and cognitive self-organization in typical and atypical development. <i>Cognitive Neurodynamics</i> , 2012, 6, 61-73.	4.0	14
54	The cost of switching between taxonomic and thematic semantics. <i>Memory and Cognition</i> , 2018, 46, 191-203.	1.6	13

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55	Shared lesion correlates of semantic and letter fluency in post-stroke aphasia. <i>Journal of Neuropsychology</i> , 2021, 15, 143-150.	1.4	12
56	All you need to do is ask? The exhortation to be creative improves creative performance more for nonexpert than expert jazz musicians.. <i>Psychology of Aesthetics, Creativity, and the Arts</i> , 2017, 11, 420-427.	1.3	12
57	A Pupillometric Examination of Cognitive Control in Taxonomic and Thematic Semantic Memory. <i>Journal of Cognition</i> , 2019, 2, 6.	1.4	12
58	Novel word acquisition in aphasia: Facing the word-referent ambiguity of natural language learning contexts. <i>Cortex</i> , 2016, 79, 14-31.	2.4	11
59	Developmental trajectories of ADHD symptoms in a large population-representative longitudinal study. <i>Psychological Medicine</i> , 2022, 52, 3590-3596.	4.5	11
60	Intracranial EEG evidence of functional specialization for taxonomic and thematic relations. <i>Cortex</i> , 2021, 140, 40-50.	2.4	11
61	Response to McQueen et al.: Theoretical and empirical arguments support interactive processing. <i>Trends in Cognitive Sciences</i> , 2006, 10, 534.	7.8	10
62	Naming and Knowing Revisited: Eyetracking Correlates of Anomia in Progressive Aphasia. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 354.	2.0	10
63	Sex, Age, and Handedness Modulate the Neural Correlates of Active Learning. <i>Frontiers in Neuroscience</i> , 2019, 13, 961.	2.8	9
64	Taxonomic and Thematic Relatedness Ratings for 659 Word Pairs. , 2016, 4, 2.		9
65	The effect of frequency of shared features on judgments of semantic similarity. <i>Psychonomic Bulletin and Review</i> , 2009, 16, 671-677.	2.8	8
66	Learning to drive: A reconceptualization. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 62, 316-326.	3.7	7
67	Retroactive interference in neural networks and in humans: The effect of pattern-based learning. <i>Connection Science</i> , 2001, 13, 257-275.	3.0	6
68	Effects of phonological and semantic deficits on facilitative and inhibitory consequences of item repetition in spoken word comprehension. <i>Neuropsychologia</i> , 2013, 51, 1848-1856.	1.6	6
69	Mechanisms of Semantic Ambiguity Resolution: Insights from Speech Perception. <i>Research on Language and Computation</i> , 2008, 6, 293-309.	0.4	5
70	Impaired lexical selection and fluency in post-stroke aphasia. <i>Aphasiology</i> , 2019, 33, 667-688.	2.2	5
71	Young Adults With Acquired Brain Injury Show Longitudinal Improvements in Cognition After Intensive Cognitive Rehabilitation. <i>Journal of Speech, Language, and Hearing Research</i> , 2022, 65, 1494-1520.	1.6	5
72	Effect of repetition proportion on language-driven anticipatory eye movements. <i>Acta Psychologica</i> , 2014, 145, 128-138.	1.5	4

#	ARTICLE	IF	CITATIONS
73	Lesion correlates of auditory sentence comprehension deficits in post-stroke aphasia. <i>NeuroImage Reports</i> , 2022, 2, 100076.	1.0	3
74	Gender differences in cross-informant discrepancies in aggressive and prosocial behavior: A latent difference score analysis. <i>Psychological Assessment</i> , 2022, 34, 409-418.	1.5	3
75	A Large, Searchable, Web-based Database of Aphasic Performance on Picture Naming and Other Tests of Cognitive Function. <i>Procedia, Social and Behavioral Sciences</i> , 2010, 6, 132-133.	0.5	2
76	Advancing our understanding of cognitive development and motor vehicle crash risk: A multiverse representation analysis. <i>Cortex</i> , 2021, 138, 90-100.	2.4	2
77	A Behavioral and Anatomical Analysis of Associative Semantic Errors in Picture Naming. <i>Procedia, Social and Behavioral Sciences</i> , 2010, 6, 134-136.	0.5	1
78	Strengthening derivation chains in cognitive neuroscience: A special issue of <i>Cortex</i> . <i>Cortex</i> , 2022, 146, A1-A4.	2.4	1
79	Aphasia: <i>Acquired Language and Speech Disorder</i> . , 2022, , 81-87.		0
80	Difficulty and pleasure in the comprehension of verb-based metaphor sentences: A behavioral study. <i>PLoS ONE</i> , 2022, 17, e0263781.	2.5	0