Antje Nuthmann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8778683/publications.pdf

Version: 2024-02-01

51 papers	3,478 citations	201385 27 h-index	189595 50 g-index
55 all docs	55 docs citations	55 times ranked	1898 citing authors

#	Article	IF	Citations
1	Visual search in naturalistic scenes from foveal to peripheral vision: A comparison between dynamic and static displays. Journal of Vision, 2022, 22, 10.	0.1	2
2	The effect of target salience and size in visual search within naturalistic scenes under degraded vision. Journal of Vision, 2021, 21, 2.	0.1	14
3	A Computational Dual-Process Model of Fixation-Duration Control in Natural Scene Viewing. Computational Brain & Behavior, 2021, 4, 463-484.	0.9	5
4	Dynamic text presentation on smart glasses: A pilot evaluation in age-related macular degeneration. British Journal of Visual Impairment, 2020, 38, 24-37.	0.5	7
5	Fixation-related Brain Potentials during Semantic Integration of Objectâ€“Scene Information. Journal of Cognitive Neuroscience, 2020, 32, 571-589.	1.1	47
6	On the relative (un)importance of foveal vision during letter search in naturalistic scenes. Vision Research, 2020, 177, 41-55.	0.7	8
7	Fixation durations in natural scene viewing are guided by peripheral scene content. Journal of Vision, 2020, 20, 15.	0.1	10
8	Salience-based object prioritization during active viewing of naturalistic scenes in young and older adults. Scientific Reports, 2020, 10, 22057.	1.6	16
9	Extrafoveal attentional capture by object semantics. PLoS ONE, 2019, 14, e0217051.	1.1	14
10	On the 'Where' and 'When' of Eye Guidance in Real-World Scenes. Journal of Eye Movement Research, 2019, 12, .	0.5	0
11	Salience-based object prioritization during natural-scene viewing in elderly and young adults. Journal of Vision, 2018, 18, 379.	0.1	0
12	Disentangling the mechanisms underlying infant fixation durations in scene perception: A computational account. Vision Research, 2017, 134, 43-59.	0.7	17
13	Fixation durations in scene viewing: Modeling the effects of local image features, oculomotor parameters, and task. Psychonomic Bulletin and Review, 2017, 24, 370-392.	1.4	67
14	How Well Can Saliency Models Predict Fixation Selection in Scenes Beyond Central Bias? A New Approach to Model Evaluation Using Generalized Linear Mixed Models. Frontiers in Human Neuroscience, 2017, 11, 491.	1.0	25
15	Scene perception from central to peripheral vision. Journal of Vision, 2017, 17, 6.	0.1	22
16	Salient in space, salient in time: Fixation probability predicts fixation duration during natural scene viewing. Journal of Vision, 2016, 16, 13.	0.1	17
17	Eye guidance during real-world scene search: The role color plays in central and peripheral vision. Journal of Vision, 2016, 16, 3.	0.1	39
18	Saccadic Scrolling: Speed Reading Strategy Based on Natural Eye Movements. , 2016, , .		1

#	Article	IF	Citations
19	No Evidence for a Saccadic Range Effect for Visually Guided and Memory-Guided Saccades in Simple Saccade-Targeting Tasks. PLoS ONE, 2016, 11, e0162449.	1.1	16
20	Mechanisms of saccadic decision making while encoding naturalistic scenes. Journal of Vision, 2015, 15, 21.	0.1	13
21	Overt attention in natural scenes: Objects dominate features. Vision Research, 2015, 107, 36-48.	0.7	70
22	A new approach to modeling the influence of image features on fixation selection in scenes. Annals of the New York Academy of Sciences, 2015, 1339, 82-96.	1.8	36
23	How do the regions of the visual field contribute to object search in real-world scenes? Evidence from eye movements.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 342-360.	0.7	96
24	A binocular moving window technique to study the roles of the two eyes in reading. Visual Cognition, 2014, 22, 259-282.	0.9	9
25	Beyond Gist. Psychological Science, 2014, 25, 1087-1097.	1.8	27
26	Single-trial classification of EEG in a visual object task using ICA and machine learning. Journal of Neuroscience Methods, 2014, 228, 1-14.	1.3	131
27	Time course of pseudoneglect in scene viewing. Cortex, 2014, 52, 113-119.	1.1	48
28	Asymmetrical control of fixation durations in scene viewing. Vision Research, 2014, 100, 38-46.	0.7	30
29	Not fixating at the line of text comes at a cost. Attention, Perception, and Psychophysics, 2013, 75, 1604-1609.	0.7	3
30	On the visual span during object search in real-world scenes. Visual Cognition, 2013, 21, 803-837.	0.9	43
31	Eye movement control during scene viewing: Immediate effects of scene luminance on fixation durations.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 318-322.	0.7	37
32	Eye movement control in scene viewing and reading: Evidence from the stimulus onset delay paradigm.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 10-15.	0.7	30
33	Object-based saccadic selection during scene perception: Evidence from viewing position effects. Journal of Vision, 2013, 13, 2-2.	0.1	47
34	Using CRISP to model global characteristics of fixation durations in scene viewing and reading with a common mechanism. Visual Cognition, 2012, 20, 457-494.	0.9	42
35	Your mind wanders weakly, your mind wanders deeply: Objective measures reveal mindless reading at different levels. Cognition, 2012, 125, 179-194.	1.1	83
36	CRISP: A computational model of fixation durations in scene viewing.. Psychological Review, 2010, 117, 382-405.	2.7	208

#	Article	IF	Citations
37	Eye movements during reading of randomly shuffled text. Vision Research, 2010, 50, 2600-2616.	0.7	24
38	Object-based attentional selection in scene viewing. Journal of Vision, 2010, 10, 20-20.	0.1	185
39	The effect of word position on eye-movements in sentence and paragraph reading. Quarterly Journal of Experimental Psychology, 2010, 63, 1838-1857.	0.6	83
40	Flexible saccade-target selection in Chinese reading. Quarterly Journal of Experimental Psychology, 2010, 63, 705-725.	0.6	128
41	An examination of binocular reading fixations based on sentence corpus data. Journal of Vision, 2009, 9, 31-31.	0.1	62
42	Mindless reading revisited: An analysis based on the SWIFT model of eye-movement control. Vision Research, 2009, 49, 322-336.	0.7	40
43	Preferred viewing locations: a validation and an extension. Perception, 2009, 38, 901-2; discussion 905-6.	0.5	5
44	Self-Consistent Estimation of Mislocated Fixations during Reading. PLoS ONE, 2008, 3, e1534.	1.1	24
45	The IOVP effect in mindless reading: Experiment and modeling. Vision Research, 2007, 47, 990-1002.	0.7	62
46	An iterative algorithm for the estimation of the distribution of mislocated fixations during reading. , 2007, , 319-337.		7
47	Tracking the mind during reading: The influence of past, present, and future words on fixation durations.. Journal of Experimental Psychology: General, 2006, 135, 12-35.	1.5	438
48	Time's arrow and pupillary response. Psychophysiology, 2005, 42, 306-317.	1.2	61
49	SWIFT: A Dynamical Model of Saccade Generation During Reading.. Psychological Review, 2005, 112, 777-813.	2.7	811
50	Mislocated fixations during reading and the inverted optimal viewing position effect. Vision Research, 2005, 45, 2201-2217.	0.7	152
51	Picture-word matching: Flexibility in conceptual memory and pupillary responses. Psychophysiology, 2003, 40, 904-913.	1.2	13