

# Karen Emmorey

## List of Publications by Year in descending order

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93  
papers

4,148  
citations

109321

35  
h-index

128289

60  
g-index

93  
all docs

93  
docs citations

93  
times ranked

2185  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Bimodal bilingualism. <i>Bilingualism</i> , 2008, 11, 43-61.  | 1.3 | 255       |
| 2  | The Source of Enhanced Cognitive Control in Bilinguals. <i>Psychological Science</i> , 2008, 19, 1201-1206.   | 3.3 | 218       |
| 3  | Visual imagery and visual-spatial language: Enhanced imagery abilities in deaf and hearing ASL signers. <i>Cognition</i> , 1993, 46, 139-181.   | 2.2 | 206       |
| 4  | Neural Systems Underlying Spatial Language in American Sign Language. <i>NeuroImage</i> , 2002, 17, 812-824.  | 4.2 | 204       |
| 5  | A morphometric analysis of auditory brain regions in congenitally deaf adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10049-10054. | 7.1 | 182       |
| 6  | Lexical Recognition in Sign Language: Effects of Phonetic Structure and Morphology. <i>Perceptual and Motor Skills</i> , 1990, 71, 1227-1252.   | 1.3 | 146       |
| 7  | The neural correlates of sign versus word production. <i>NeuroImage</i> , 2007, 36, 202-208.  | 4.2 | 136       |
| 8  | ASL-LEX: A lexical database of American Sign Language. <i>Behavior Research Methods</i> , 2017, 49, 784-801.  | 4.0 | 125       |
| 9  | Synchronization to auditory and visual rhythms in hearing and deaf individuals. <i>Cognition</i> , 2015, 134, 232-244.  | 2.2 | 119       |
| 10 | Psycholinguistic, cognitive, and neural implications of bimodal bilingualism. <i>Bilingualism</i> , 2016, 19, 223-242.  | 1.3 | 102       |
| 11 | Iconicity as structure mapping. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130301.  | 4.0 | 100       |
| 12 | Using space to describe space: Perspective in speech, sign, and gesture. <i>Spatial Cognition and Computation</i> , 2000, 2, 157-180.   | 1.2 | 99        |
| 13 | Eye Gaze During Comprehension of American Sign Language by Native and Beginning Signers. <i>Journal of Deaf Studies and Deaf Education</i> , 2008, 14, 237-243.                                 | 1.2 | 97        |
| 14 | Neural organization for recognition of grammatical and emotional facial expressions in deaf ASL signers and hearing nonsigners. <i>Cognitive Brain Research</i> , 2005, 22, 193-203.            | 3.0 | 92        |
| 15 | "Tip of the Fingers" Experiences by Deaf Signers: Insights Into the Organization of a Sign-Based Lexicon. <i>Psychological Science</i> , 2005, 16, 856-860.                                     | 3.3 | 90        |
| 16 | Bilingual processing of ASL-English code-blends: The consequences of accessing two lexical representations simultaneously. <i>Journal of Memory and Language</i> , 2012, 67, 199-210.           | 2.1 | 82        |
| 17 | Neural systems underlying lexical retrieval for sign language. <i>Neuropsychologia</i> , 2003, 41, 85-95.   | 1.6 | 71        |
| 18 | Visual feedback and self-monitoring of sign language. <i>Journal of Memory and Language</i> , 2009, 61, 398-411.  | 2.1 | 69        |

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|----|--|-----|-----------|
| 19 | Parallel language activation and inhibitory control in bimodal bilinguals. <i>Cognition</i> , 2015, 141, 9-25.   | 2.2 | 69        |
| 20 | The bimodal bilingual brain: Effects of sign language experience. <i>Brain and Language</i> , 2009, 109, 124-132.  | 1.6 | 67        |
| 21 | Motor-iconicity of sign language does not alter the neural systems underlying tool and action naming. <i>Brain and Language</i> , 2004, 89, 27-37.   | 1.6 | 65        |
| 22 | Language switching decomposed through MEG and evidence from bimodal bilinguals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9708-9713.   | 7.1 | 65        |
| 23 | CNS activation and regional connectivity during pantomime observation: No engagement of the mirror neuron system for deaf signers. <i>NeuroImage</i> , 2010, 49, 994-1005.                       | 4.2 | 64        |
| 24 | The neural correlates of spatial language in English and American Sign Language: a PET study with hearing bilinguals. <i>NeuroImage</i> , 2005, 24, 832-840.                                     | 4.2 | 63        |
| 25 | Effects of iconicity and semantic relatedness on lexical access in American sign language. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2010, 36, 1573-1581.       | 0.9 | 62        |
| 26 | The Face of Bimodal Bilingualism. <i>Psychological Science</i> , 2008, 19, 531-535.  | 3.3 | 58        |
| 27 | The Biology of Linguistic Expression Impacts Neural Correlates for Spatial Language. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 517-533.   | 2.3 | 58        |
| 28 | How sensory-motor systems impact the neural organization for language: direct contrasts between spoken and signed language. <i>Frontiers in Psychology</i> , 2014, 5, 484.                       | 2.1 | 58        |
| 29 | The Relationship between Eye Gaze and Verb Agreement in American Sign Language: An Eye-tracking Study. <i>Natural Language and Linguistic Theory</i> , 2006, 24, 571-604.                        | 1.0 | 56        |
| 30 | Sign language and pantomime production differentially engage frontal and parietal cortices. <i>Language and Cognitive Processes</i> , 2011, 26, 878-901.   | 2.2 | 56        |
| 31 | Morphology of the Insula in Relation to Hearing Status and Sign Language Experience. <i>Journal of Neuroscience</i> , 2008, 28, 11900-11905.   | 3.6 | 53        |
| 32 | Implicit co-activation of American Sign Language in deaf readers: An ERP study. <i>Brain and Language</i> , 2017, 170, 50-61.  | 1.6 | 51        |
| 33 | Categorical perception of affective and linguistic facial expressions. <i>Cognition</i> , 2009, 110, 208-221.  | 2.2 | 49        |
| 34 | Mapping the reading circuitry for skilled deaf readers: An fMRI study of semantic and phonological processing. <i>Brain and Language</i> , 2013, 126, 169-180.                                   | 1.6 | 48        |
| 35 | Neuroanatomical differences in visual, motor, and language cortices between congenitally deaf signers, hearing signers, and hearing non-signers. <i>Frontiers in Neuroanatomy</i> , 2013, 7, 26. | 1.7 | 45        |
| 36 | Language co-activation and lexical selection in bimodal bilinguals: Evidence from picture-word interference. <i>Bilingualism</i> , 2016, 19, 264-276.  | 1.3 | 39        |

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|----|--|-----|-----------|
| 37 | The neural circuits recruited for the production of signs and fingerspelled words. <i>Brain and Language</i> , 2016, 160, 30-41.   | 1.6 | 37        |
| 38 | Processing Orthographic Structure: Associations Between Print and Fingerspelling. <i>Journal of Deaf Studies and Deaf Education</i> , 2012, 17, 194-204.                                     | 1.2 | 36        |
| 39 | The puzzle of working memory for sign language. <i>Trends in Cognitive Sciences</i> , 2004, 8, 521-523.  | 7.8 | 34        |
| 40 | How bilingualism protects the brain from aging: Insights from bimodal bilinguals. <i>Human Brain Mapping</i> , 2017, 38, 4109-4124.  | 3.6 | 33        |
| 41 | The N170 ERP component differs in laterality, distribution, and association with continuous reading measures for deaf and hearing readers. <i>Neuropsychologia</i> , 2017, 106, 298-309.     | 1.6 | 30        |
| 42 | The ASL-LEX 2.0 Project: A Database of Lexical and Phonological Properties for 2,723 Signs in American Sign Language. <i>Journal of Deaf Studies and Deaf Education</i> , 2021, 26, 263-277. | 1.2 | 28        |
| 43 | American Sign Language Comprehension Test: A Tool for Sign Language Researchers. <i>Journal of Deaf Studies and Deaf Education</i> , 2016, 21, 64-69.  | 1.2 | 25        |
| 44 | ERP Evidence for Co-Activation of English Words during Recognition of American Sign Language Signs. <i>Brain Sciences</i> , 2019, 9, 148.  | 2.3 | 25        |
| 45 | Motion-sensitive cortex and motion semantics in American Sign Language. <i>NeuroImage</i> , 2012, 63, 111-118.   | 4.2 | 23        |
| 46 | The Use of Visual Feedback During Signing: Evidence From Signers With Impaired Vision. <i>Journal of Deaf Studies and Deaf Education</i> , 2009, 14, 99-104.                                 | 1.2 | 22        |
| 47 | Neural correlates of fingerspelling, text, and sign processing in deaf American Sign Language-English bilinguals. <i>Language, Cognition and Neuroscience</i> , 2015, 30, 749-767.           | 1.2 | 22        |
| 48 | Viewpoint in the Visual-Spatial Modality: The Coordination of Spatial Perspective. <i>Spatial Cognition and Computation</i> , 2015, 15, 143-169.   | 1.2 | 21        |
| 49 | Conceptual Locations and Pronominal Reference in American Sign Language. <i>Journal of Psycholinguistic Research</i> , 2004, 33, 321-331.  | 1.3 | 19        |
| 50 | Fingerspelled and Printed Words Are Recoded into a Speech-based Code in Short-term Memory. <i>Journal of Deaf Studies and Deaf Education</i> , 2017, 22, 72-87.                              | 1.2 | 17        |
| 51 | Simultaneous perception of a spoken and a signed language: The brain basis of ASL-English code-blends. <i>Brain and Language</i> , 2015, 147, 96-106.  | 1.6 | 16        |
| 52 | Orthographic and phonological selectivity across the reading system in deaf skilled readers. <i>Neuropsychologia</i> , 2018, 117, 500-512.   | 1.6 | 16        |
| 53 | Cross-modal translation priming and iconicity effects in deaf signers and hearing learners of American Sign Language. <i>Bilingualism</i> , 2020, 23, 1032-1044.                             | 1.3 | 16        |
| 54 | The neural underpinnings of reading skill in deaf adults. <i>Brain and Language</i> , 2016, 160, 11-20.  | 1.6 | 15        |

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|----|--|-----|-----------|
| 55 | Phonological and semantic priming in American Sign Language: N300 and N400 effects. <i>Language, Cognition and Neuroscience</i> , 2018, 33, 1092-1106.   | 1.2 | 15        |
| 56 | Neurophysiological Correlates of Frequency, Concreteness, and Iconicity in American Sign Language. <i>Neurobiology of Language (Cambridge, Mass )</i> , 2020, 1, 249-267.  | 3.1 | 15        |
| 57 | Brain-based individual difference measures of reading skill in deaf and hearing adults. <i>Neuropsychologia</i> , 2017, 101, 153-168.  | 1.6 | 14        |
| 58 | Multimodal integration of spontaneously produced representational co-speech gestures: an fMRI study. <i>Language, Cognition and Neuroscience</i> , 2017, 32, 158-174.  | 1.2 | 14        |
| 59 | Multimodal imaging of brain reorganization in hearing late learners of sign language. <i>Human Brain Mapping</i> , 2021, 42, 384-397.  | 3.6 | 14        |
| 60 | Sign languages are problematic for a gestural origins theory of language evolution. <i>Behavioral and Brain Sciences</i> , 2005, 28, 130-131.  | 0.7 | 13        |
| 61 | Directionality in ASL-English interpreting. <i>Interpreting</i> , 2015, 17, 145-166.   | 1.3 | 12        |
| 62 | Visual-Spatial Perspective-Taking in Spatial Scenes and in American Sign Language. <i>Journal of Deaf Studies and Deaf Education</i> , 2020, 25, 447-456.  | 1.2 | 12        |
| 63 | An ERP investigation of orthographic precision in deaf and hearing readers. <i>Neuropsychologia</i> , 2020, 146, 107542.   | 1.6 | 12        |
| 64 | ERP Effects of masked orthographic neighbour priming in deaf readers. <i>Language, Cognition and Neuroscience</i> , 2019, 34, 1016-1026.   | 1.2 | 11        |
| 65 | Second language acquisition of American Sign Language influences co-speech gesture production. <i>Bilingualism</i> , 2020, 23, 473-482.  | 1.3 | 11        |
| 66 | On the Connection Between Language Control and Executive Control—An ERP Study. <i>Neurobiology of Language (Cambridge, Mass )</i> , 2021, 2, 628-646.  | 3.1 | 11        |
| 67 | Turning languages on and off: Switching into and out of code-blends reveals the nature of bilingual language control.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2020, 46, 443-454. | 0.9 | 11        |
| 68 | Functional Connectivity Reveals Which Language the “Control Regions” Control during Bilingual Production. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 616.  | 2.0 | 10        |
| 69 | Graph theoretical analysis of functional network for comprehension of sign language. <i>Brain Research</i> , 2017, 1671, 55-66.  | 2.2 | 10        |
| 70 | Assessing the Comprehension of Spatial Perspectives in ASL Classifier Constructions. <i>Journal of Deaf Studies and Deaf Education</i> , 2019, 24, 214-222.  | 1.2 | 9         |
| 71 | Unique N170 signatures to words and faces in deaf ASL signers reflect experience-specific adaptations during early visual processing. <i>Neuropsychologia</i> , 2020, 141, 107414.                                   | 1.6 | 9         |
| 72 | The neurocognitive basis of skilled reading in prelingually and profoundly deaf adults. <i>Language and Linguistics Compass</i> , 2021, 15, e12407.  | 2.3 | 9         |

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|----|--|-----|-----------|
| 73 | Contribution of Lexical Quality and Sign Language Variables to Reading Comprehension. <i>Journal of Deaf Studies and Deaf Education</i> , 2022, 27, 355-372.                                   | 1.2 | 9         |
| 74 | Effects of deafness and sign language experience on the human brain: voxel-based and surface-based morphometry. <i>Language, Cognition and Neuroscience</i> , 2021, 36, 422-439.               | 1.2 | 8         |
| 75 | Language control in bimodal bilinguals: Evidence from ERPs. <i>Neuropsychologia</i> , 2021, 161, 108019.   | 1.6 | 7         |
| 76 | New Perspectives on the Neurobiology of Sign Languages. <i>Frontiers in Communication</i> , 2021, 6, .   | 1.2 | 7         |
| 77 | Lexical selection in bimodal bilinguals: ERP evidence from picture-word interference. <i>Language, Cognition and Neuroscience</i> , 2021, 36, 840-853.   | 1.2 | 6         |
| 78 | Picture-naming in American Sign Language: an electrophysiological study of the effects of iconicity and structured alignment. <i>Language, Cognition and Neuroscience</i> , 2021, 36, 199-210. | 1.2 | 6         |
| 79 | Masked ERP repetition priming in deaf and hearing readers. <i>Brain and Language</i> , 2021, 214, 104903.  | 1.6 | 6         |
| 80 | The organization of the American Sign Language lexicon: Comparing one- and two-parameter ERP phonological priming effects across tasks. <i>Brain and Language</i> , 2021, 218, 104960.         | 1.6 | 6         |
| 81 | The eyes don't point: Understanding language universals through person marking in American Signed Language. <i>Lingua</i> , 2013, 137, 219-229.  | 1.0 | 5         |
| 82 | The effects of multiple linguistic variables on picture naming in American Sign Language. <i>Behavior Research Methods</i> , 2022, 54, 2502-2521.  | 4.0 | 5         |
| 83 | Tracking the time course of sign recognition using ERP repetition priming. <i>Psychophysiology</i> , 2022, 59, e13975.   | 2.4 | 4         |
| 84 | Code-blending with depicting signs. <i>Linguistic Approaches To Bilingualism</i> , 2020, 10, 290-308.  | 0.9 | 3         |
| 85 | Matching pictures and signs: An ERP study of the effects of iconic structural alignment in American sign language. <i>Neuropsychologia</i> , 2021, 162, 108051.                                | 1.6 | 3         |
| 86 | Second language acquisition of American Sign Language influences co-speech gesture production. <i>Bilingualism</i> , 2020, 23, 473-482.  | 1.3 | 3         |
| 87 | Language: Do Bilinguals Think Differently in Each Language?. <i>Current Biology</i> , 2019, 29, R1133-R1135.   | 3.9 | 2         |
| 88 | Environmentally-Coupled Signs and Gestures. <i>Journal of Cognition</i> , 2021, 4, 39.   | 1.4 | 1         |
| 89 | The neural correlates for spatial language: Perspective-dependent and -independent relationships in American Sign Language and spoken English. <i>Brain and Language</i> , 2021, 223, 105044.  | 1.6 | 1         |
| 90 | Experimental approaches to studying visible meaning. <i>Theoretical Linguistics</i> , 2018, 44, 259-263.   | 0.2 | 0         |

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|----|--|-----|-----------|
| 91 | Sign Language: How the Brain Represents Phonology without Sound. <i>Current Biology</i> , 2020, 30, R1361-R1363.   | 3.9 | 0         |
| 92 | Teaching & Learning Guide for: The neurocognitive basis of skilled reading in prelingually and profoundly deaf adults. <i>Language and Linguistics Compass</i> , 2021, 15, e12410. | 2.3 | 0         |
| 93 | Cross-linguistic metaphor priming in ASL-English bilinguals. <i>Sign Language and Linguistics (Online)</i> , 2020, 23, 96-111.   | 0.5 | 0         |