

Florian Hutzler

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,991
citations

185998

28
h-index

174990

52
g-index

68
all docs

68
docs citations

68
times ranked

2732
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired semantic categorization during transcranial direct current stimulation of the left and right inferior parietal lobule. <i>Journal of Neurolinguistics</i> , 2022, 62, 101058.	0.5	1
2	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
3	Cloze enough? Hemodynamic effects of predictive processing during natural reading. <i>NeuroImage</i> , 2021, 228, 117687.	2.1	11
4	Anticipating trajectories of exponential growth. <i>Royal Society Open Science</i> , 2021, 8, 201574.	1.1	11
5	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
6	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
7	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
8	The SLS-Berlin: Validation of a German Computer-Based Screening Test to Measure Reading Proficiency in Early and Late Adulthood. <i>Frontiers in Psychology</i> , 2019, 10, 1682.	1.1	18
9	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
10	An investigation of parafoveal masks with the incremental boundary paradigm. <i>PLoS ONE</i> , 2019, 14, e0203013.	1.1	14
11	A model-guided dissociation between subcortical and cortical contributions to word recognition. <i>Scientific Reports</i> , 2019, 9, 4506.	1.6	7
12	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
13	Processing of parafoveally presented words. An fMRI study. <i>NeuroImage</i> , 2019, 184, 1-9.	2.1	7
14	Action video gaming and the brain: <scp>fMRI</scp> effects without behavioral effects in visual and verbal cognitive tasks. <i>Brain and Behavior</i> , 2018, 8, e00877.	1.0	20
15	First gender, then attractiveness: Indications of gender-specific attractiveness processing via ERP onsets. <i>Neuroscience Letters</i> , 2018, 686, 186-192.	1.0	19
16	Inducing Thought Processes: Bringing Process Measures and Cognitive Processes Closer Together. <i>Journal of Behavioral Decision Making</i> , 2017, 30, 1001-1013.	1.0	19
17	Foveal processing difficulty does not affect parafoveal preprocessing in young readers. <i>Scientific Reports</i> , 2017, 7, 41602.	1.6	13
18	Unto the third generation: evidence for strong familial aggregation of physicians, psychologists, and psychotherapists among first-year medical and psychology students in a nationwide Austrian cohort census. <i>BMC Medical Education</i> , 2017, 17, 81.	1.0	0

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19	Oscillatory Brain Dynamics during Sentence Reading: A Fixation-Related Spectral Perturbation Analysis. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 191.	1.0	25
20	On the Development of Parafoveal Preprocessing: Evidence from the Incremental Boundary Paradigm. <i>Frontiers in Psychology</i> , 2016, 7, 514.	1.1	25
21	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
22	Left ventral occipitotemporal activation during orthographic and semantic processing of auditory words. <i>NeuroImage</i> , 2016, 124, 834-842.	2.1	34
23	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
24	The neural bases of the pseudohomophone effect: Phonological constraints on lexico-semantic access in reading. <i>Neuroscience</i> , 2015, 295, 151-163.	1.1	22
25	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
26	On forward inferences of fast and slow readers. An eye movement study. <i>Scientific Reports</i> , 2015, 5, 8432.	1.6	33
27	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
28	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
29	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
30	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
31	Fixation location on upright and inverted faces modulates the N170. <i>Neuropsychologia</i> , 2014, 57, 1-11.	0.7	34
32	Reverse inference is not a fallacy per se: Cognitive processes can be inferred from functional imaging data. <i>NeuroImage</i> , 2014, 84, 1061-1069.	2.1	163
33	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
34	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
35	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
36	The neural time course of art perception: An ERP study on the processing of style versus content in art. <i>Neuropsychologia</i> , 2011, 49, 2071-2081.	0.7	53

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37	Flashlight – Recording information acquisition online. Computers in Human Behavior, 2011, 27, 1771-1782.	5.1	15
38	Systematic influence of gaze position on pupil size measurement: analysis and correction. Behavior Research Methods, 2011, 43, 1171-1181.	2.3	92
39	Mona Lisa’s Smile – Perception or Deception?. Psychological Science, 2010, 21, 378-380.	1.8	24
40	Preview benefit facilitates word processing in Fixation Related Brain Potentials. Journal of Vision, 2010, 10, 520-520.	0.1	0
41	Laying eyes on headlights: eye movements suggest facial features in cars. Collegium Antropologicum, 2010, 34, 1075-80.	0.1	29
42	Pseudohomophone effects provide evidence of early lexico-phonological processing in visual word recognition. Human Brain Mapping, 2009, 30, 1977-1989.	1.9	74
43	The coupling of emotion and cognition in the eye: Introducing the pupil old/new effect. Psychophysiology, 2008, 45, 130-140.	1.2	117
44	Developmental dyslexia: Gray matter abnormalities in the occipitotemporal cortex. Human Brain Mapping, 2008, 29, 613-625.	1.9	149
45	Style follows content: On the microgenesis of art perception. Acta Psychologica, 2008, 128, 127-138.	0.7	121
46	On the specificities of the inverted-optimal viewing position effect and their implications on models of eye movement control during reading. Brain Research, 2008, 1239, 152-161.	1.1	7
47	Taxi vs. Taksi: On Orthographic Word Recognition in the Left Ventral Occipitotemporal Cortex. Journal of Cognitive Neuroscience, 2007, 19, 1584-1594.	1.1	127
48	Welcome to the real world: Validating fixation-related brain potentials for ecologically valid settings. Brain Research, 2007, 1172, 124-129.	1.1	79
49	Does the frequency of the antecedent noun affect the resolution of pronominal anaphors?. Neuroscience Letters, 2006, 400, 7-12.	1.0	16
50	Model-generated lexical activity predicts graded ERP amplitudes in lexical decision. Brain Research, 2006, 1073-1074, 431-439.	1.1	63
51	Perhaps correlational but not causal: No effect of dyslexic readers’ magnocellular system on their eye movements during reading. Neuropsychologia, 2006, 44, 637-648.	0.7	92
52	Evidence for a dysfunction of left posterior reading areas in German dyslexic readers. Neuropsychologia, 2006, 44, 1822-1832.	0.7	117
53	Dem Geist auf der Spur: Neurokognitive Methoden zur Messung von Lern- und Gedächtnisprozessen. , 2006, , 71-86.		2
54	Effects of syllable-frequency in lexical decision and naming: An eye-movement study. Brain and Language, 2005, 92, 138-152.	0.8	35

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55	Frequency Effects with Visual Words and Syllables in a Dyslexic Reader. <i>Behavioural Neurology</i> , 2005, 16, 103-117.	1.1	11
56	Developmental dyslexia in a regular orthography: A single case study. <i>Neurocase</i> , 2005, 11, 433-440.	0.2	10
57	How is dysfluent reading reflected in the ERP?. <i>Journal of Neurolinguistics</i> , 2005, 18, 153-165.	0.5	8
58	Eye movements of dyslexic children when reading in a regular orthography. <i>Brain and Language</i> , 2004, 89, 235-242.	0.8	197
59	Do current connectionist learning models account for reading development in different languages?. <i>Cognition</i> , 2004, 91, 273-296.	1.1	84
60	Inhibitory effects of first syllable-frequency in lexical decision: an event-related potential study. <i>Neuroscience Letters</i> , 2004, 372, 179-184.	1.0	69
61	The visual word form area and the frequency with which words are encountered: evidence from a parametric fMRI study. <i>NeuroImage</i> , 2004, 21, 946-953.	2.1	292
62	Dyslexia: Verbal impairments in the absence of magnocellular impairments. <i>NeuroReport</i> , 2002, 13, 617-620.	0.6	86
63	Propentofylline after focal cortical lesion in the rat: impact on functional recovery and basic fibroblast growth factor expression. <i>Neuroscience Letters</i> , 2002, 331, 188-192.	1.0	2
64	Children with dyslexia and right parietal lobe dysfunction: event-related potentials in response to words and pseudowords. <i>Neuroscience Letters</i> , 2002, 331, 211-213.	1.0	23
65	Alpha and beta band power changes in normal and dyslexic children. <i>Clinical Neurophysiology</i> , 2001, 112, 1186-1195.	0.7	102
66	Theta band power changes in normal and dyslexic children. <i>Clinical Neurophysiology</i> , 2001, 112, 1174-1185.	0.7	69