Sebastiaan MathÃ´t

List of Publications by Year
in descending order

52	4,007	304368	205818
papers	citations	22 h-index	48 g-index

66	66	66	3469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interactions Between Visual Working Memory, Attention, and Color Categories: A Pupillometry Study. Journal of Cognition, 2022, 5, .	1.0	9
2	The influence of pupil responses on subjective brightness perception. Perception, 2022, 51, 370-387.	0.5	7
3	Categorical bias as a crucial parameter in visual working memory: The effect of memory load and retention interval. Cortex, 2022, 154, 311-321.	1.1	7
4	Conducting Linguistic Experiments Online With OpenSesame and OSWeb. Language Learning, 2022, 72, 1017-1048.	1.4	11
5	Coordination effort in joint action is reflected in pupil size. Acta Psychologica, 2021, 215, 103291.	0.7	4
6	Free-viewing multi-stimulus eye tracking task to index attention bias for alcohol versus soda cues: Satisfactory reliability and criterion validity. Addictive Behaviors, 2020, 100, 106117.	1.7	26
7	Concurrent guidance of attention by multiple working memory items: Behavioral and computational evidence. Attention, Perception, and Psychophysics, 2020, 82, 2950-2962.	0.7	11
8	Tuning the Senses: How the Pupil Shapes Vision at the Earliest Stage. Annual Review of Vision Science, 2020, 6, 433-451.	2.3	31
9	Visual saliency influences ethical blind spots and (dis)honesty. Psychonomic Bulletin and Review, 2019, 26, 1719-1728.	1.4	6
10	Can you have multiple attentional templates? Large-scale replications of Van Moorselaar, Theeuwes, and Olivers (2014) and Hollingworth and Beck (2016). Attention, Perception, and Psychophysics, 2019, 81, 2700-2709.	0.7	21
11	A Practical Guide to Functional Magnetic Resonance Imaging with Simultaneous Eye Tracking for Cognitive Neuroimaging Research. Neuromethods, 2019, , 291-305.	0.2	2
12	Touch-induced pupil size reflects stimulus intensity, not subjective pleasantness. Experimental Brain Research, 2019, 237, 201-210.	0.7	18
13	The pupillary light response reflects visual working memory content.. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 1522-1528.	0.7	9
14	The effect of pupil size and peripheral brightness on detection and discrimination performance. PeerJ, 2019, 7, e8220.	0.9	22
15	Pupil size, locus coeruleus, emotional intensity, and eye movements during unconstrained movie viewing. Journal of Vision, 2019, 19, 252c.	0.1	0
16	Effects of task difficulty and attentional breadth on tonic and phasic pupil size. Journal of Vision, 2019, 19, 282a.	0.1	3
17	Parallel graded attention in reading: A pupillometric study. Scientific Reports, 2018, 8, 3743.	1.6	18
18	Safe and sensible preprocessing and baseline correction of pupil-size data. Behavior Research Methods, 2018, 50, 94-106.	2.3	248

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19	MEGALEX: A megastudy of visual and auditory word recognition. Behavior Research Methods, 2018, 50, 1285-1307.	2.3	36
20	There is no evidence that pupil mimicry is a social phenomenon. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11565.	3.3	8
21	Pupillometry: Psychology, Physiology, and Function. Journal of Cognition, 2018, 1, 16.	1.0	380
22	Pupil Mimicry is the Result of Brightness Perception of the Iris and Pupil. Journal of Cognition, 2018, 1, 32.	1.0	18
23	Pupillary Responses to Words That Convey a Sense of Brightness or Darkness. Psychological Science, 2017, 28, 1116-1124.	1.8	59
24	Don't admit defeat: A new dawn for the item in visual search. Behavioral and Brain Sciences, 2017, 40, e159.	0.4	0
25	The World (of Warcraft) through the eyes of an expert. PeerJ, 2017, 5, e3783.	0.9	5
26	The Mind-Writing Pupil: A Human-Computer Interface Based on Decoding of Covert Attention through Pupillometry. PLoS ONE, 2016, 11, e0148805.	1.1	47
27	The pupillary light response reflects encoding, but not maintenance, in visual working memory.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 1716-1723.	0.7	23
28	The pupillary light response reflects encoding, but not maintenance, in visual working memory. Journal of Vision, 2016, 16, 363.	0.1	0
29	Intrasaccadic perception triggers pupillary constriction. PeerJ, 2015, 3, e1150.	0.9	32
30	Large pupils predict goal-driven eye movements.. Journal of Experimental Psychology: General, 2015, 144, 513-521.	1.5	30
31	New Light on the Mindâ€™s Eye. Current Directions in Psychological Science, 2015, 24, 374-378.	2.8	131
32	The pupillary light response reflects eye-movement preparation.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 28-35.	0.7	77
33	The mind-writing pupil: near-perfect decoding of visual attention with pupillometry. Journal of Vision, 2015, 15, 176.	0.1	2
34	The pupillary light response reflects exogenous attention and inhibition of return. Journal of Vision, 2014, 14, 7-7.	0.1	62
35	Effects of number, complexity, and familiarity of flankers on crowded letter identification. Journal of Vision, 2014, 14, 7-7.	0.1	24
36	PyGaze: An open-source, cross-platform toolbox for minimal-effort programming of eyetracking experiments. Behavior Research Methods, 2014, 46, 913-921.	2.3	232

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37	Object-centered orienting and IOR. Attention, Perception, and Psychophysics, 2014, 76, 2249-2255.	0.7	4
38	Tests of a model of multi-word reading: Effects of parafoveal flanking letters on foveal word recognition. Acta Psychologica, 2014, 146, 35-40.	0.7	40
39	Exogenous object-centered attention. Attention, Perception, and Psychophysics, 2013, 75, 812-818.	0.7	17
40	A Retinotopic Attentional Trace after Saccadic Eye Movements: Evidence from Event-related Potentials. Journal of Cognitive Neuroscience, 2013, 25, 1563-1577.	1.1	15
41	A reinvestigation of the reference frame of the tilt-adaptation aftereffect. Scientific Reports, 2013, 3, 1152.	1.6	36
42	Flank to the left, flank to the right: Testing the modified receptive field hypothesis of letter-specific crowding. Journal of Cognitive Psychology, 2013, 25, 774-780.	0.4	16
43	The Pupillary Light Response Reveals the Focus of Covert Visual Attention. PLoS ONE, 2013, 8, e78168.	1.1	177
44	OpenSesame: An open-source, graphical experiment builder for the social sciences. Behavior Research Methods, 2012, 44, 314-324.	2.3	1,638
45	Mantra: an open method for object and movement tracking. Behavior Research Methods, 2011, 43, 1182-1193.	2.3	3
46	Visual attention and stability. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 516-527.	1.8	58
47	Object-based eye movements: The eyes prefer to stay within the same object. Attention, Perception, and Psychophysics, 2010, 72, 597-601.	0.7	26
48	From reorienting of attention to biased competition: Evidence from hemifield effects. Attention, Perception, and Psychophysics, 2010, 72, 651-657.	0.7	23
49	ScanMatch: A novel method for comparing fixation sequences. Behavior Research Methods, 2010, 42, 692-700.	2.3	193
50	Evidence for the predictive remapping of visual attention. Experimental Brain Research, 2010, 200, 117-122.	0.7	57
51	Gradual Remapping Results in Early Retinotopic and Late Spatiotopic Inhibition of Return. Psychological Science, 2010, 21, 1793-1798.	1.8	60
52	Temptation shapes dishonesty and can alter working memory. Current Psychology, 0, , 1.	1.7	0