Heiner Deubel

List of Publications by Year
in descending order

76 papers	6,736 citations	159525 30 h-index	91828 69 g-index
87 all docs	87 docs citations	87 times ranked	3371 citing authors

#	Article	IF	Citations
1	Saccade target selection and object recognition: Evidence for a common attentional mechanism. Vision Research, 1996, 36, 1827-1837.	0.7	1,778
2	Postsaccadic target blanking prevents saccadic suppression of image displacement. Vision Research, 1996, 36, 985-996.	0.7	551
3	Picture Changes During Blinks: Looking Without Seeing and Seeing Without Looking. Visual Cognition, 2000, 7, 191-211.	0.9	425
4	Effect of Remote Distractors on Saccade Programming: Evidence for an Extended Fixation Zone. Journal of Neurophysiology, 1997, 78, 1108-1119.	0.9	413
5	Predictive remapping of attention across eye movements. Nature Neuroscience, 2011, 14, 252-256.	7.1	308
6	Immediate post-saccadic information mediates space constancy. Vision Research, 1998, 38, 3147-3159.	0.7	258
7	Selective Dorsal and Ventral Processing: Evidence for a Common Attentional Mechanism in Reaching and Perception. Visual Cognition, 1998, 5, 81-107.	0.9	254
8	Separate adaptive mechanisms for the control of reactive and volitional saccadic eye movements. Vision Research, 1995, 35, 3529-3540.	0.7	158
9	The time course of presaccadic attention shifts. Psychological Research, 2008, 72, 630-640.	1.0	154
10	Attentional landscapes in reaching and grasping. Vision Research, 2010, 50, 999-1013.	0.7	152
11	Properties of attentional selection during the preparation of sequential saccades. Experimental Brain Research, 2008, 184, 411-425.	0.7	130
12	Deployment of visual attention before sequences of goal-directed hand movements. Vision Research, 2006, 46, 4355-4374.	0.7	124
13	Differential Effect of a Bilateral Deep Cerebellar Nuclei Lesion on Externally and Internally Triggered Saccades in Humans. Neuro-Ophthalmology, 1995, 15, 67-74.	0.4	111
14	Fourth Purkinje image signals reveal eye-lens deviations and retinal image distortions during saccades. Vision Research, 1995, 35, 529-538.	0.7	109
15	Post-saccadic location judgments reveal remapping of saccade targets to non-foveal locations. Journal of Vision, 2009, 9, 29-29.	0.1	101
16	Independent Allocation of Attention to Eye and Hand Targets in Coordinated Eye-Hand Movements. Psychological Science, 2011, 22, 339-347.	1.8	97
17	Localization of targets across saccades: Role of landmark objects. Visual Cognition, 2004, 11, 173-202.	0.9	93
18	Transsaccadic memory of position and form. Progress in Brain Research, 2002, 140, 165-180.	0.9	92

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19	Delayed Saccades, but Not Delayed Manual Aiming Movements, Require Visual Attention Shifts. Annals of the New York Academy of Sciences, 2003, 1004, 289-296.	1.8	82
20	ADAPTIVITY OF GAIN AND DIRECTION IN OBLIQUE SACCADES. , 1987, , 181-190.		78
21	Attentional Selection of Multiple Goal Positions Before Rapid Hand Movement Sequences: An Event-related Potential Study. Journal of Cognitive Neuroscience, 2009, 21, 18-29.	1.1	63
22	Visual attention during the preparation of bimanual movements. Vision Research, 2008, 48, 549-563.	0.7	60
23	Attentional selection during preparation of prehension movements. Visual Cognition, 2003, 10, 409-431.	0.9	58
24	Landmarks facilitate visual space constancy across saccades and during fixation. Vision Research, 2010, 50, 249-259.	0.7	53
25	Oculomotor selection underlies feature retention in visual working memory. Journal of Neurophysiology, 2016, 115, 1071-1076.	0.9	48
26	Changes in tactile sensitivity over the time-course of a goal-directed movement. Behavioural Brain Research, 2010, 208, 391-401.	1.2	46
27	Visual attention is not deployed at the endpoint of averaging saccades. PLoS Biology, 2018, 16, e2006548.	2.6	43
28	Visual attention is not limited to the oculomotor range. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9665-9670.	3.3	42
29	Visual Attention and Saccadic Eye Movements: Evidence for Obligatory and Selective Spatial Coupling. Studies in Visual Information Processing, 1995, 6, 317-324.	0.3	38
30	Perceptual consequences of ocular lens overshoot during saccadic eye movements. Vision Research, 1995, 35, 2897-2902.	0.7	38
31	Independent selection of eye and hand targets suggests effector-specific attentional mechanisms. Scientific Reports, 2018, 8, 9434.	1.6	38
32	Different effects of eyelid blinks and target blanking on saccadic suppression of displacement. Perception & Psychophysics, 2004, 66, 772-778.	2.3	35
33	Contact points during multidigit grasping of geometric objects. Experimental Brain Research, 2012, 217, 137-151.	0.7	33
34	Sensitivity measures of visuospatial attention. Journal of Vision, 2019, 19, 17.	0.1	33
35	Attention allocation before antisaccades. Journal of Vision, 2016, 16, 11.	0.1	32
36	Attention, Information Processing, and Eye Movement Control. , 2000, , 355-374.		31

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37	Mental extrapolation of motion modulates responsiveness to visual stimuli. Vision Research, 2006, 46, 2593-2601.	0.7	31
38	Efficient grasping requires attentional resources. Vision Research, 2011, 51, 1223-1231.	0.7	31
39	Pre-saccadic perceptual facilitation can occur without covert orienting of attention. Cortex, 2010, 46, 1132-1137.	1.1	29
40	Pre-saccadic remapping relies on dynamics of spatial attention. ELife, 2018, 7, .	2.8	29
41	Independent Effects of Eye and Hand Movements on Visual Working Memory. Frontiers in Systems Neuroscience, 2018, 12, 37.	1.2	26
42	Advance Planning in Sequential Pickâ€“andâ€“Place Tasks. Journal of Neurophysiology, 2010, 104, 508-516.	0.9	25
43	Attention and suppression affect tactile perception in reach-to-grasp movements. Acta Psychologica, 2011, 138, 302-310.	0.7	24
44	Attention is needed for action control: Further evidence from grasping. Vision Research, 2012, 71, 37-43.	0.7	23
45	Time gaps in mental imagery introduced by competing saccadic tasks. Vision Research, 2009, 49, 2164-2175.	0.7	22
46	Presaccadic motion integration between current and future retinotopic locations of attended objects. Journal of Neurophysiology, 2016, 116, 1592-1602.	0.9	22
47	The Subjective Direction of Gaze Shifts Long Before the Saccade. , 1999, , 65-70.		21
48	Spatial attention during saccade decisions. Journal of Neurophysiology, 2017, 118, 149-160.	0.9	20
49	Changes in grasping kinematics due to different start postures of the hand. Human Movement Science, 2009, 28, 415-436.	0.6	19
50	Action preparation enhances the processing of tactile targets. Experimental Brain Research, 2009, 198, 301-311.	0.7	18
51	Pre- and post-saccadic stimulus timing in saccadic suppression of displacement â€“ A computational model. Vision Research, 2017, 138, 1-11.	0.7	17
52	Visuomotor mental rotation of saccade direction. Experimental Brain Research, 1999, 127, 224-232.	0.7	16
53	Inhibition of saccades elicits attentional suppression. Journal of Vision, 2013, 13, 9-9.	0.1	16
54	Adaptive Control of Saccade Metrics. , 1991, , 93-100.		15

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55	Theory of visual attention (TVA) in action: Assessing premotor attention in simultaneous eye-hand movements. Cortex, 2020, 133, 133-148.	1.1	14
56	The spread of presaccadic attention depends on the spatial configuration of the visual scene. Scientific Reports, 2019, 9, 14034.	1.6	12
57	Preparing coordinated eye and hand movements: Dual-task costs are not attentional. Journal of Vision, 2010, 10, 23-23.	0.1	11
58	Sensory and motor aspects of saccade control. European Archives of Psychiatry and Neurological Sciences, 1989, 239, 17-22.	0.9	10
59	Attention capture outside the oculomotor range. Current Biology, 2020, 30, R1353-R1355.	1.8	10
60	The effect of spatial structure on presaccadic attention costs and benefits assessed with dynamic 1/f noise. Journal of Neurophysiology, 2022, 127, 1586-1592.	0.9	10
61	Characterizing chunks in visual short-term memory: Not more than one feature per dimension?. Behavioral and Brain Sciences, 2001, 24, 144-145.	0.4	9
62	Visual attention and eye movement control during oculomotor competition. Journal of Vision, 2020, 20, 16.	0.1	9
63	Attention, saccade programming, and the timing of eye-movement control. Behavioral and Brain Sciences, 2003, 26, 497-498.	0.4	7
64	Effects of altered transport paths and intermediate movement goals on human grasp kinematics. Experimental Brain Research, 2010, 201, 93-109.	0.7	7
65	Bimanual movement control is moderated by fixation strategies. Experimental Brain Research, 2010, 202, 837-850.	0.7	7
66	Saccade selection and inhibition: motor and attentional components. Journal of Neurophysiology, 2019, 121, 1368-1380.	0.9	7
67	Spatiotopic and saccade-specific transsaccadic memory for object detail. Journal of Vision, 2020, 20, 2.	0.1	7
68	Displacement detection is suppressed by the post-saccadic stimulus. Scientific Reports, 2020, 10, 9273.	1.6	7
69	Stimulus blanking reveals contrast-dependent transsaccadic feature transfer. Scientific Reports, 2020, 10, 18656.	1.6	6
70	How postsaccadic visual structure affects the detection of intrasaccadic target displacements. , 2007, , 193-212.		6
71	Eye and hand movements disrupt attentional control. PLoS ONE, 2022, 17, e0262567.	1.1	6
72	The influence of obstacles on grasp planning. Experimental Brain Research, 2018, 236, 2639-2648.	0.7	4

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73	Human-inspired selection of grasp hypotheses for execution on a humanoid robot. , 2011, , .		3
74	Sensitivity measures of visuospatial attention. Journal of Vision, 2017, 17, 673.	0.1	2
75	Measuring presaccadic attention without distorting it: A novel dynamic noise paradigm to investigate visuospatial attention. Journal of Vision, 2018, 18, 893.	0.1	1
76	Chapter 5 Visual processing and cognitive factors in the generation of saccadic eye movements. Handbook of Perception and Action, 1996, 1, 143-189.	0.1	0