

Bob McMurray

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

5,464
citations

81900

39
h-index

95266

68
g-index

136
all docs

136
docs citations

136
times ranked

2855
citing authors

#	ARTICLE	IF	CITATIONS
1	Adapting open science and pre-registration to longitudinal research. <i>Infant and Child Development</i> , 2024, 33, .	1.5	7
2	The development of lexical competition in written- and spoken-word recognition. <i>Quarterly Journal of Experimental Psychology</i> , 2023, 76, 196-219.	1.1	6
3	Within- and between-language competition in adult second language learners: implications for language proficiency. <i>Language, Cognition and Neuroscience</i> , 2022, 37, 165-181.	1.2	9
4	The Slow Development of Real-Time Processing: Spoken-Word Recognition as a Crucible for New Thinking About Language Acquisition and Language Disorders. <i>Current Directions in Psychological Science</i> , 2022, 31, 305-315.	5.3	12
5	Decoding the temporal dynamics of spoken word and nonword processing from EEG. <i>NeuroImage</i> , 2022, 260, 119457.	4.2	7
6	Pre- and post-target cortical processes predict speech-in-noise performance. <i>NeuroImage</i> , 2021, 228, 117699.	4.2	18
7	Automaticity as an independent trait in predicting reading outcomes in middle-school.. <i>Developmental Psychology</i> , 2021, 57, 361-375.	1.6	4
8	Multiple components of statistical word learning are resource dependent: Evidence from a dual-task learning paradigm. <i>Memory and Cognition</i> , 2021, 49, 984-997.	1.6	3
9	Gradient activation of speech categories facilitates listeners' recovery from lexical garden paths, but not perception of speech-in-noise.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2021, 47, 578-595.	0.9	9
10	Validation of the Iowa Test of Consonant Perception. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 2131-2153.	1.1	7
11	Cognitive and Physiological Measures of Listening Effort During Degraded Speech Perception: Relating Dual-Task and Pupillometry Paradigms. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 3627-3652.	1.6	5
12	The pictures who shall not be named: Empirical support for benefits of preview in the Visual World Paradigm. <i>Journal of Memory and Language</i> , 2021, 121, 104279.	2.1	11
13	Idiosyncratic use of bottom-up and top-down information leads to differences in speech perception flexibility: Converging evidence from ERPs and eye-tracking. <i>Brain and Language</i> , 2021, 223, 105031.	1.6	11
14	The profile of real-time competition in spoken and written word recognition: More similar than different. <i>Quarterly Journal of Experimental Psychology</i> , 2021, , 174702182110568.	1.1	7
15	Neural representations of speech: Decoding bottom-up acoustics and examining top-down effects using electroencephalography. <i>Journal of the Acoustical Society of America</i> , 2021, 150, A311-A311.	1.1	0
16	Sometimes it is better to know less: How known words influence referent selection and retention in 18- to 24-month-old children. <i>Journal of Experimental Child Psychology</i> , 2020, 189, 104705.	1.4	10
17	Students' Perceptions of a Gamified Reading Assessment. <i>Journal of Special Education Technology</i> , 2020, 35, 191-203.	2.2	4
18	Tracking Men's Perceptions of Women's Sexual Interest. <i>Current Directions in Psychological Science</i> , 2020, 29, 71-79.	5.3	3

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19	Simultaneous training on overlapping grapheme phoneme correspondences augments learning and retention. <i>Journal of Experimental Child Psychology</i> , 2020, 191, 104731.	1.4	1
20	How Can Hearing Loss Cause Dementia?. <i>Neuron</i> , 2020, 108, 401-412.	8.1	169
21	Dynamic EEG analysis during language comprehension reveals interactive cascades between perceptual processing and sentential expectations. <i>Brain and Language</i> , 2020, 211, 104875.	1.6	18
22	Spatiotemporal organization of myoclonic twitching in sleeping human infants. <i>Developmental Psychobiology</i> , 2020, 62, 697-710.	1.6	24
23	Cross-linguistic perception of clearly spoken English tense and lax vowels based on auditory, visual, and auditory-visual information. <i>Journal of Phonetics</i> , 2020, 81, 100980.	1.2	8
24	Field Tests of Learning Principles to Support Pedagogy: Overlap and Variability Jointly Affect Sound/Letter Acquisition in First Graders. <i>Journal of Cognition and Development</i> , 2019, 20, 222-252.	1.3	1
25	A real-time mechanism underlying lexical deficits in developmental language disorder: Between-word inhibition. <i>Cognition</i> , 2019, 191, 104000.	2.2	24
26	Listeners can anticipate future segments before they identify the current one. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 1147-1166.	1.3	6
27	Similarity of referents influences the learning of phonological word forms: Evidence from concurrent word learning. <i>Cognition</i> , 2019, 190, 42-60.	2.2	4
28	How Do You Deal With Uncertainty? Cochlear Implant Users Differ in the Dynamics of Lexical Processing of Noncanonical Inputs. <i>Ear and Hearing</i> , 2019, 40, 961-980.	2.1	21
29	Lexical processing depends on sublexical processing: Evidence from the visual world paradigm and aphasia. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 1047-1064.	1.3	6
30	What Are You Waiting For? Real-Time Integration of Cues for Fricatives Suggests Encapsulated Auditory Memory. <i>Cognitive Science</i> , 2019, 43, e12700.	1.7	16
31	Cross-Situational Statistical Learning of New Words Despite Bilateral Hippocampal Damage and Severe Amnesia. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 448.	2.0	8
32	Automaticity of word recognition is a unique predictor of reading fluency in middle-school students.. <i>Journal of Educational Psychology</i> , 2019, 111, 314-330.	2.9	22
33	Too Much of a Good Thing: How Novelty Biases and Vocabulary Influence Known and Novel Referent Selection in 18-Month-Old Children and Associative Learning Models. <i>Cognitive Science</i> , 2018, 42, 463-493.	1.7	27
34	Dynamic competition account of men's perceptions of women's sexual interest. <i>Cognition</i> , 2018, 174, 43-54.	2.2	5
35	Temporal Responsiveness in Mother-Child Dialogue: A Longitudinal Analysis of Children with Normal Hearing and Hearing Loss. <i>Infancy</i> , 2018, 23, 410-431.	1.6	18
36	Detecting when timeseries differ: Using the Bootstrapped Differences of Timeseries (BDOTS) to analyze Visual World Paradigm data (and more). <i>Journal of Memory and Language</i> , 2018, 102, 55-67.	2.1	28

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37	Symbolic flexibility during unsupervised word learning in children and adults. <i>Journal of Experimental Child Psychology</i> , 2018, 175, 17-36.	1.4	5
38	Speech categorization develops slowly through adolescence.. <i>Developmental Psychology</i> , 2018, 54, 1472-1491.	1.6	46
39	Morpho-phonological regularities influence the dynamics of real-time word recognition: Evidence from artificial language learning. <i>Laboratory Phonology</i> , 2018, 9, 2.	0.6	3
40	Detecting time-specific differences between temporal nonlinear curves: Analyzing data from the visual world paradigm. <i>Statistical Methods in Medical Research</i> , 2017, 26, 2708-2725.	1.5	21
41	Learning During Processing: Word Learning Doesn't Wait for Word Recognition to Finish. <i>Cognitive Science</i> , 2017, 41, 706-747.	1.7	17
42	On invariance: Acoustic input meets listener expectations. , 2017, , 21-51.		0
43	What does it take to learn a word?. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2017, 8, e1421.	2.8	32
44	Waiting for lexical access: Cochlear implants or severely degraded input lead listeners to process speech less incrementally. <i>Cognition</i> , 2017, 169, 147-164.	2.2	64
45	Evaluating the sources and functions of gradience in phoneme categorization: An individual differences approach.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2017, 43, 1594-1611.	0.9	38
46	Nature, nurture or interacting developmental systems? Endophenotypes for learning systems bridge genes, language and development. <i>Language, Cognition and Neuroscience</i> , 2016, 31, 1093-1097.	1.2	2
47	Observational word learning: Beyond propose-but-verify and associative bean counting. <i>Journal of Memory and Language</i> , 2016, 87, 105-127.	2.1	34
48	Learning in rich networks involves both positive and negative associations.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 1062-1074.	2.1	5
49	The Effect of Residual Acoustic Hearing and Adaptation to Uncertainty on Speech Perception in Cochlear Implant Users. <i>Ear and Hearing</i> , 2016, 37, e37-e51.	2.1	22
50	Language at Three Timescales: The Role of Real-time Processes in Language Development and Evolution. <i>Topics in Cognitive Science</i> , 2016, 8, 393-407.	1.9	12
51	Can you hear me yet? An intracranial investigation of speech and non-speech audiovisual interactions in human cortex. <i>Language, Cognition and Neuroscience</i> , 2016, 31, 284-302.	1.2	13
52	What Comes After /f/? Prediction in Speech Derives From Data-Explanatory Processes. <i>Psychological Science</i> , 2016, 27, 43-52.	3.3	20
53	Newly learned word forms are abstract and integrated immediately after acquisition. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 491-499.	2.8	19
54	Training alters the resolution of lexical interference: Evidence for plasticity of competition and inhibition.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 8-30.	2.1	25

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55	The Role of Single Talker Acoustic Variation in Early Word Learning. <i>Language Learning and Development</i> , 2015, 11, 66-79.	1.4	36
56	The time-course of speaking rate compensation: effects of sentential rate and vowel length on voicing judgments. <i>Language, Cognition and Neuroscience</i> , 2015, 30, 529-543.	1.2	39
57	Development of Twitching in Sleeping Infant Mice Depends on Sensory Experience. <i>Current Biology</i> , 2015, 25, 656-662.	3.9	26
58	Slowing Down Fast Mapping: Redefining the Dynamics of Word Learning. <i>Child Development Perspectives</i> , 2015, 9, 74-78.	3.9	62
59	Relative cue encoding in the context of sophisticated models of categorization: Separating information from categorization. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 916-943.	2.8	9
60	Sound identification in human auditory cortex: Differential contribution of local field potentials and high gamma power as revealed by direct intracranial recordings. <i>Brain and Language</i> , 2015, 148, 37-50.	1.6	35
61	Immediate lexical integration of novel word forms. <i>Cognition</i> , 2015, 134, 85-99.	2.2	49
62	Pigeons acquire multiple categories in parallel via associative learning: A parallel to human word learning?. <i>Cognition</i> , 2015, 136, 99-122.	2.2	42
63	The slow developmental time course of real-time spoken word recognition.. <i>Developmental Psychology</i> , 2015, 51, 1690-1703.	1.6	51
64	Contingent categorisation in speech perception. <i>Language, Cognition and Neuroscience</i> , 2014, 29, 1070-1082.	1.2	13
65	Individual Differences in Language Ability Are Related to Variation in Word Recognition, Not Speech Perception: Evidence From Eye Movements. <i>Journal of Speech, Language, and Hearing Research</i> , 2014, 57, 1344-1362.	1.6	30
66	Functional organization of human auditory cortex: Investigation of response latencies through direct recordings. <i>NeuroImage</i> , 2014, 101, 598-609.	4.2	78
67	The process of spoken word recognition in the face of signal degradation.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 308-327.	0.9	51
68	Perceptual similarity affects the learning curve (but not necessarily learning).. <i>Journal of Experimental Psychology: General</i> , 2014, 143, 312-331.	2.1	17
69	Longitudinal Speech Perception and Language Performance in Pediatric Cochlear Implant Users. <i>Ear and Hearing</i> , 2014, 35, 148-160.	2.1	130
70	The development of voicing categories: A quantitative review of over 40 years of infant speech perception research. <i>Psychonomic Bulletin and Review</i> , 2014, 21, 884-906.	2.8	20
71	Four-month-old infants' visual investigation of cats and dogs: Relations with pet experience and attentional strategy.. <i>Developmental Psychology</i> , 2014, 50, 402-413.	1.6	41
72	Reconsidering the role of temporal order in spoken word recognition. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 981-987.	2.8	32

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73	Infant directed speech and the development of speech perception: Enhancing development or an unintended consequence?. <i>Cognition</i> , 2013, 129, 362-378.	2.2	105
74	Spatiotemporal Structure of REM Sleep Twitching Reveals Developmental Origins of Motor Synergies. <i>Current Biology</i> , 2013, 23, 2100-2109.	3.9	86
75	Testâ€“Retest Reliability of Eye Tracking in the Visual World Paradigm for the Study of Real-Time Spoken Word Recognition. <i>Journal of Speech, Language, and Hearing Research</i> , 2013, 56, 1328-1345.	1.6	67
76	Statistical learning in reading: Variability in irrelevant letters helps children learn phonics skills.. <i>Developmental Psychology</i> , 2013, 49, 1348-1365.	1.6	63
77	Pushing the Envelope of Associative Learning. , 2013, , 49-80.		7
78	Bob McMurray: Award for Distinguished Scientific Early Career Contributions to Psychology.. <i>American Psychologist</i> , 2012, 67, 635-637.	4.2	0
79	Word learning emerges from the interaction of online referent selection and slow associative learning.. <i>Psychological Review</i> , 2012, 119, 831-877.	3.8	308
80	The past, present, and future of computational models of cognitive development. <i>Cognitive Development</i> , 2012, 27, 326-348.	1.3	39
81	Cue-integration and context effects in speech: Evidence against speaking-rate normalization. <i>Attention, Perception, and Psychophysics</i> , 2012, 74, 1284-1301.	1.3	49
82	Contributions of Attentional Style and Previous Experience to 4â€“Monthâ€“Old Infantsâ€™ Categorization. <i>Infancy</i> , 2012, 17, 324-338.	1.6	59
83	Using Variability to Guide Dimensional Weighting: Associative Mechanisms in Early Word Learning. <i>Cognitive Science</i> , 2011, 35, 1105-1138.	1.7	69
84	Rate effects on Swedish VOT: Evidence for phonological overspecification. <i>Journal of Phonetics</i> , 2011, 39, 39-49.	1.2	64
85	Whatâ€™s new? Children prefer novelty in referent selection. <i>Cognition</i> , 2011, 118, 234-244.	2.2	76
86	Semantic priming is affected by real-time phonological competition: Evidence for continuous cascading systems. <i>Psychonomic Bulletin and Review</i> , 2011, 18, 141-149.	2.8	47
87	What information is necessary for speech categorization? Harnessing variability in the speech signal by integrating cues computed relative to expectations.. <i>Psychological Review</i> , 2011, 118, 219-246.	3.8	201
88	Emergent Information-Level Coupling Between Perception and Production. , 2011, , .		3
89	Continuous dynamics of color categorization. <i>Psychonomic Bulletin and Review</i> , 2010, 17, 348-354.	2.8	27
90	Individual differences in online spoken word recognition: Implications for SLI. <i>Cognitive Psychology</i> , 2010, 60, 1-39.	2.2	172

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91	Unmasking the acoustic effects of vowel-to-vowel coarticulation: A statistical modeling approach. <i>Journal of Phonetics</i> , 2010, 38, 167-184.	1.2	60
92	Finding the Signal by Adding Noise: The Role of Noncontrastive Phonetic Variability in Early Word Learning. <i>Infancy</i> , 2010, 15, 608-635.	1.6	129
93	Cue Integration With Categories: Weighting Acoustic Cues in Speech Using Unsupervised Learning and Distributional Statistics. <i>Cognitive Science</i> , 2010, 34, 434-464.	1.7	157
94	Continuous Perception and Graded Categorization. <i>Psychological Science</i> , 2010, 21, 1532-1540.	3.3	150
95	Variability in languages, variability in learning?. <i>Behavioral and Brain Sciences</i> , 2009, 32, 459-460.	0.7	2
96	Within-category VOT affects recovery from "lexical" garden-paths: Evidence against phoneme-level inhibition. <i>Journal of Memory and Language</i> , 2009, 60, 65-91.	2.1	196
97	On Leveraged Learning in Lexical Acquisition and Its Relationship to Acceleration. <i>Cognitive Science</i> , 2009, 33, 1503-1523.	1.7	15
98	Speaker variability augments phonological processing in early word learning. <i>Developmental Science</i> , 2009, 12, 339-349.	2.4	258
99	Core computational principles of language acquisition: can statistical learning do the job? Introduction to Special Section. <i>Developmental Science</i> , 2009, 12, 365-368.	2.4	12
100	Statistical learning of phonetic categories: insights from a computational approach. <i>Developmental Science</i> , 2009, 12, 369-378.	2.4	186
101	Short Arms and Talking Eggs: Why We Should No Longer Abide the Nativist"Empiricist Debate. <i>Child Development Perspectives</i> , 2009, 3, 79-87.	3.9	133
102	Seeing the World Through a Third Eye: Developmental Systems Theory Looks Beyond the Nativist"Empiricist Debate. <i>Child Development Perspectives</i> , 2009, 3, 103-105.	3.9	14
103	Context Effects on Musical Chord Categorization: Different Forms of Top"Down Feedback in Speech and Music?. <i>Cognitive Science</i> , 2008, 32, 893-920.	1.7	9
104	Tracking the time course of phonetic cue integration during spoken word recognition. <i>Psychonomic Bulletin and Review</i> , 2008, 15, 1064-1071.	2.8	70
105	Gradient sensitivity to within-category variation in words and syllables.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2008, 34, 1609-1631.	0.9	76
106	Defusing the Childhood Vocabulary Explosion. <i>Science</i> , 2007, 317, 631-631.	12.6	164
107	Moo-cow! Mummy! More! How do children learn so many words?. <i>Significance</i> , 2007, 4, 159-163.	0.4	2
108	Infants are sensitive to within-category variation in speech perception. <i>Cognition</i> , 2005, 95, B15-B26.	2.2	106

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109	It's not how many dimensions you have, it's what you do with them: Evidence from speech perception. Behavioral and Brain Sciences, 2005, 28, 31-31.	0.7	0
110	Automated Corneal-Reflection Eye Tracking in Infancy: Methodological Developments and Applications to Cognition. Infancy, 2004, 6, 155-163.	1.6	69
111	Anticipatory Eye Movements Reveal Infants' Auditory and Visual Categories. Infancy, 2004, 6, 203-229.	1.6	82
112	Antiphonal Responses to Loud Contact Calls Produced by <i>Saguinus oedipus</i> . International Journal of Primatology, 2004, 25, 465-475.	1.9	11
113	Lexical effects on compensation for coarticulation: the ghost of Christmash past. Cognitive Science, 2003, 27, 285-298.	1.7	52
114	Lexical effects on compensation for coarticulation: a tale of two systems?. Cognitive Science, 2003, 27, 801-805.	1.7	22
115	Probabilistic constraint satisfaction at the lexical/phonetic interface: evidence for gradient effects of within-category VOT on lexical access. Journal of Psycholinguistic Research, 2003, 32, 77-97.	1.3	48
116	Gradient effects of within-category phonetic variation on lexical access. Cognition, 2002, 86, B33-B42.	2.2	306
117	No compelling evidence against feedback in spoken word recognition. Behavioral and Brain Sciences, 2000, 23, 348-349.	0.7	1