

10 most important publications

1. **Steinhauer, K., Alter, K. & Friederici, A.D.** (1999).
Brain potentials indicate immediate use of prosodic cues in natural speech processing. *Nature Neuroscience*, 2, 191-196.
2. **Maess, B., Koelsch, S., Gunter, T.C. & Friederici A.D.** (2001).
Musical syntax is processed in Broca's area: An MEG study. *Nature Neuroscience*, 4, 540-545.
3. **Friederici, A.D.** (2002).
Towards a neural basis of auditory sentence processing. *Trends in Cognitive Sciences*, 6, 78-84.
4. **Friederici, A.D., Steinhauer, K. & Pfeifer, E.** (2002).
Brain signatures of artificial language processing: Evidence challenging the critical period hypothesis. *PNAS*, 99, 529-534.
5. **Koelsch, S., Kasper, E., Sammler, D., Schulze, K., Gunter, T.C. & Friederici, A.D.** (2004).
Music, language, and meaning: Brain signatures of semantic processing. *Nature Neuroscience*, 7, 302-307.
6. **Friederici, A.D., Bahlmann, J., Heim, S., Schubotz, R.I. & Anwender, A.** (2006).
The brain differentiates human and non-human grammars: Functional localization and structural connectivity. *PNAS*, 103, 2458-2463.
7. **Friederici, A.D., Fiebach, C.J., Schlesewsky, M., Bornkessel, I. & von Cramon, D.Y.** (2006).
Processing linguistic complexity and grammaticality in the left frontal cortex. *Cerebral Cortex*, 16, 1709-1717.
8. **Friederici, A.D., Friedrich, M. & Christophe, A.** (2007).
Brain responses in 4-month-old infants are already language specific. *Current Biology*, 17, 1208-1211.
9. **Friederici, A.D., von Cramon, D.Y. & Kotz, S.A.** (2007).
Role of the corpus callosum in speech comprehension: Interfacing syntax and prosody. *Neuron*, 53, 135-145.
10. **Makuuchi, M., Bahlmann, J., Anwender, A. & Friederici, A.D.** (2009).
Segregating the core computational faculty of human language from working memory. *PNAS*, 106, 8362-8367.