

Heinrich H BÃ¼lthoff

List of Publications by Year in descending order

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67
papers

7,283
citations

136885

32
h-index

118793

62
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all docs

67
docs citations

67
times ranked

4470
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the contribution of active somatosensory stimulation to self-acceleration perception in dynamic driving simulators. PLoS ONE, 2021, 16, e0259015.	1.1	1
2	Multisensory Interactions in Head and Body Centered Perception of Verticality. Frontiers in Neuroscience, 2020, 14, 599226.	1.4	6
3	Gravity-dependent change in the "light-from-above" prior. Scientific Reports, 2018, 8, 15131.	1.6	4
4	Causal Inference in the Perception of Verticality. Scientific Reports, 2018, 8, 5483.	1.6	42
5	Causal Inference in Multisensory Heading Estimation. PLoS ONE, 2017, 12, e0169676.	1.1	36
6	Egocentric biases in comparative volume judgments of rooms. Journal of Vision, 2016, 16, 2.	0.1	4
7	Beyond Faces and Expertise. Psychological Science, 2016, 27, 213-222.	1.8	37
8	Human discrimination of head-centred visual "inertial yaw rotations. Experimental Brain Research, 2015, 233, 3553-3564.	0.7	11
9	Forced Fusion in Multisensory Heading Estimation. PLoS ONE, 2015, 10, e0127104.	1.1	34
10	Integration of Semi-Circular Canal and Otolith Cues for Direction Discrimination during Eccentric Rotations. PLoS ONE, 2015, 10, e0136925.	1.1	8
11	Optimal visual "vestibular integration under conditions of conflicting intersensory motion profiles. Experimental Brain Research, 2015, 233, 587-597.	0.7	44
12	Virtual arm's reach influences perceived distances but only after experience reaching. Neuropsychologia, 2015, 70, 393-401.	0.7	60
13	Motor-visual neurons and action recognition in social interactions. Behavioral and Brain Sciences, 2014, 37, 197-198.	0.4	1
14	Learning to recognize face shapes through serial exploration. Experimental Brain Research, 2013, 226, 513-523.	0.7	3
15	View dependencies in the visual recognition of social interactions. Frontiers in Psychology, 2013, 4, 752.	1.1	21
16	The MPI Facial Expression Database " A Validated Database of Emotional and Conversational Facial Expressions. PLoS ONE, 2012, 7, e32321.	1.1	132
17	Serial exploration of faces: Comparing vision and touch. Journal of Vision, 2012, 12, 6-6.	0.1	27
18	Multisensory integration in the estimation of walked distances. Experimental Brain Research, 2012, 218, 551-565.	0.7	74

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19	Persistent perceptual delay for head movement onset relative to auditory stimuli of different durations and rise times. <i>Experimental Brain Research</i> , 2012, 220, 41-50.	0.7	29
20	Walk this way: Approaching bodies can influence the processing of faces. <i>Cognition</i> , 2011, 118, 17-31.	1.1	30
21	The Role of Stereo Vision in Visual-Vestibular Integration. <i>Seeing and Perceiving</i> , 2011, 24, 453-470.	0.4	49
22	Storing upright turns: how visual and vestibular cues interact during the encoding and recalling process. <i>Experimental Brain Research</i> , 2010, 200, 37-49.	0.7	12
23	Multidimensional scaling analysis of haptic exploratory procedures. <i>ACM Transactions on Applied Perception</i> , 2010, 7, 1-17.	1.2	13
24	Simulating believable forward accelerations on a Stewart motion platform. <i>ACM Transactions on Applied Perception</i> , 2010, 7, 1-27.	1.2	43
25	Bayesian integration of visual and vestibular signals for heading. <i>Journal of Vision</i> , 2010, 10, 23-23.	0.1	198
26	Cross-Modal Transfer in Visual and Haptic Face Recognition. <i>IEEE Transactions on Haptics</i> , 2009, 2, 236-240.	1.8	16
27	The role of attention on the integration of visual and inertial cues. <i>Experimental Brain Research</i> , 2009, 198, 287-300.	0.7	19
28	Using morphs of familiar objects to examine how shape discriminability influences view sensitivity. <i>Perception & Psychophysics</i> , 2008, 70, 853-877.	2.3	10
29	The prototype effect revisited: Evidence for an abstract feature model of face recognition. <i>Journal of Vision</i> , 2008, 8, 20.	0.1	26
30	Perceptual Robotics. , 2008, , 1481-1498.		4
31	Multimodal similarity and categorization of novel, three-dimensional objects. <i>Neuropsychologia</i> , 2007, 45, 484-495.	0.7	69
32	Object Recognition in Humans and Machines. , 2007, , 89-104.		4
33	Comparing view sensitivity in shape discrimination with shape sensitivity in view discrimination. <i>Perception & Psychophysics</i> , 2006, 68, 655-673.	2.3	7
34	A search advantage for faces learned in motion. <i>Experimental Brain Research</i> , 2006, 171, 436-447.	0.7	80
35	Visual, haptic and crossmodal recognition of scenes. <i>Experimental Brain Research</i> , 2005, 161, 233-242.	0.7	99
36	Is prior knowledge of object geometry used in visually guided reaching?. <i>Journal of Vision</i> , 2005, 5, 2-2.	0.1	25

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37	Learning from humans: Computational modeling of face recognition. Network: Computation in Neural Systems, 2005, 16, 401-418.	2.2	21
38	Merging the senses into a robust percept. Trends in Cognitive Sciences, 2004, 8, 162-169.	4.0	1,482
39	Computational Modeling of Face Recognition Based on Psychophysical Experiments. Swiss Journal of Psychology, 2004, 63, 207-215.	0.9	17
40	The use of facial motion and facial form during the processing of identity. Vision Research, 2003, 43, 1921-1936.	0.7	154
41	Representation of the Perceived 3-D Object Shape in the Human Lateral Occipital Complex. Cerebral Cortex, 2003, 13, 911-920.	1.6	186
42	Visuomotor Control in Flies and Behavior " based Agents. Studies in Fuzziness and Soft Computing, 2003, , 89-117.	0.6	1
43	Categorical perception of familiar objects. Cognition, 2002, 85, 113-143.	1.1	63
44	View-Based Recognition of Faces in Man and Machine: Re-visiting Inter-extra-Ortho. Lecture Notes in Computer Science, 2002, , 651-660.	1.0	28
45	Vision and Action in Virtual Environments: Modern Psychophysics in Spatial Cognition Research. , 2001, , 233-252.		15
46	Effects of visual illusions on grasping.. Journal of Experimental Psychology: Human Perception and Performance, 2001, 27, 1124-1144.	0.7	217
47	Viewpoint Dependence in Visual and Haptic Object Recognition. Psychological Science, 2001, 12, 37-42.	1.8	231
48	Touch can change visual slant perception. Nature Neuroscience, 2000, 3, 69-73.	7.1	211
49	Effects of parametric manipulation of inter-stimulus similarity on 3D object categorization. Spatial Vision, 1999, 12, 107-123.	1.4	13
50	On robots and flies: Modeling the visual orientation behavior of flies. Robotics and Autonomous Systems, 1999, 29, 227-242.	3.0	67
51	What Object Attributes Determine Canonical Views?. Perception, 1999, 28, 575-599.	0.5	182
52	Learning View Graphs for Robot Navigation. Autonomous Robots, 1998, 5, 111-125.	3.2	149
53	Image-based object recognition in man, monkey and machine. Cognition, 1998, 67, 1-20.	1.1	348
54	How is bilateral symmetry of human faces used for recognition of novel views?. Vision Research, 1998, 38, 79-89.	0.7	80

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55	Why the visual recognition system might encode the effects of illumination. <i>Vision Research</i> , 1998, 38, 2259-2275.	0.7	76
56	Stimulus-specific effects in face recognition over changes in viewpoint. <i>Vision Research</i> , 1998, 38, 2351-2363.	0.7	135
57	An Introduction to Object Recognition. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1998, 53, 610-621.	0.6	9
58	Navigation mit Schnappschälchen. <i>Informatik Aktuell</i> , 1998, , 421-428.	0.4	0
59	To What Extent Do Unique Parts Influence Recognition Across Changes in Viewpoint?. <i>Psychological Science</i> , 1997, 8, 282-289.	1.8	147
60	Sex Classification is Better with Three-Dimensional Head Structure Than with Image Intensity Information. <i>Perception</i> , 1997, 26, 75-84.	0.5	133
61	Face recognition under varying poses: The role of texture and shape. <i>Vision Research</i> , 1996, 36, 1761-1771.	0.7	369
62	Is human object recognition better described by geon structural descriptions or by multiple views? Comment on Biederman and Gerhardstein (1993).. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1995, 21, 1494-1505.	0.7	322
63	An integrated approach to the study of object features in visual recognition. <i>Network: Computation in Neural Systems</i> , 1995, 6, 603-618.	2.2	0
64	Separate neural pathways for the visual analysis of object shape in perception and prehension. <i>Current Biology</i> , 1994, 4, 604-610.	1.8	513
65	Shape from texture: Ideal observers and human psychophysics. <i>Vision Research</i> , 1993, 33, 1723-1737.	0.7	109
66	Orientation dependence in the recognition of familiar and novel views of three-dimensional objects. <i>Vision Research</i> , 1992, 32, 2385-2400.	0.7	436
67	Integration of depth modules: stereo and shading. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1988, 5, 1749.	0.8	291