

Mairead Macsweeney

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,768
citations

218592

26
h-index

197736

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.	3.7	251
2	The signing brain: the neurobiology of sign language. <i>Trends in Cognitive Sciences</i> , 2008, 12, 432-440.	4.0	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.	3.3	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.	1.9	162
5	Dissociating linguistic and nonlinguistic gestural communication in the brain. <i>NeuroImage</i> , 2004, 22, 1605-1618.	2.1	162
6	Phonological processing in deaf signers and the impact of age of first language acquisition. <i>NeuroImage</i> , 2008, 40, 1369-1379.	2.1	120
7	Silent speechreading in the absence of scanner noise. <i>NeuroReport</i> , 2000, 11, 1729-1733.	0.6	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.	1.1	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.	0.7	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.	1.1	85
11	Enhanced activation of the left inferior frontal gyrus in deaf and dyslexic adults during rhyming. <i>Brain</i> , 2009, 132, 1928-1940.	3.7	85
12	Speechreading circuits in people born deaf. <i>Neuropsychologia</i> , 2002, 40, 801-807.	0.7	82
13	Cortical circuits for silent speechreading in deaf and hearing people. <i>Neuropsychologia</i> , 2008, 46, 1233-1241.	0.7	81
14	Sign Language and the Brain: A Review. <i>Journal of Deaf Studies and Deaf Education</i> , 2007, 13, 3-20.	0.7	79
15	A generative model of speech production in Broca's and Wernicke's areas. <i>Frontiers in Psychology</i> , 2011, 2, 237.	1.1	79
16	Lexical and sentential processing in British Sign Language. <i>Human Brain Mapping</i> , 2006, 27, 63-76.	1.9	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.	1.2	65
18	Speechreading and its association with reading among deaf, hearing and dyslexic individuals. <i>Clinical Linguistics and Phonetics</i> , 2006, 20, 621-630.	0.5	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.	0.8	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.	1.2	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.	0.7	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.	2.1	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.	1.0	36
24	Speechreading Skill and Visual Movement Sensitivity are Related in Deaf Speechreaders. <i>Perception</i> , 2005, 34, 205-216.	0.5	32
25	Investigating language lateralization during phonological and semantic fluency tasks using functional transcranial Doppler sonography. <i>Laterality</i> , 2015, 20, 49-68.	0.5	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.	1.7	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.	1.1	30
28	Motor excitability during visual perception of known and unknown spoken languages. <i>Brain and Language</i> , 2013, 126, 1-7.	0.8	29
29	Microstructural differences in the thalamus and thalamic radiations in the congenitally deaf. <i>NeuroImage</i> , 2014, 100, 347-357.	2.1	26
30	Eye Movements During Visual Speech Perception in Deaf and Hearing Children. <i>Language Learning</i> , 2018, 68, 159-179.	1.4	26
31	What is the function of auditory cortex without auditory input?. <i>Brain</i> , 2015, 138, 2468-2470.	3.7	21
32	Language experience influences audiovisual speech integration in unimodal and bimodal bilingual infants. <i>Developmental Science</i> , 2019, 22, e12701.	1.3	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.	2.1	18
34	Identification of the regions involved in phonological assembly using a novel paradigm. <i>Brain and Language</i> , 2015, 150, 45-53.	0.8	16
35	Sign and Speech Share Partially Overlapping Conceptual Representations. <i>Current Biology</i> , 2019, 29, 3739-3747.e5.	1.8	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.	1.7	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.	1.1	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.	0.7	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.	1.1	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.	0.8	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.	0.7	8
42	Let's not forget the role of deafness in sign/speech bilingualism. <i>Bilingualism</i> , 2016, 19, 253-255.	1.0	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.	0.8	8
44	Cerebral lateralisation during signed and spoken language production in children born deaf. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100619.	1.9	8
45	Talking with Your (Artificial) Hands: Communicative Hand Gestures as an Implicit Measure of Embodiment. <i>IScience</i> , 2020, 23, 101650.	1.9	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.	0.7	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.	0.7	7
48	Chapter 9. Neurobiological insights from the study of deafness and sign language. <i>Trends in Language Acquisition Research</i> , 2020, , 159-181.	0.2	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.	1.1	6
50	Speechreading in hearing children can be improved by training. <i>Developmental Science</i> , 2021, 24, e13124.	1.3	1