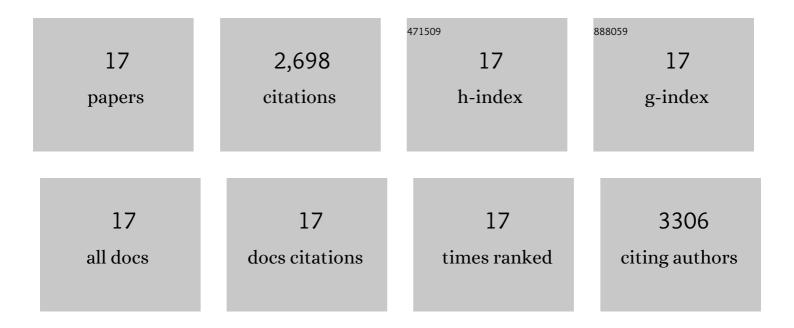
## Roman Freunberger

List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Inter-individual performance differences in younger and older adults differentially relate to<br>amplitude modulations and phase stability of oscillations controlling working memory contents.<br>NeuroImage, 2012, 60, 71-82. | 4.2 | 28        |
| 2  | Evoked traveling alpha waves predict visual-semantic categorization-speed. Neurolmage, 2012, 59, 3379-3388.   | 4.2 | 47        |
| 3  | Alpha Oscillations and Early Stages of Visual Encoding. Frontiers in Psychology, 2011, 2, 118.  | 2.1 | 114       |
| 4  | Right Prefrontal TMS Disrupts Interregional Anticipatory EEG Alpha Activity during Shifting of Visuospatial Attention. Frontiers in Psychology, 2011, 2, 241.   | 2.1 | 70        |
| 5  | Event-related activity and phase locking during a psychomotor vigilance task over the course of sleep deprivation. Journal of Sleep Research, 2011, 20, 377-385.  | 3.2 | 38        |
| 6  | Brain oscillatory correlates of working memory constraints. Brain Research, 2011, 1375, 93-102.   | 2.2 | 93        |
| 7  | Oscillatory mechanisms of process binding in memory. Neuroscience and Biobehavioral Reviews, 2010, 34, 1002-1014.   | 6.1 | 139       |
| 8  | Control mechanisms in working memory: A possible function of EEG theta oscillations. Neuroscience and Biobehavioral Reviews, 2010, 34, 1015-1022.   | 6.1 | 657       |
| 9  | Dissociation between phaseâ€locked and nonphaseâ€locked alpha oscillations in a working memory task.<br>Human Brain Mapping, 2009, 30, 3417-3425.   | 3.6 | 85        |
| 10 | Functional similarities between the P1 component and alpha oscillations. European Journal of Neuroscience, 2008, 27, 2330-2340.   | 2.6 | 58        |
| 11 | A short review of slow phase synchronization and memory: Evidence for control processes in different memory systems?. Brain Research, 2008, 1235, 31-44.  | 2.2 | 226       |
| 12 | Alpha phase coupling reflects object recognition. NeuroImage, 2008, 42, 928-935.  | 4.2 | 85        |
| 13 | Gamma oscillatory activity in a visual discrimination task. Brain Research Bulletin, 2007, 71, 593-600.   | 3.0 | 19        |
| 14 | Event-related phase reorganization may explain evoked neural dynamics. Neuroscience and<br>Biobehavioral Reviews, 2007, 31, 1003-1016.  | 6.1 | 264       |
| 15 | Alpha Phase Reset Contributes to the Generation of ERPs. Cerebral Cortex, 2006, 17, 1-8.  | 2.9 | 166       |
| 16 | EEG alpha synchronization and functional coupling during top-down processing in a working memory task. Human Brain Mapping, 2005, 26, 148-155.  | 3.6 | 389       |
| 17 | Visual discrimination performance is related to decreased alpha amplitude but increased phase<br>locking. Neuroscience Letters, 2005, 375, 64-68.   | 2.1 | 220       |