

Mairead Macsweeney

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,768
citations

218677

26
h-index

197818

49
g-index

53
all docs

53
docs citations

53
times ranked

1941
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural systems underlying British Sign Language and audio-visual English processing in native users. <i>Brain</i> , 2002, 125, 1583-1593.	7.6	251
2	The signing brain: the neurobiology of sign language. <i>Trends in Cognitive Sciences</i> , 2008, 12, 432-440.	7.8	211
3	Cortical substrates for the perception of face actions: an fMRI study of the specificity of activation for seen speech and for meaningless lower-face acts (gurning). <i>Cognitive Brain Research</i> , 2001, 12, 233-243.	3.0	193
4	Acoustic noise and functional magnetic resonance imaging: Current strategies and future prospects. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 497-510.	3.4	162
5	Dissociating linguistic and nonlinguistic gestural communication in the brain. <i>NeuroImage</i> , 2004, 22, 1605-1618.	4.2	162
6	Phonological processing in deaf signers and the impact of age of first language acquisition. <i>NeuroImage</i> , 2008, 40, 1369-1379.	4.2	120
7	Silent speechreading in the absence of scanner noise. <i>NeuroReport</i> , 2000, 11, 1729-1733.	1.2	108
8	Neural Correlates of British Sign Language Comprehension: Spatial Processing Demands of Topographic Language. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 1064-1075.	2.3	107
9	Predictors of Reading Delay in Deaf Adolescents: The Relative Contributions of Rapid Automatized Naming Speed and Phonological Awareness and Decoding. <i>Journal of Deaf Studies and Deaf Education</i> , 2003, 8, 215-229.	1.2	102
10	Hand and Mouth: Cortical Correlates of Lexical Processing in British Sign Language and Speechreading English. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1220-1234.	2.3	85
11	Enhanced activation of the left inferior frontal gyrus in deaf and dyslexic adults during rhyming. <i>Brain</i> , 2009, 132, 1928-1940.	7.6	85
12	Speechreading circuits in people born deaf. <i>Neuropsychologia</i> , 2002, 40, 801-807.	1.6	82
13	Cortical circuits for silent speechreading in deaf and hearing people. <i>Neuropsychologia</i> , 2008, 46, 1233-1241.	1.6	81
14	Sign Language and the Brain: A Review. <i>Journal of Deaf Studies and Deaf Education</i> , 2007, 13, 3-20.	1.2	79
15	A generative model of speech production in Broca's and Wernicke's areas. <i>Frontiers in Psychology</i> , 2011, 2, 237.	2.1	79
16	Lexical and sentential processing in British Sign Language. <i>Human Brain Mapping</i> , 2006, 27, 63-76.	3.6	68
17	Dispersed activation in the left temporal cortex for speech-reading in congenitally deaf people. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 451-457.	2.6	65
18	Speechreading and its association with reading among deaf, hearing and dyslexic individuals. <i>Clinical Linguistics and Phonetics</i> , 2006, 20, 621-630.	0.9	58

#	ARTICLE	IF	CITATIONS
19	Superior temporal activation as a function of linguistic knowledge: Insights from deaf native signers who speechread. <i>Brain and Language</i> , 2010, 112, 129-134.	1.6	57
20	The relative contributions of speechreading and vocabulary to deaf and hearing children's reading ability. <i>Research in Developmental Disabilities</i> , 2016, 48, 13-24.	2.2	49
21	Speechreading Development in Deaf and Hearing Children: Introducing the Test of Child Speechreading. <i>Journal of Speech, Language, and Hearing Research</i> , 2013, 56, 416-426.	1.6	47
22	Fingerspelling, signed language, text and picture processing in deaf native signers: The role of the mid-fusiform gyrus. <i>NeuroImage</i> , 2007, 35, 1287-1302.	4.2	44
23	Cochlear implantation (CI) for prelingual deafness: the relevance of studies of brain organization and the role of first language acquisition in considering outcome success. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 834.	2.0	36
24	Speechreading Skill and Visual Movement Sensitivity are Related in Deaf Speechreaders. <i>Perception</i> , 2005, 34, 205-216.	1.2	32
25	Investigating language lateralization during phonological and semantic fluency tasks using functional transcranial Doppler sonography. <i>Laterality</i> , 2015, 20, 49-68.	1.0	32
26	How Auditory Experience Differentially Influences the Function of Left and Right Superior Temporal Cortices. <i>Journal of Neuroscience</i> , 2017, 37, 9564-9573.	3.6	32
27	The Neurobiology of Rhyme Judgment by Deaf and Hearing Adults: An ERP Study. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1037-1048.	2.3	30
28	Motor excitability during visual perception of known and unknown spoken languages. <i>Brain and Language</i> , 2013, 126, 1-7.	1.6	29
29	Microstructural differences in the thalamus and thalamic radiations in the congenitally deaf. <i>NeuroImage</i> , 2014, 100, 347-357.	4.2	26
30	Eye Movements During Visual Speech Perception in Deaf and Hearing Children. <i>Language Learning</i> , 2018, 68, 159-179.	2.7	26
31	What is the function of auditory cortex without auditory input?. <i>Brain</i> , 2015, 138, 2468-2470.	7.6	21
32	Language experience influences audiovisual speech integration in unimodal and bimodal bilingual infants. <i>Developmental Science</i> , 2019, 22, e12701.	2.4	21
33	The impact of early language exposure on the neural system supporting language in deaf and hearing adults. <i>NeuroImage</i> , 2020, 209, 116411.	4.2	18
34	Identification of the regions involved in phonological assembly using a novel paradigm. <i>Brain and Language</i> , 2015, 150, 45-53.	1.6	16
35	Sign and Speech Share Partially Overlapping Conceptual Representations. <i>Current Biology</i> , 2019, 29, 3739-3747.e5.	3.9	16
36	Language Experience Impacts Brain Activation for Spoken and Signed Language in Infancy: Insights From Unimodal and Bimodal Bilinguals. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2020, 1, 9-32.	3.1	16

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37	Speechreading in Deaf Adults with Cochlear Implants: Evidence for Perceptual Compensation. <i>Frontiers in Psychology</i> , 2017, 8, 106.	2.1	15
38	Stimulus rate increases lateralisation in linguistic and non-linguistic tasks measured by functional transcranial Doppler sonography. <i>Neuropsychologia</i> , 2015, 72, 59-69.	1.6	12
39	Impact of Language Experience on Attention to Faces in Infancy: Evidence From Unimodal and Bimodal Bilingual Infants. <i>Frontiers in Psychology</i> , 2018, 9, 1943.	2.1	12
40	Language lateralization of hearing native signers: A functional transcranial Doppler sonography (fTCD) study of speech and sign production. <i>Brain and Language</i> , 2015, 151, 23-34.	1.6	9
41	The signer and the sign: Cortical correlates of person identity and language processing from point-light displays. <i>Neuropsychologia</i> , 2011, 49, 3018-3026.	1.6	8
42	Let's not forget the role of deafness in sign/speech bilingualism. <i>Bilingualism</i> , 2016, 19, 253-255.	1.3	8
43	Examining the contribution of motor movement and language dominance to increased left lateralization during sign generation in native signers. <i>Brain and Language</i> , 2016, 159, 109-117.	1.6	8
44	Cerebral lateralisation during signed and spoken language production in children born deaf. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100619.	4.0	8
45	Talking with Your (Artificial) Hands: Communicative Hand Gestures as an Implicit Measure of Embodiment. <i>IScience</i> , 2020, 23, 101650.	4.1	8
46	Computerized Speechreading Training for Deaf Children: A Randomized Controlled Trial. <i>Journal of Speech, Language, and Hearing Research</i> , 2019, 62, 2882-2894.	1.6	8
47	Speechreading Ability Is Related to Phonological Awareness and Single-Word Reading in Both Deaf and Hearing Children. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 3775-3785.	1.6	7
48	Chapter 9. Neurobiological insights from the study of deafness and sign language. <i>Trends in Language Acquisition Research</i> , 2020, , 159-181.	0.3	6
49	Inconsistent language lateralisation – Testing the dissociable language laterality hypothesis using behaviour and lateralised cerebral blood flow. <i>Cortex</i> , 2022, 154, 105-134.	2.4	6
50	Speechreading in hearing children can be improved by training. <i>Developmental Science</i> , 2021, 24, e13124.	2.4	1