

Mathias S Oechslin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11964633/publications.pdf>

Version: 2024-02-01

15
papers

993
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1142
citing authors

#	ARTICLE	IF	CITATIONS
1	White matter plasticity in the corticospinal tract of musicians: A diffusion tensor imaging study. <i>NeuroImage</i> , 2009, 46, 600-607.	4.2	247
2	Musical training intensity yields opposite effects on grey matter density in cognitive versus sensorimotor networks. <i>Brain Structure and Function</i> , 2014, 219, 353-366.	2.3	128
3	The plasticity of the superior longitudinal fasciculus as a function of musical expertise: a diffusion tensor imaging study. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 76.	2.0	122
4	Absolute Pitch--Functional Evidence of Speech-Relevant Auditory Acuity. <i>Cerebral Cortex</i> , 2010, 20, 447-455.	2.9	103
5	Degree of Musical Expertise Modulates Higher Order Brain Functioning. <i>Cerebral Cortex</i> , 2013, 23, 2213-2224.	2.9	86
6	The multiple synaesthete E.S. â€” Neuroanatomical basis of interval-taste and tone-colour synaesthesia. <i>NeuroImage</i> , 2008, 43, 192-203.	4.2	83
7	40Hz-Transcranial alternating current stimulation (tACS) selectively modulates speech perception. <i>International Journal of Psychophysiology</i> , 2016, 101, 18-24.	1.0	45
8	Long-term exposure to music enhances the sensitivity of the auditory system in children. <i>European Journal of Neuroscience</i> , 2011, 34, 755-765.	2.6	43
9	Transcranial Alternating Current Stimulation (tACS) differentially modulates speech perception in young and older adults. <i>Brain Stimulation</i> , 2016, 9, 560-565.	1.6	43
10	Tracking Training-Related Plasticity by Combining fMRI and DTI: The Right Hemisphere Ventral Stream Mediates Musical Syntax Processing. <i>Cerebral Cortex</i> , 2018, 28, 1209-1218.	2.9	28
11	Hippocampal volume predicts fluid intelligence in musically trained people. <i>Hippocampus</i> , 2013, 23, 552-558.	1.9	24
12	Electrophysiological evidence for a specific neural correlate of musical violation expectation in primary-school children. <i>NeuroImage</i> , 2015, 104, 386-397.	4.2	15
13	Impact of major and minor mode on EEG frequency range activities of music processing as a function of expertise. <i>Neuroscience Letters</i> , 2017, 647, 159-164.	2.1	13
14	Electrical Neuroimaging of Music Processing Reveals Mid-Latency Changes with Level of Musical Expertise. <i>Frontiers in Neuroscience</i> , 2017, 11, 613.	2.8	11
15	Training of Tonal Similarity Ratings in Non-Musicians: A â€œRapid Learningâ€ Approach. <i>Frontiers in Psychology</i> , 2012, 3, 142.	2.1	2