

Sven P Heinrich

List of Publications by Year in descending order

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642
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566801

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610482

24
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42
all docs

42
docs citations

42
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	A primer on motion visual evoked potentials. Documenta Ophthalmologica, 2007, 114, 83-105.	1.0	67
2	VEP estimation of visual acuity: a systematic review. Documenta Ophthalmologica, 2021, 142, 25-74.	1.0	57
3	Adaptation dynamics in pattern-reversal visual evoked potentials. Documenta Ophthalmologica, 2001, 102, 141-156.	1.0	39
4	Adaptation characteristics of steady-state motion visual evoked potentials. Clinical Neurophysiology, 2003, 114, 1359-1366.	0.7	37
5	ISCEV extended protocol for VEP methods of estimation of visual acuity. Documenta Ophthalmologica, 2021, 142, 17-24.	1.0	33
6	Some thoughts on the interpretation of steady-state evoked potentials. Documenta Ophthalmologica, 2010, 120, 205-214.	1.0	32
7	Blur Unblurred – A Mini Tutorial. I-Perception, 2018, 9, 204166951876585.	0.8	31
8	Electrophysiological evidence for independent speed channels in human motion processing. Journal of Vision, 2004, 4, 6-6.	0.1	30
9	Attention and visual texture segregation. Journal of Vision, 2007, 7, 6.	0.1	22
10	Ambiguity in Tactile Apparent Motion Perception. PLoS ONE, 2016, 11, e0152736.	1.1	21
11	“Cognitive” visual acuity estimation based on the event-related potential P300 component. Clinical Neurophysiology, 2010, 121, 1464-1472.	0.7	19
12	The effect of optotype presentation duration on acuity estimates revisited. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 389-394.	1.0	18
13	Subjective visual acuity with simulated defocus. Ophthalmic and Physiological Optics, 2011, 31, 625-631.	1.0	18
14	Visual evoked potential-based acuity assessment: overestimation in amblyopia. Documenta Ophthalmologica, 2014, 128, 191-200.	1.0	18
15	Acuity VEP: improved with machine learning. Documenta Ophthalmologica, 2019, 139, 113-122.	1.0	18
16	Transcranial direct current stimulation induces long-term potentiation-like plasticity in the human visual cortex. Translational Psychiatry, 2021, 11, 17.	2.4	18
17	Oblique effects beyond low-level visual processing. Vision Research, 2008, 48, 809-818.	0.7	16
18	Resolution acuity versus recognition acuity with Landolt-style optotypes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 2235-2241.	1.0	16

#	ARTICLE	IF	CITATIONS
19	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> , The, 2021, 20, 991-1000.	4.9	16
20	Limiting the effect of amblyopia on VEP-based acuity estimates. <i>Documenta Ophthalmologica</i> , 2016, 133, 183-187.	1.0	15
21	Pattern specificity of human visual motion processing. <i>Vision Research</i> , 2005, 45, 2137-2143.	0.7	14
22	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.	1.0	14
23	Large EEG amplitude effects are highly similar across Necker cube, smiley, and abstract stimuli. <i>PLoS ONE</i> , 2020, 15, e0232928.	1.1	12
24	Event-Related Potentials Allow for Optotype-Based Objective Acuity Estimation. , 2015, 56, 2184.		11
25	Use of diffusing filters for artificially reducing visual acuity when testing equipment and procedures. <i>Documenta Ophthalmologica</i> , 2020, 140, 83-93.	1.0	6
26	The "speed" of acuity in scotopic vs. photopic vision. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 2791-2798.	1.0	6
27	Relating the steady-state visual evoked potential to single-stimulus responses derived from m-sequence stimulation. <i>Documenta Ophthalmologica</i> , 2015, 131, 13-24.	1.0	5
28	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.	1.0	5
29	Attentional Interactions Between Vision and Hearing in "Event-Related Responses to Crossmodal and "Conjunct "Oddballs. <i>Multisensory Research</i> , 2020, 33, 251-275.	0.6	5
30	ERG shrinks by 10% when reducing dark adaptation time to 10 min, but only for weak flashes. <i>Documenta Ophthalmologica</i> , 2020, 141, 57-64.	1.0	5
31	Using the perceptual past to predict the perceptual future influences the perceived present " A novel ERP paradigm. <i>PLoS ONE</i> , 2020, 15, e0237663.	1.1	4
32	Minor effect of inaccurate fixation on VEP-based acuity estimates. <i>Documenta Ophthalmologica</i> , 2021, 142, 275-282.	1.0	3
33	Motion adaptation: net duration matters, not continuousness. <i>Experimental Brain Research</i> , 2006, 169, 461-466.	0.7	2
34	P300-based acuity estimation in imitated amblyopia. <i>Documenta Ophthalmologica</i> , 2018, 136, 69-74.	1.0	2
35	Seizure triggered by flicker electroretinogram in a patient with no history of epilepsy. <i>Documenta Ophthalmologica</i> , 2021, 142, 389-393.	1.0	2
36	Replication of Reduced Pattern Electroretinogram Amplitudes in Depression With Improved Recording Parameters. <i>Frontiers in Medicine</i> , 2021, 8, 732222.	1.2	2

#	ARTICLE	IF	CITATIONS
37	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.	0.7	1
38	Interpretation of electrophysiological responses and generalization of findings requires knowledge of physical stimulus characteristics. <i>Documenta Ophthalmologica</i> , 2021, , 1.	1.0	1
39	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.	1.0	1
40	Epileptic seizure? Certainly uncertain. <i>Documenta Ophthalmologica</i> , 2021, 142, 401-402.	1.0	0
41	VEP-based acuity estimation: unaffected by translucency of contralateral occlusion. <i>Documenta Ophthalmologica</i> , 2021, 143, 249-257.	1.0	0
42	Can I trust in what I see? – EEG evidence for reliability estimations of perceptual outcomes. <i>Journal of Vision</i> , 2021, 21, 2836.	0.1	0