

# RenÃ© J Huster

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

4,721  
citations

126708

33  
h-index

128067

60  
g-index

70  
all docs

70  
docs citations

70  
times ranked

5668  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electroencephalography of response inhibition tasks: Functional networks and cognitive contributions. <i>International Journal of Psychophysiology</i> , 2013, 87, 217-233.	0.5	536
2	A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. <i>ELife</i> , 2019, 8, .	2.8	479
3	Neurofeedback training of the upper alpha frequency band in EEG improves cognitive performance. <i>NeuroImage</i> , 2011, 54, 1427-1431.	2.1	381
4	Conflict and inhibition differentially affect the N200/P300 complex in a combined go/nogo and stop-signal task. <i>NeuroImage</i> , 2010, 51, 877-887.	2.1	294
5	Methods for Simultaneous EEG-fMRI: An Introductory Review. <i>Journal of Neuroscience</i> , 2012, 32, 6053-6060.	1.7	265
6	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). <i>Brain</i> , 2020, 143, 1674-1685.	3.7	188
7	EEG-Neurofeedback as a Tool to Modulate Cognition and Behavior: A Review Tutorial. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 51.	1.0	184
8	Increase in short-term memory capacity induced by down-regulating individual theta frequency via transcranial alternating current stimulation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 257.	1.0	156
9	Functionâ€“structure associations of the brain: Evidence from multimodal connectivity and covariance studies. <i>NeuroImage</i> , 2014, 102, 11-23.	2.1	136
10	Boosting brain functions: Improving executive functions with behavioral training, neurostimulation, and neurofeedback. <i>International Journal of Psychophysiology</i> , 2013, 88, 1-16.	0.5	115
11	Differences in unity: The go/no-go and stop signal tasks rely on different mechanisms. <i>NeuroImage</i> , 2020, 210, 116582.	2.1	109
12	Morphologic asymmetry of the human anterior cingulate cortex. <i>NeuroImage</i> , 2007, 34, 888-895.	2.1	96
13	Corticospinal tract asymmetries at the level of the internal capsule: Is there an association with handedness?. <i>NeuroImage</i> , 2007, 37, 379-386.	2.1	86
14	Modulation of frontal-midline theta by neurofeedback. <i>Biological Psychology</i> , 2014, 95, 59-69.	1.1	84
15	Group-level component analyses of EEG: validation and evaluation. <i>Frontiers in Neuroscience</i> , 2015, 9, 254.	1.4	81
16	BOLD signal effects of transcranial alternating current stimulation (tACS) in the alpha range: A concurrent tACSâ€“fMRI study. <i>NeuroImage</i> , 2016, 140, 118-125.	2.1	81
17	Interhemispheric transfer time and structural properties of the corpus callosum. <i>Neuroscience Letters</i> , 2006, 409, 140-145.	1.0	80
18	Self-regulation of frontal-midline theta facilitates memory updating and mental set shifting. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 420.	1.0	76

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19	The Temporal Dynamics of Response Inhibition and their Modulation by Cognitive Control. <i>Brain Topography</i> , 2017, 30, 486-501.	0.8	71
20	Event-Related Potential Correlates of Performance-Monitoring in a Lateralized Time-Estimation Task. <i>PLoS ONE</i> , 2011, 6, e25591.	1.1	64
21	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
22	Probing the neural signature of mind wandering with simultaneous fMRI-EEG and pupillometry. <i>NeuroImage</i> , 2021, 224, 117412.	2.1	60
23	Hemispheric and gender related differences in the midcingulum bundle: A DTI study. <i>Human Brain Mapping</i> , 2009, 30, 383-391.	1.9	57
24	Sleep deprivation differentially affects subcomponents of cognitive control. <i>Sleep</i> , 2019, 42, .	0.6	57
25	The P300 as marker of inhibitory control “ Fact or fiction?. <i>Cortex</i> , 2020, 132, 334-348.	1.1	55
26	Effects of anterior cingulate fissurization on cognitive control during stroop interference. <i>Human Brain Mapping</i> , 2009, 30, 1279-1289.	1.9	53
27	Sex differences in cognitive control are associated with midcingulate and callosal morphology. <i>Brain Structure and Function</i> , 2011, 215, 225-235.	1.2	53
28	Blood-Injury Phobia With and Without a History of Fainting: Disgust Sensitivity Does Not Explain the Fainting Response. <i>Psychosomatic Medicine</i> , 2006, 68, 331-339.	1.3	47
29	The morphology of midcingulate cortex predicts frontal-midline theta neurofeedback success. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 453.	1.0	47
30	Brain“computer interfaces for EEG neurofeedback: Peculiarities and solutions. <i>International Journal of Psychophysiology</i> , 2014, 91, 36-45.	0.5	46
31	On the effects of multimodal information integration in multitasking. <i>Scientific Reports</i> , 2017, 7, 4927.	1.6	46
32	When holding your horses meets the deer in the headlights: time-frequency characteristics of global and selective stopping under conditions of proactive and reactive control. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 994.	1.0	41
33	A Large N400 but No BOLD Effect “ Comparing Source Activations of Semantic Priming in Simultaneous EEG-fMRI. <i>PLoS ONE</i> , 2013, 8, e84029.	1.1	38
34	A Tutorial Review on Multi-subject Decomposition of EEG. <i>Brain Topography</i> , 2018, 31, 3-16.	0.8	36
35	Stimulus-Response Mappings Shape Inhibition Processes: A Combined EEG-fMRI Study of Contextual Stopping. <i>PLoS ONE</i> , 2014, 9, e96159.	1.1	30
36	Individualized EEG source reconstruction of Stroop interference with masked color words. <i>NeuroImage</i> , 2010, 49, 1800-1809.	2.1	29

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37	Functional and effective connectivity of stopping. <i>NeuroImage</i> , 2014, 94, 120-128.	2.1	28
38	Error processing in the adolescent brain: Age-related differences in electrophysiology, behavioral adaptation, and brain morphology. <i>Developmental Cognitive Neuroscience</i> , 2019, 38, 100665.	1.9	28
39	A Single Mechanism for Global and Selective Response Inhibition under the Influence of Motor Preparation. <i>Journal of Neuroscience</i> , 2020, 40, 7921-7935.	1.7	28
40	A spectralanalytic approach to emotional responses evoked through picture presentation. <i>International Journal of Psychophysiology</i> , 2009, 72, 212-216.	0.5	26
41	When a loved one feels unfamiliar: A case study on the neural basis of Capgras delusion. <i>Cortex</i> , 2014, 52, 75-85.	1.1	25
42	Variations in midcingulate morphology are related to ERP indices of cognitive control. <i>Brain Structure and Function</i> , 2014, 219, 49-60.	1.2	23
43	High-order interactions observed in multi-task intrinsic networks are dominant indicators of aberrant brain function in schizophrenia. <i>NeuroImage</i> , 2014, 102, 35-48.	2.1	22
44	Frontal-midline theta reflects different mechanisms associated with proactive and reactive control of inhibition. <i>NeuroImage</i> , 2021, 241, 118400.	2.1	22
45	Partial response electromyography as a marker of action stopping. <i>ELife</i> , 0, 11, .	2.8	22
46	Functional parcellation of the inferior frontal and midcingulate cortices in a flankerâ€stopâ€change paradigm. <i>Human Brain Mapping</i> , 2013, 34, 1501-1514.	1.9	18
47	tDCS over the inferior frontal gyri and visual cortices did not improve response inhibition. <i>Scientific Reports</i> , 2020, 10, 7749.	1.6	18
48	Development of the P300 from childhood to adulthood: a multimodal EEG and MRI study. <i>Brain Structure and Function</i> , 2018, 223, 4337-4349.	1.2	16
49	Altered electrophysiological correlates of motor inhibition and performance monitoring in Touretteâ€™s syndrome. <i>Clinical Neurophysiology</i> , 2018, 129, 1866-1872.	0.7	16
50	Filling the voidâ€enriching the feature space of successful stopping. <i>Human Brain Mapping</i> , 2017, 38, 1333-1346.	1.9	14
51	Progress in EEG: Multi-subject Decomposition and Other Advanced Signal Processing Approaches. <i>Brain Topography</i> , 2018, 31, 1-2.	0.8	14
52	Error-preceding brain activity reflects (mal-)adaptive adjustments of cognitive control: a modeling study. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 97.	1.0	13
53	Electrophysiological and behavioral indices of cognitive conflict processing across adolescence. <i>Developmental Cognitive Neuroscience</i> , 2021, 48, 100929.	1.9	11
54	Strategy switches in proactive inhibitory control and their association with task-general and stopping-specific networks. <i>Neuropsychologia</i> , 2019, 135, 107220.	0.7	10

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55	Inhibitory Control and the Structural Parcelation of the Right Inferior Frontal Gyrus. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 787079.	1.0	8
56	Mapping the spatiotemporal dynamics of processing taskâ€relevant and taskâ€irrelevant sound feature changes using concurrent EEGâ€fMRI. <i>Human Brain Mapping</i> , 2016, 37, 3400-3416.	1.9	6
57	Preservation of Interference Effects in Working Memory After Orbitofrontal Damage. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 445.	1.0	6
58	Neuropsychological functions, sleep, and mental health in adults with Klinefelter syndrome. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2020, 184, 482-492.	0.7	5
59	Quo vadis, inhibition? A section commentary on the articles by Diesburg and Isherwood. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 495-496.	2.9	4
60	In Search of Causal Mechanisms Underlying Bistable Perception. <i>Journal of Neuroscience</i> , 2014, 34, 689-690.	1.7	1