

# Thomas C Gunter

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

5,520  
citations

101543

36  
h-index

114465

63  
g-index

65  
all docs

65  
docs citations

65  
times ranked

3386  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Musical syntax is processed in Broca's area: an MEG study. <i>Nature Neuroscience</i> , 2001, 4, 540-545.  | 14.8 | 820       |
| 2  | Bach Speaks: A Cortical "Language-Network" Serves the Processing of Music. <i>NeuroImage</i> , 2002, 17, 956-966.  | 4.2  | 445       |
| 3  | Syntactic Gender and Semantic Expectancy: ERPs Reveal Early Autonomy and Late Interaction. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 556-568.                         | 2.3  | 362       |
| 4  | When syntax meets semantics. <i>Psychophysiology</i> , 1997, 34, 660-676.  | 2.4  | 293       |
| 5  | Interaction between Syntax Processing in Language and in Music: An ERP Study. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1565-1577.                                    | 2.3  | 237       |
| 6  | Neural correlates of the processing of co-speech gestures. <i>NeuroImage</i> , 2008, 39, 2010-2024.  | 4.2  | 198       |
| 7  | Brain Responses to Segmentally and Tonally Induced Semantic Violations in Cantonese. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1-12.                                  | 2.3  | 194       |
| 8  | Isn't It Ironic? An Electrophysiological Exploration of Figurative Language Processing. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 277-293.                            | 2.3  | 186       |
| 9  | The Role of Iconic Gestures in Speech Disambiguation: ERP Evidence. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1175-1192.  | 2.3  | 180       |
| 10 | Working memory constraints on syntactic processing: An electrophysiological investigation. <i>Psychophysiology</i> , 2001, 38, 41-63.  | 2.4  | 139       |
| 11 | Zooming into L2: Global language context and adjustment affect processing of interlingual homographs in sentences. <i>Cognitive Brain Research</i> , 2005, 25, 57-70.            | 3.0  | 132       |
| 12 | Integration of iconic gestures and speech in left superior temporal areas boosts speech comprehension under adverse listening conditions. <i>NeuroImage</i> , 2010, 49, 875-884. | 4.2  | 132       |
| 13 | Concerning the automaticity of syntactic processing. <i>Psychophysiology</i> , 1999, 36, 126-137.  | 2.4  | 113       |
| 14 | Children Processing Music: Electric Brain Responses Reveal Musical Competence and Gender Differences. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 683-693.              | 2.3  | 104       |
| 15 | An Electrophysiological Study of Semantic Processing in Young and Middle-Aged Academics. <i>Psychophysiology</i> , 1992, 29, 38-54.  | 2.4  | 97        |
| 16 | Differentiating ERAN and MMN: An ERP study. <i>NeuroReport</i> , 2001, 12, 1385-1389.  | 1.2  | 95        |
| 17 | The communicative style of a speaker can affect language comprehension? ERP evidence from the comprehension of irony. <i>Brain Research</i> , 2010, 1311, 121-135.               | 2.2  | 93        |
| 18 | Working Memory and Lexical Ambiguity Resolution as Revealed by ERPs: A Difficult Case for Activation Theories. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 643-657.     | 2.3  | 82        |

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|----|--|-----|-----------|
| 19 | Syntactic parsing and working memory: The effects of syntactic complexity, reading span, and concurrent load. <i>Language and Cognitive Processes</i> , 2001, 16, 65-103.        | 2.2 | 78        |
| 20 | Communicating hands: ERPs elicited by meaningful symbolic hand postures. <i>Neuroscience Letters</i> , 2004, 372, 52-56.   | 2.1 | 77        |
| 21 | Sequential Effects of Increasing Propofol Sedation on Frontal and Temporal Cortices as Indexed by Auditory Event-related Potentials. <i>Anesthesiology</i> , 2004, 100, 617-625. | 2.5 | 77        |
| 22 | Hierarchical and Linear Sequence Processing: An Electrophysiological Exploration of Two Different Grammar Types. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1829-1842. | 2.3 | 71        |
| 23 | Distinguishing Neurocognitive Processes Reflected by P600 Effects: Evidence from ERPs and Neural Oscillations. <i>PLoS ONE</i> , 2014, 9, e96840.                                | 2.5 | 69        |
| 24 | Language, memory, and aging: An electrophysiological exploration of the N400 during reading of memory-demanding sentences. <i>Psychophysiology</i> , 1995, 32, 215-229.          | 2.4 | 68        |
| 25 | The benefit of gestures during communication: Evidence from hearing and hearing-impaired individuals. <i>Cortex</i> , 2012, 48, 857-870.   | 2.4 | 67        |
| 26 | The morphosyntactic decomposition and semantic composition of German compound words investigated by ERPs. <i>Brain and Language</i> , 2007, 102, 64-79.                          | 1.6 | 66        |
| 27 | N400-like negativities in action perception reflect the activation of two components of an action representation. <i>Social Neuroscience</i> , 2009, 4, 212-232.                 | 1.3 | 65        |
| 28 | Brain responses during sentence reading. <i>NeuroReport</i> , 1999, 10, 3175-3178.   | 1.2 | 63        |
| 29 | Bach Speaks: A Cortical "Language-Network" Serves the Processing of Music. <i>NeuroImage</i> , 2002, 17, 956-966.  | 4.2 | 55        |
| 30 | Gesture Facilitates the Syntactic Analysis of Speech. <i>Frontiers in Psychology</i> , 2012, 3, 74.  | 2.1 | 54        |
| 31 | Can rhythmic auditory cuing remediate language-related deficits in Parkinson's disease?. <i>Annals of the New York Academy of Sciences</i> , 2015, 1337, 62-68.                  | 3.8 | 52        |
| 32 | Is bilingual lexical access influenced by language context?. <i>NeuroReport</i> , 2006, 17, 727-731.   | 1.2 | 50        |
| 33 | Prosody-assisted head-driven access to spoken German compounds.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2003, 29, 277-288.                   | 0.9 | 46        |
| 34 | Cooperation of different neuronal systems during hand sign recognition. <i>NeuroImage</i> , 2004, 23, 25-34.   | 4.2 | 46        |
| 35 | What Iconic Gesture Fragments Reveal about Gesture-Speech Integration: When Synchrony Is Lost, Memory Can Help. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1648-1663.  | 2.3 | 46        |
| 36 | Focussing on aging: an electrophysiological exploration of spatial and attentional processing during reading. <i>Biological Psychology</i> , 1996, 43, 103-145.                  | 2.2 | 44        |

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|----|--|-----|-----------|
| 37 | Dyslexia risk gene relates to representation of sound in the auditory brainstem. <i>Developmental Cognitive Neuroscience</i> , 2017, 24, 63-71.                                      | 4.0 | 37        |
| 38 | Working Memory and Lexical Ambiguity Resolution as Revealed by ERPs: A Difficult Case for Activation Theories. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 643-657.         | 2.3 | 33        |
| 39 | Electrophysiological evidence for incremental lexical-semantic integration in auditory compound comprehension. <i>Neuropsychologia</i> , 2009, 47, 1854-1864.                        | 1.6 | 29        |
| 40 | Visual spatial attention to stimuli presented on the vertical and horizontal meridian: An ERP study. <i>Psychophysiology</i> , 1994, 31, 140-153.                                    | 2.4 | 27        |
| 41 | Priming and Aging: An Electrophysiological Investigation of N400 and Recall. <i>Brain and Language</i> , 1998, 65, 333-355.  | 1.6 | 25        |
| 42 | Multisensory Integration: The Case of a Time Window of Gesture-Speech Integration. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 292-307.                                     | 2.3 | 25        |
| 43 | Lexical memory search during N400: cortical couplings in auditory comprehension. <i>NeuroReport</i> , 2004, 15, 1209-1213.   | 1.2 | 24        |
| 44 | Inconsistent use of gesture space during abstract pointing impairs language comprehension. <i>Frontiers in Psychology</i> , 2015, 6, 80.   | 2.1 | 24        |
| 45 | Temporal signatures of processing voiceness and emotion in sound. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 902-909.  | 3.0 | 24        |
| 46 | The right touch: Stroking of CT-innervated skin promotes vocal emotion processing. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2017, 17, 1129-1140.                    | 2.0 | 24        |
| 47 | Contributions of left frontal and temporal cortex to sentence comprehension: Evidence from simultaneous TMS-EEG. <i>Cortex</i> , 2019, 115, 86-98.                                   | 2.4 | 23        |
| 48 | Fine-tuned: Phonology and Semantics Affect First- to Second-language Zooming In. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 180-196.                                       | 2.3 | 22        |
| 49 | A speaker's gesture style can affect language comprehension: ERP evidence from gesture-speech integration. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1236-1243. | 3.0 | 22        |
| 50 | Communicative predictions can overrule linguistic priors. <i>Scientific Reports</i> , 2017, 7, 17581.  | 3.3 | 22        |
| 51 | Let's face the music: A behavioral and electrophysiological exploration of score reading. <i>Psychophysiology</i> , 2003, 40, 742-751.   | 2.4 | 20        |
| 52 | Semantic memory retrieval: cortical couplings in object recognition in the N400 window. <i>European Journal of Neuroscience</i> , 2005, 21, 1139-1143.                               | 2.6 | 20        |
| 53 | Determining Inhibition. <i>Experimental Psychology</i> , 2004, 51, 290-299.  | 0.7 | 16        |
| 54 | Focusing on the N400: An exploration of selective attention during reading. <i>Psychophysiology</i> , 1994, 31, 347-358.   | 2.4 | 15        |

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|----|---|-----|-----------|
| 55 | The time course of lexical access in morphologically complex words. <i>NeuroReport</i> , 2010, 21, 319-323.   | 1.2 | 14        |
| 56 | When to Take a Gesture Seriously: On How We Use and Prioritize Communicative Cues. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1355-1367.                          | 2.3 | 14        |
| 57 | Don't Get Me Wrong: ERP Evidence from Cueing Communicative Intentions. <i>Frontiers in Psychology</i> , 2017, 8, 1465.  | 2.1 | 13        |
| 58 | Young children's sentence comprehension: Neural correlates of syntax-semantic competition. <i>Brain and Cognition</i> , 2019, 134, 110-121.                                 | 1.8 | 13        |
| 59 | Left Motor $\beta$ Oscillations Reflect Asynchrony Detection in Multisensory Speech Perception. <i>Journal of Neuroscience</i> , 2022, 42, 2313-2326.                       | 3.6 | 11        |
| 60 | Auditory Discrimination Between Function Words in Children and Adults: A Mismatch Negativity Study. <i>Frontiers in Psychology</i> , 2015, 6, 1930.                         | 2.1 | 7         |
| 61 | Musical rhythm effects on visual attention are non-rhythmical: evidence against metrical entrainment. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 58-71. | 3.0 | 7         |
| 62 | The time course of speaker-specific language processing. <i>Cortex</i> , 2021, 141, 311-321.  | 2.4 | 5         |
| 63 | Distinct Neural Networks Relate to Common and Speaker-Specific Language Priors. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa021.                                   | 1.6 | 4         |
| 64 | Memory or Aging? That's the Question: An Electrophysiological Perspective on Language. , 2002, , 249-282.   |     | 3         |