

Sven P Heinrich

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

449
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13
h-index

19
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42
ext. papers

538
ext. citations

3.1
avg, IF

4.33
L-index

#	Paper	IF	Citations
42	A primer on motion visual evoked potentials. <i>Documenta Ophthalmologica</i> , 2007 , 114, 83-105	2.2	57
41	Adaptation characteristics of steady-state motion visual evoked potentials. <i>Clinical Neurophysiology</i> , 2003 , 114, 1359-66	4.3	34
40	Adaptation dynamics in pattern-reversal visual evoked potentials. <i>Documenta Ophthalmologica</i> , 2001 , 102, 141-56	2.2	32
39	Electrophysiological evidence for independent speed channels in human motion processing. <i>Journal of Vision</i> , 2004 , 4, 469-75	0.4	28
38	Some thoughts on the interpretation of steady-state evoked potentials. <i>Documenta Ophthalmologica</i> , 2010 , 120, 205-14	2.2	24
37	VEP estimation of visual acuity: a systematic review. <i>Documenta Ophthalmologica</i> , 2021 , 142, 25-74	2.2	21
36	Blur Unblurred-A Mini Tutorial. <i>I-Perception</i> , 2018 , 9, 2041669518765850	1.2	19
35	Visual evoked potential-based acuity assessment: overestimation in amblyopia. <i>Documenta Ophthalmologica</i> , 2014 , 128, 191-200	2.2	18
34	"Cognitive" visual acuity estimation based on the event-related potential P300 component. <i>Clinical Neurophysiology</i> , 2010 , 121, 1464-1472	4.3	17
33	ISCEV extended protocol for VEP methods of estimation of visual acuity. <i>Documenta Ophthalmologica</i> , 2021 , 142, 17-24	2.2	17
32	Oblique effects beyond low-level visual processing. <i>Vision Research</i> , 2008 , 48, 809-18	2.1	15
31	Attention and visual texture segregation. <i>Journal of Vision</i> , 2007 , 7, 6	0.4	15
30	Subjective visual acuity with simulated defocus. <i>Ophthalmic and Physiological Optics</i> , 2011 , 31, 625-31	4.1	14
29	Resolution acuity versus recognition acuity with Landolt-style optotypes. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2013 , 251, 2235-41	3.8	13
28	The effect of optotype presentation duration on acuity estimates revisited. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2010 , 248, 389-94	3.8	13
27	Pattern specificity of human visual motion processing. <i>Vision Research</i> , 2005 , 45, 2137-43	2.1	13
26	Ambiguity in Tactile Apparent Motion Perception. <i>PLoS ONE</i> , 2016 , 11, e0152736	3.7	13

25	Imitating the effect of amblyopia on VEP-based acuity estimates. <i>Documenta Ophthalmologica</i> , 2016 , 133, 183-187	2.2	13
24	Little effect of 0.01% atropine eye drops as used in myopia prevention on the pattern electroretinogram. <i>Documenta Ophthalmologica</i> , 2019 , 138, 85-95	2.2	12
23	Acuity VEP: improved with machine learning. <i>Documenta Ophthalmologica</i> , 2019 , 139, 113-122	2.2	11
22	Event-Related Potentials Allow for Optotype-Based Objective Acuity Estimation 2015 , 56, 2184-91		10
21	Large EEG amplitude effects are highly similar across Necker cube, smiley, and abstract stimuli. <i>PLoS ONE</i> , 2020 , 15, e0232928	3.7	8
20	Can VEP-based acuity estimates in one eye be improved by applying knowledge from the other eye?. <i>Documenta Ophthalmologica</i> , 2019 , 139, 161-168	2.2	4
19	The "speed" of acuity in scotopic vs. photopic vision. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 2791-2798	3.8	4
18	Use of diffusing filters for artificially reducing visual acuity when testing equipment and procedures. <i>Documenta Ophthalmologica</i> , 2020 , 140, 83-93	2.2	4
17	Relating the steady-state visual evoked potential to single-stimulus responses derived from m-sequence stimulation. <i>Documenta Ophthalmologica</i> , 2015 , 131, 13-24	2.2	3
16	ERG shrinks by 10% when reducing dark adaptation time to 10min, but only for weak flashes. <i>Documenta Ophthalmologica</i> , 2020 , 141, 57-64	2.2	3
15	Transcranial direct current stimulation induces long-term potentiation-like plasticity in the human visual cortex. <i>Translational Psychiatry</i> , 2021 , 11, 17	8.6	3
14	Motion adaptation: net duration matters, not continuousness. <i>Experimental Brain Research</i> , 2006 , 169, 461-6	2.3	2
13	Seizure triggered by flicker electroretinogram in a patient with no history of epilepsy. <i>Documenta Ophthalmologica</i> , 2021 , 142, 389-393	2.2	2
12	P300-based acuity estimation in imitated amblyopia. <i>Documenta Ophthalmologica</i> , 2018 , 136, 69-74	2.2	2
11	Safety and efficacy of erythropoietin for the treatment of patients with optic neuritis (TONE): a randomised, double-blind, multicentre, placebo-controlled study. <i>Lancet Neurology</i> , 2021 , 20, 991-1000	24.1	1
10	Using the perceptual past to predict the perceptual future influences the perceived present - A novel ERP paradigm. <i>PLoS ONE</i> , 2020 , 15, e0237663	3.7	1
9	Similar Dependence of Acuity Measures on Exposure Duration Irrespective of Acuity Level in Artificially Degraded Vision. <i>Current Eye Research</i> , 2021 , 46, 595-598	2.9	1
8	Minor effect of inaccurate fixation on VEP-based acuity estimates. <i>Documenta Ophthalmologica</i> , 2021 , 142, 275-282	2.2	1

7	Interpretation of electrophysiological responses and generalization of findings requires knowledge of physical stimulus characteristics. <i>Documenta Ophthalmologica</i> , 2021 , 1	2.2	1
6	Removing mains interference from the mfERG by applying a post-processing digital notch filter: for the good or the bad?. <i>Documenta Ophthalmologica</i> , 2021 , 144, 31	2.2	0
5	Attentional Interactions Between Vision and Hearing in Event-Related Responses to Crossmodal and Conjunctive Oddballs. <i>Multisensory Research</i> , 2020 , 33, 251-275	1.9	0
4	Replication of Reduced Pattern Electroretinogram Amplitudes in Depression With Improved Recording Parameters. <i>Frontiers in Medicine</i> , 2021 , 8, 732222	4.9	
3	Epileptic seizure? Certainly uncertain. <i>Documenta Ophthalmologica</i> , 2021 , 142, 401-402	2.2	
2	VEP-based acuity estimation: unaffected by translucency of contralateral occlusion. <i>Documenta Ophthalmologica</i> , 2021 , 143, 249-257	2.2	
1	Can I trust in what I see? EEG evidence for reliability estimations of perceptual outcomes. <i>Journal of Vision</i> , 2021 , 21, 2836	0.4	