

Roman Freunberger

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

2,698
citations

471509

17
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

3306
citing authors

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