

Stefan Hawelka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4935517/publications.pdf>

Version: 2024-02-01

43
papers

1,131
citations

471061

17
h-index

414034

32
g-index

46
all docs

46
docs citations

46
times ranked

948
citing authors

#	ARTICLE	IF	CITATIONS
1	A dual-route perspective on eye movements of dyslexic readers. <i>Cognition</i> , 2010, 115, 367-379.	1.1	134
2	Impaired visual processing of multi-element arrays is associated with increased number of eye movements in dyslexic reading. <i>Vision Research</i> , 2005, 45, 855-863.	0.7	100
3	Systematic influence of gaze position on pupil size measurement: analysis and correction. <i>Behavior Research Methods</i> , 2011, 43, 1171-1181.	2.3	92
4	Words in Context: The Effects of Length, Frequency, and Predictability on Brain Responses During Natural Reading. <i>Cerebral Cortex</i> , 2016, 26, 3889.2-3904.	1.6	63
5	Visual target detection is not impaired in dyslexic readers. <i>Vision Research</i> , 2008, 48, 850-852.	0.7	54
6	Impaired visual processing of letter and digit strings in adult dyslexic readers. <i>Vision Research</i> , 2006, 46, 718-723.	0.7	53
7	Reactance, the self, and its group: When threats to freedom come from the ingroup versus the outgroup. <i>European Journal of Social Psychology</i> , 2012, 42, 164-173.	1.5	46
8	Fixation-Related fMRI Analysis in the Domain of Reading Research: Using Self-Paced Eye Movements as Markers for Hemodynamic Brain Responses During Visual Letter String Processing. <i>Cerebral Cortex</i> , 2014, 24, 2647-2656.	1.6	41
9	An incremental boundary study on parafoveal preprocessing in children reading aloud: Parafoveal masks overestimate the preview benefit. <i>Journal of Cognitive Psychology</i> , 2015, 27, 549-561.	0.4	37
10	Fixation location on upright and inverted faces modulates the N170. <i>Neuropsychologia</i> , 2014, 57, 1-11.	0.7	34
11	On forward inferences of fast and slow readers. An eye movement study. <i>Scientific Reports</i> , 2015, 5, 8432.	1.6	33
12	Parafoveal X-masks interfere with foveal word recognition: evidence from fixation-related brain potentials. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 33.	1.2	32
13	Eyes on words: A fixation-related fMRI study of the left occipito-temporal cortex during self-paced silent reading of words and pseudowords. <i>Scientific Reports</i> , 2015, 5, 12686.	1.6	30
14	Different behavioral and eye movement patterns of dyslexic readers with and without attentional deficits during single word reading. <i>Neuropsychologia</i> , 2009, 47, 2436-2445.	0.7	29
15	On Sources of the Word Length Effect in Young Readers. <i>Scientific Studies of Reading</i> , 2015, 19, 289-306.	1.3	28
16	Parafoveal preprocessing in reading revisited: Evidence from a novel preview manipulation.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 588-595.	0.7	25
17	Oscillatory Brain Dynamics during Sentence Reading: A Fixation-Related Spectral Perturbation Analysis. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 191.	1.0	25
18	On the Development of Parafoveal Preprocessing: Evidence from the Incremental Boundary Paradigm. <i>Frontiers in Psychology</i> , 2016, 7, 514.	1.1	25

#	ARTICLE	IF	CITATIONS
19	What the eyes already "know": using eye movement measurement to tap into children's implicit numerical magnitude representations. <i>Infant and Child Development</i> , 2010, 19, 175-186.	0.9	17
20	Co-registration of eye movements and neuroimaging for studying contextual predictions in natural reading. <i>Language, Cognition and Neuroscience</i> , 2020, 35, 595-612.	0.7	17
21	The neural correlates of word position and lexical predictability during sentence reading: evidence from fixation-related fMRI. <i>Language, Cognition and Neuroscience</i> , 2020, 35, 613-624.	0.7	16
22	A similar correction mechanism in slow and fluent readers after suboptimal landing positions. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 355.	1.0	15
23	Beyond single syllables: The effect of first syllable frequency and orthographic similarity on eye movements during silent reading. <i>Language and Cognitive Processes</i> , 2013, 28, 1134-1153.	2.3	14
24	Many neighbors are not silent. fMRI evidence for global lexical activity in visual word recognition. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 423.	1.0	14
25	An investigation of parafoveal masks with the incremental boundary paradigm. <i>PLoS ONE</i> , 2019, 14, e0203013.	1.1	14
26	Eye movements during text reading align with the rate of speech production. <i>Nature Human Behaviour</i> , 2022, 6, 429-442.	6.2	14
27	A new high-speed visual stimulation method for gaze-contingent eye movement and brain activity studies. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 24.	1.2	13
28	Foveal processing difficulty does not affect parafoveal preprocessing in young readers. <i>Scientific Reports</i> , 2017, 7, 41602.	1.6	13
29	Cloze enough? Hemodynamic effects of predictive processing during natural reading. <i>NeuroImage</i> , 2021, 228, 117687.	2.1	11
30	Anticipating trajectories of exponential growth. <i>Royal Society Open Science</i> , 2021, 8, 201574.	1.1	11
31	Sex hormones and number processing. Progesterone and testosterone relate to hemispheric asymmetries during number comparison. <i>Hormones and Behavior</i> , 2019, 115, 104553.	1.0	10
32	Peripheral preview abolishes N170 face-sensitivity at fixation: Using fixation-related potentials to investigate dynamic face processing. <i>Visual Cognition</i> , 2019, 27, 740-759.	0.9	10
33	Spill the load: Mixed evidence for a foveal load effect, reliable evidence for a spillover effect in eye-movement control during reading. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 1442-1453.	0.7	10
34	Eye-tracking-based visual field analysis (EFA): a reliable and precise perimetric methodology for the assessment of visual field defects. <i>BMJ Open Ophthalmology</i> , 2021, 6, e000429.	0.8	10
35	A model-guided dissociation between subcortical and cortical contributions to word recognition. <i>Scientific Reports</i> , 2019, 9, 4506.	1.6	7
36	Processing of parafoveally presented words. An fMRI study. <i>NeuroImage</i> , 2019, 184, 1-9.	2.1	7

#	ARTICLE	IF	CITATIONS
37	Visual field improvement in neglect after virtual reality intervention: a single-case study. <i>Neurocase</i> , 2021, 27, 308-318.	0.2	6
38	Eye-movements during number comparison: Associations to sex and sex hormones. <i>Physiology and Behavior</i> , 2020, 227, 113161.	1.0	4
39	Dual-stage and dual-deficit? Word recognition processes during text reading across the reading fluency continuum. <i>Reading and Writing</i> , 2022, 35, 663-686.	1.0	4
40	Salzburg Visual Field Trainer (SVFT): A virtual reality device for (the evaluation of) neuropsychological rehabilitation. <i>PLoS ONE</i> , 2021, 16, e0249762.	1.1	4
41	A dynamic adjustment model of saccade lengths in reading for word-spaced orthographies: evidence from simulations and invisible boundary experiments. <i>Journal of Cognitive Psychology</i> , 2022, 34, 435-453.	0.4	3
42	No Effect of cathodal tDCS of the posterior parietal cortex on parafoveal preprocessing of words. <i>Neuroscience Letters</i> , 2019, 705, 219-226.	1.0	2
43	Children struggle beyond preschool-age in a continuous version of the ambiguous figures task. <i>Psychological Research</i> , 2021, 85, 828-841.	1.0	1