

Stefan Rach

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,343
citations

516215

16
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

2802
citing authors

#	ARTICLE	IF	CITATIONS
1	Entrainment of Brain Oscillations by Transcranial Alternating Current Stimulation. <i>Current Biology</i> , 2014, 24, 333-339.	1.8	683
2	Transcranial Alternating Current Stimulation Enhances Individual Alpha Activity in Human EEG. <i>PLoS ONE</i> , 2010, 5, e13766.	1.1	665
3	Transcranial alternating current stimulation: a review of the underlying mechanisms and modulation of cognitive processes. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 279.	1.0	596
4	Orchestrating neuronal networks: sustained after-effects of transcranial alternating current stimulation depend upon brain states. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 161.	1.0	368
5	Selective Modulation of Interhemispheric Functional Connectivity by HD-tACS Shapes Perception. <i>PLoS Biology</i> , 2014, 12, e1002031.	2.6	247
6	Antiphasic 40ÂHz Oscillatory Current Stimulation Affects Bistable Motion Perception. <i>Brain Topography</i> , 2014, 27, 158-171.	0.8	167
7	Timeâ€Frequency Analysis of Event-Related Potentials: A Brief Tutorial. <i>Brain Topography</i> , 2014, 27, 438-450.	0.8	124
8	On the possible role of stimulation duration for after-effects of transcranial alternating current stimulation. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 311.	1.8	83
9	Auditory Event-Related Response in Visual Cortex Modulates Subsequent Visual Responses in Humans. <i>Journal of Neuroscience</i> , 2011, 31, 7729-7736.	1.7	64
10	On quantifying multisensory interaction effects in reaction time and detection rate. <i>Psychological Research</i> , 2011, 75, 77-94.	1.0	58
11	Enhanced audioâ€visual interactions in the auditory cortex of elderly cochlear-implant users. <i>Hearing Research</i> , 2015, 328, 133-147.	0.9	37
12	Auditory and audioâ€visual processing in patients with cochlear, auditory brainstem, and auditory midbrain implants: An <sc>EEG</sc> study. <i>Human Brain Mapping</i> , 2017, 38, 2206-2225.	1.9	32
13	Visuo-tactile interactions in the congenitally deaf: a behavioral and event-related potential study. <i>Frontiers in Integrative Neuroscience</i> , 2014, 8, 98.	1.0	27
14	Further evidence for the role of pregnancy-induced hypertension and other early life influences in the development of ADHD: results from the IDEFICS study. <i>European Child and Adolescent Psychiatry</i> , 2017, 26, 957-967.	2.8	26
15	Development and body mass inversely affect childrenâ€™s brain activation in dorsolateral prefrontal cortex during food choice. <i>NeuroImage</i> , 2019, 201, 116016.	2.1	21
16	Attrition in the European Child Cohort IDEFICS/I.Family: Exploring Associations Between Attrition and Body Mass Index. <i>Frontiers in Pediatrics</i> , 2018, 6, 212.	0.9	14
17	Visualâ€tactile integration: does stimulus duration influence the relative amount of response enhancement?. <i>Experimental Brain Research</i> , 2006, 173, 514-520.	0.7	13
18	Visualâ€auditory interaction in saccadic reaction time: Effects of auditory masker level. <i>Brain Research</i> , 2008, 1220, 150-156.	1.1	13

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19	Design and methods for a cluster-controlled trial conducted at sixty-eight daycare facilities evaluating the impact of "JolinchenKids" Fit and Healthy in Daycare, a program for health promotion in 3- to 6-year-old children. BMC Public Health, 2018, 18, 6.	1.2	12
20	Impact of the intervention program "JolinchenKids" fit and healthy in daycare on energy balance related-behaviors: results of a cluster controlled trial. BMC Pediatrics, 2019, 19, 432.	0.7	9
21	The race model inequality for censored reaction time distributions. Attention, Perception, and Psychophysics, 2010, 72, 839-847.	0.7	7
22	Consequences of an Extended Recruitment on Participation in the Follow-Up of a Child Study: Results from the German IDEFICS Cohort. Paediatric and Perinatal Epidemiology, 2017, 31, 76-86.	0.8	7
23	Participants who were difficult to recruit at baseline are less likely to complete a follow-up questionnaire" results from the German National Cohort. BMC Medical Research Methodology, 2020, 20, 187.	1.4	7
24	Cross-Sectional and Longitudinal Associations Between Psychosocial Well-Being and Cardiometabolic Markers in European Children and Adolescents. Psychosomatic Medicine, 2020, 82, 764-773.	1.3	6
25	Gamma in motion: Pattern reversal elicits stronger gamma-band responses than motion. NeuroImage, 2011, 55, 808-817.	2.1	4
26	Feasibility of using respondent-driven sampling to recruit participants in superdiverse neighbourhoods for a general health survey. International Journal of Public Health, 2019, 64, 451-459.	1.0	3
27	Study invitations with envelopes made from recycled paper do not increase likelihood of active responses or study participation in the German National Cohort. BMC Research Notes, 2019, 12, 468.	0.6	2
28	In Search of Causal Mechanisms Underlying Bistable Perception. Journal of Neuroscience, 2014, 34, 689-690.	1.7	1