## Heiko Hecht

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2116522/publications.pdf

Version: 2024-02-01

		136950	149698
161	4,047	32	56
papers	citations	h-index	g-index
163	163	163	2467
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Wider is better but sharper is not: optimizing the image of camera-monitor systems. Ergonomics, 2022, 65, 899-914.	2.1	3
2	Chewing gum reduces visually induced motion sickness. Experimental Brain Research, 2022, 240, 651-663.	1.5	9
3	Mirror or camera? Acceptance and valuation of camera-monitor systems. Transportation Research Interdisciplinary Perspectives, 2022, 13, 100512.	2.7	O
4	Crossmodal Correspondence between Music and Ambient Color Is Mediated by Emotion. Multisensory Research, 2022, 35, 407-446.	1.1	5
5	The Ups and Downs of Camera-Monitor Systems: The Effect of Camera Position on Rearward Distance Perception. Human Factors, 2021, 63, 415-432.	3.5	6
6	Driver Situation Awareness and Perceived Sleepiness during Truck Platoon Driving – Insights from Eye-tracking Data. International Journal of Human-Computer Interaction, 2021, 37, 1467-1477.	4.8	3
7	A Case for Raising the Camera: A Driving Simulator Test of Camera-Monitor Systems. Human Factors, 2021, , 001872082110109.	3.5	5
8	Visual and postural eye-height information is flexibly coupled in the perception of virtual environments Journal of Experimental Psychology: Human Perception and Performance, 2021, 47, 1132-1148.	0.9	4
9	Estimating time-to-contact when vision is impaired. Scientific Reports, 2021, 11, 21213.	3.3	6
10	Inverting the Wollaston Illusion: Gaze Direction Attracts Perceived Head Orientation. I-Perception, 2021, 12, 204166952110469.	1.4	2
11	Wall patterns influence the perception of interior space. Quarterly Journal of Experimental Psychology, 2020, 73, 29-54.	1.1	2
12	Acceptance of truck platooning by professional drivers on German highways. A mixed methods approach. Applied Ergonomics, 2020, 85, 103042.	3.1	18
13	Body image avoidance affects interpersonal distance perception: A virtual environment experiment. European Eating Disorders Review, 2020, 28, 282-295.	4.1	9
14	Interpersonal Distance Regulation and Approach-Avoidance Reactions Are Altered in Psychopathy. Clinical Psychological Science, 2020, 8, 211-225.	4.0	8
15	Public acceptance of semi-automated truck platoon driving. A comparison between Germany and California. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 74, 361-374.	3.7	19
16	Visually Induced Motion Sickness on the Horizon. Frontiers in Virtual Reality, 2020, 1, .	3.7	17
17	Interpersonal Distance in the SARS-CoV-2 Crisis. Human Factors, 2020, 62, 1095-1101.	3.5	21
18	User acceptance of automated public transport. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 70, 109-123.	3.7	82

#	Article	IF	Citations
19	Quantifying the Wollaston Illusion. Perception, 2020, 49, 588-599.	1.2	3
20	Sexual attraction modulates interpersonal distance and approach-avoidance movements towards virtual agents in males. PLoS ONE, 2020, 15, e0231539.	<b>2.</b> 5	20
21	A new perspective on CMS – testing the effect of camera displacement in a realistic lane-change task. Proceedings of the Human Factors and Ergonomics Society, 2020, 64, 1632-1633.	0.3	O
22	Having a Drink with Tchaikovsky: The Crossmodal Influence of Background Music on the Taste of Beverages. Multisensory Research, 2019, 32, 1-24.	1.1	19
23	Predictors of visually induced motion sickness in women. Displays, 2019, 58, 27-32.	3.7	10
24	The anisotropy of personal space. PLoS ONE, 2019, 14, e0217587.	2.5	32
25	Effects of Visually Induced Motion Sickness on Emergency Braking Reaction Times in a Driving Simulator. Human Factors, 2019, 61, 1004-1018.	3.5	3
26	The Louder, the Longer: Object Length Perception Is Influenced by Loudness, but Not by Pitch. Vision (Switzerland), 2019, 3, 57.	1.2	4
27	The Effects of Hemianopia on Perception of Mutual Gaze. Optometry and Vision Science, 2019, 96, 860-865.	1.2	0
28	Effect of Gaze on Personal Space: A Japanese–German Cross-Cultural Study. Journal of Cross-Cultural Psychology, 2019, 50, 8-21.	1.6	14
29	Effectiveness and user acceptance of infotainment-lockouts: A driving simulator study. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 60, 643-656.	3.7	6
30	The shape of personal space. Acta Psychologica, 2019, 193, 113-122.	1.5	72
31	A novel dissociation between representational momentum and representational gravity through response modality. Psychological Research, 2019, 83, 1223-1236.	1.7	4
32	Is mental time embodied interpersonally?. Cognitive Processing, 2018, 19, 419-427.	1.4	4
33	Underestimation of large distances in active and passive locomotion. Experimental Brain Research, 2018, 236, 1603-1609.	1.5	3
34	Effect of Camera Angle on Perception of Trust and Attractiveness. Empirical Studies of the Arts, 2018, 36, 90-100.	1.7	14
35	The CSI-education effect: Do potential criminals benefit from forensic TV series?. International Journal of Law, Crime and Justice, 2018, 52, 86-97.	0.8	5
36	Cognitive performance and emotion are indifferent to ambient color. Color Research and Application, 2018, 43, 65-74.	1.6	24

#	Article	IF	CITATIONS
37	Bright paint makes interior-space surfaces appear farther away. PLoS ONE, 2018, 13, e0201976.	2.5	9
38	Which Attribute of Ceiling Color Influences Perceived Room Height?. Human Factors, 2018, 60, 1228-1240.	3.5	5
39	Effects of symmetry, texture, and monocular viewing on geographical slant estimation. Consciousness and Cognition, 2018, 64, 183-195.	1.5	2
40	Psychopathy and the Regulation of Interpersonal Distance. Clinical Psychological Science, 2018, 6, 835-847.	4.0	14
41	Functional Neuroanatomy of Time-To-Passage Perception. Journal of Behavioral and Brain Science, 2018, 08, 622-640.	0.5	O
42	Are you looking at me? The effects of hemianopia on perception of mutual gaze. Journal of Vision, 2018, 18, 927.	0.3	0
43	Measuring Perceived Ceiling Height in a Visual Comparison Task. Quarterly Journal of Experimental Psychology, 2017, 70, 516-532.	1.1	13
44	The best way to assess visually induced motion sickness in a fixed-base driving simulator. Transportation Research Part F: Traffic Psychology and Behaviour, 2017, 48, 74-88.	3.7	26
45	Can We Study Autonomous Driving Comfort in Moving-Base Driving Simulators? A Validation Study. Human Factors, 2017, 59, 442-456.	3.5	35
46	The Auditory Kuleshov Effect: Multisensory Integration in Movie Editing. Perception, 2017, 46, 624-631.	1.2	12
47	One Hundred Years of Photoplay: Hugo M $\tilde{A}$ 1/4nsterberg's Lasting Contribution to Cognitive Movie Psychology. Projections (New York), 2017, 11, 1-21.	0.4	2
48	The effects of social pressure and emotional expression on the cone of gaze in patients with social anxiety disorder. Journal of Behavior Therapy and Experimental Psychiatry, 2017, 55, 16-24.	1.2	8
49	Vestibular Stimulation Interferes with the Dynamics of An Internal Representation of Gravity. Quarterly Journal of Experimental Psychology, 2017, 70, 2290-2305.	1.1	12
50	The Sense of Being Watched Is Modulated by Arousal and Duration of the Perceptual Episode. I-Perception, 2017, 8, 204166951774217.	1.4	8
51	Social Factors in Aesthetics: Social Conformity Pressure and a Sense of Being Watched Affect Aesthetic Judgments. I-Perception, 2017, 8, 204166951773632.	1.4	6
52	Counting does not improve the accuracy of long time productions. Attention, Perception, and Psychophysics, 2017, 79, 2576-2589.	1.3	7
53	Canned Emotions. Effects of Genre and Audience Reaction on Emotions. Art and Perception, 2017, 5, 312-336.	0.5	1
54	Vection is the main contributor to motion sickness induced by visual yaw rotation: Implications for conflict and eye movement theories. PLoS ONE, 2017, 12, e0175305.	2.5	71

#	Article	IF	Citations
55	Do happy faces really modulate liking for Jackson Pollock art and statistical fractal noise images?. Psihologija, 2017, 50, 219-237.	0.6	O
56	Linking contemporary research to the classics: Celebrating 125 years at APA Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 1695-1700.	0.9	0
57	Genre-dependent effects of 3D film on presence, motion sickness, and protagonist perception. Displays, 2016, 44, 53-59.	3.7	9
58	Brightness and contrast do not affect visually induced motion sickness in a passively-flown fixed-base flight simulator. Displays, 2016, 44, 5-14.	3.7	11
59	How Long Did You Look At Me? The Influence of Gaze Direction on Perceived Duration and Temporal Sensitivity. Perception, 2016, 45, 612-630.	1.2	6
60	The behavioral validity of dual-task driving performance in fixed and moving base driving simulators. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 37, 78-96.	3.7	60
61	Internal consistency predicts attractiveness in biological motion walkers. Evolution and Human Behavior, 2016, 37, 40-46.	2.2	10
62	The vista paradox: Framing or contrast?. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 1734-1747.	0.9	3
63	The Mona Lisa effect: Neural correlates of centered and offâ€centered gaze. Human Brain Mapping, 2015, 36, 619-632.	3.6	16
64	Effects of distance and eye-height on time-to-contact estimates. Movement and Sports Sciences - Science Et Motricite, 2015, , 17-27.	0.3	1
65	Visually induced motion sickness can be alleviated by pleasant odors. Experimental Brain Research, 2015, 233, 1353-1364.	1.5	57
66	Gender Differences and Similarities in Receptivity to Sexual Invitations: Effects of Location and Risk Perception. Archives of Sexual Behavior, 2015, 44, 2257-2265.	1.9	20
67	The effects of simulated vision impairments on the cone of gaze. Attention, Perception, and Psychophysics, 2015, 77, 2399-2408.	1.3	11
68	Depression does not affect time perception and time-to-contact estimation. Frontiers in Psychology, 2014, 5, 810.	2.1	26
69	The dynamic representation of gravity is suspended when the idiotropic vector is misaligned with gravity. Journal of Vestibular Research: Equilibrium and Orientation, 2014, 24, 267-279.	2.0	10
70	The Big Picture: Effects of Surround on Immersion and Size Perception. Perception, 2014, 43, 1061-1070.	1.2	11
71	Pleasant music as a countermeasure against visually induced motion sickness. Applied Ergonomics, 2014, 45, 521-527.	3.1	78
72	Emotional effects on time-to-contact judgments: arousal, threat, and fear of spiders modulate the effect of pictorial content. Experimental Brain Research, 2014, 232, 2337-2347.	1.5	18

#	Article	IF	CITATIONS
73	Can representational trajectory reveal the nature of an internal model of gravity?. Attention, Perception, and Psychophysics, 2014, 76, 1106-1120.	1.3	10
74	Threatening scenes but not threatening faces shorten time-to-contact estimates. Attention, Perception, and Psychophysics, 2014, 76, 1698-1708.	1.3	7
75	Slope estimation and viewing distance of the observer. Attention, Perception, and Psychophysics, 2014, 76, 1729-1738.	1.3	8
76	Arrival-time judgments on multiple-lane streets: The failure to ignore irrelevant traffic. Accident Analysis and Prevention, 2014, 65, 72-84.	5.7	14
77	Allocentric time-to-contact and the devastating effect of perspective. Vision Research, 2014, 105, 53-60.	1.4	8
78	The Effect of Central Vision Loss on Perception of Mutual Gaze. Optometry and Vision Science, 2014, 91, 1000-1011.	1.2	5
79	The Effect of Furnishing on Perceived Spatial Dimensions and Spaciousness of Interior Space. PLoS ONE, 2014, 9, e113267.	2.5	23
80	The Mona Lisa effect: Testing the limits of perceptual robustness vis-Ã-vis slanted images. Psihologija, 2014, 47, 287-301.	0.6	9
81	Visual discrimination thresholds for time to arrival. Attention, Perception, and Psychophysics, 2013, 75, 1465-1472.	1.3	8
82	Luminance and contrast in visual perception of time to collision. Vision Research, 2013, 89, 18-23.	1.4	12
83	The widening of the gaze cone in patients with social anxiety disorder and its normalization after CBT. Behaviour Research and Therapy, 2013, 51, 359-367.	3.1	30
84	Cross-ethnic assessment of body weight and height on the basis of faces. Personality and Individual Differences, 2013, 55, 356-360.	2.9	16
85	The representational dynamics of remembered projectile locations Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 1690-1699.	0.9	35
86	Stereoscopic Viewing Enhances Visually Induced Motion Sickness but Sound Does Not. Presence: Teleoperators and Virtual Environments, 2012, 21, 213-228.	0.6	48
87	Visually induced motion sickness and presence in videogames: The role of sound. Proceedings of the Human Factors and Ergonomics Society, 2012, 56, 1763-1767.	0.3	24
88	Judging Body Weight from Faces: The Heightâ€"Weight Illusion. Perception, 2012, 41, 121-124.	1.2	31
89	The impact of rear-view mirror distance and curvature on judgements relevant to road safety. Ergonomics, 2012, 55, 23-36.	2.1	14
90	Differentiating the differential rotation effect. Acta Psychologica, 2012, 140, 252-265.	1.5	5

#	Article	IF	Citations
91	Threatening pictures induce shortened time-to-contact estimates. Attention, Perception, and Psychophysics, 2012, 74, 979-987.	1.3	36
92	Wie schmeckt Wein? – Der multisensorische Ursprung der Gaumenfreude. , 2012, , 175-185.		0
93	Who is looking at me? The cone of gaze widens in social phobia. Cognition and Emotion, 2011, 25, 756-764.	2.0	54
94	Fashion Versus Perception: The Impact of Surface Lightness on the Perceived Dimensions of Interior Space. Human Factors, 2011, 53, 284-298.	3.5	22
95	The cone of gaze., 2011,,.		3
96	Crossing a Multi-Lane Street: Irrelevant Cars Increase Unsafe Behavior. BIO Web of Conferences, 2011, 1, 00009.	0.2	0
97	Impact of Perceptual Ability and Mental Imagery Training on Simulated Laparoscopic Knot-Tying in Surgical Novices Using a Nissen Fundoplication Model. Scandinavian Journal of Surgery, 2011, 100, 78-85.	2.6	33
98	Axis Rotation and Visually Induced Motion Sickness: The Role of Combined Roll, Pitch, and Yaw Motion. Aviation, Space, and Environmental Medicine, 2011, 82, 1023-1029.	0.5	40
99	The Effect of Body Posture on Long-Range Time-to-Contact Estimation. Perception, 2011, 40, 674-681.	1.2	22
100	Global flow impacts time-to-passage judgments based on local motion cues. Vision Research, 2011, 51, 1880-1887.	1.4	3
101	Intra-visual conflict in visually induced motion sickness. Displays, 2011, 32, 181-188.	3.7	49
102	Effects of task-irrelevant texture motion on time-to-contact judgments. Attention, Perception, and Psychophysics, 2011, 73, 581-596.	1.3	14
103	Temporal-range estimation of multiple objects: Evidence for an early bottleneck. Acta Psychologica, 2011, 137, 76-82.	1.5	25
104	Locomotor and verbal distance judgments in action and vista space. Experimental Brain Research, 2011, 210, 13-23.	1.5	15
105	Validating an Efficient Method to Quantify Motion Sickness. Human Factors, 2011, 53, 415-426.	3.5	344
106	For the mind's eye the world is two-dimensional. Psychonomic Bulletin and Review, 2010, 17, 36-40.	2.8	2
107	Judging the contact-times of multiple objects: Evidence for asymmetric interference. Acta Psychologica, 2010, 134, 363-371.	1.5	27
108	Eye movements influence estimation of time-to-contact in prediction motion. Experimental Brain Research, 2010, 206, 399-407.	1.5	66

#	Article	IF	CITATIONS
109	Surface Lightness Influences Perceived Room Height. Quarterly Journal of Experimental Psychology, 2010, 63, 1999-2011.	1.1	37
110	Testing the Egocentric Mirror-Rotation Hypothesis. Seeing and Perceiving, 2010, 23, 373-383.	0.3	4
111	Age-Correlated Incremental Consideration of Velocity Information in Relative Time-to-Arrival Judgments. Ecological Psychology, 2010, 22, 212-221.	1.1	8
112	AMBIENT LIGHTING MODIFIES THE FLAVOR OF WINE. Journal of Sensory Studies, 2009, 24, 797-832.	1.6	108
113	Intercepting real and simulated falling objects: What is the difference?. Journal of Neuroscience Methods, 2009, 184, 48-53.	2.5	7
114	Distance estimation in vista space. Attention, Perception, and Psychophysics, 2009, 71, 1127-1137.	1.3	33
115	The limits of visual mass perception. Quarterly Journal of Experimental Psychology, 2009, 62, 2210-2221.	1.1	11
116	Effects of a moving distractor object on time-to-contact judgments Journal of Experimental Psychology: Human Perception and Performance, 2008, 34, 605-623.	0.9	35
117	Vestibular adaptation to centrifugation does not transfer across planes of head rotation. Journal of Vestibular Research: Equilibrium and Orientation, 2008, 18, 25-37.	2.0	11
118	Convex rear view mirrors compromise distance and time-to-contact judgements. Ergonomics, 2007, 50, 601-614.	2.1	13
119	Are you looking at me? Measuring the cone of gaze Journal of Experimental Psychology: Human Perception and Performance, 2007, 33, 705-715.	0.9	123
120	Artificial gravityâ€"head movements during short-radius centrifugation: Influence of cognitive effects. Acta Astronautica, 2005, 56, 859-866.	3.2	11
121	Boundary Extension: The Role of Magnification, Object Size, Context, and Binocular Information Journal of Experimental Psychology: Human Perception and Performance, 2005, 31, 1288-1307.	0.9	31
122	Naive Optics: Acting on Mirror Reflections Journal of Experimental Psychology: Human Perception and Performance, 2005, 31, 1023-1038.	0.9	19
123	Chapter 1 Theories of time-to-contact judgment. Advances in Psychology, 2004, 135, 1-11.	0.1	21
124	The Event Structure of Motion Perception. , 2004, , 139-156.		0
125	Naive optics: Predicting and perceiving reflections in mirrors Journal of Experimental Psychology: Human Perception and Performance, 2003, 29, 982-1002.	0.9	45
126	Adaptation of the vestibulo-ocular reflex, subjective tilt, and motion sickness to head movements during short-radius centrifugation. Journal of Vestibular Research: Equilibrium and Orientation, 2003, 13, 65-77.	2.0	44

#	Article	IF	Citations
127	Adaptation of the vestibulo-ocular reflex, subjective tilt, and motion sickness to head movements during short-radius centrifugation. Journal of Vestibular Research: Equilibrium and Orientation, 2003, 13, 65-77.	2.0	25
128	Naive optics: Understanding the geometry of mirror reflections Journal of Experimental Psychology: Human Perception and Performance, 2002, 28, 546-562.	0.9	69
129	The impact of spatiotemporal sampling on time-to-contact judgments. Perception & Psychophysics, 2002, 64, 650-666.	2.3	10
130	Naive optics: Understanding the geometry of mirror reflections Journal of Experimental Psychology: Human Perception and Performance, 2002, 28, 546-562.	0.9	26
131	Adapting to artificial gravity (AG) at high rotational speeds. Journal of Gravitational Physiology: A Journal of the International Society for Gravitational Physiology, 2002, 9, P1-5.	0.0	3
132	Multi-level sensorimotor interactions. Behavioral and Brain Sciences, 2001, 24, 906-907.	0.7	0
133	Universal internalization or pluralistic micro-theories?. Behavioral and Brain Sciences, 2001, 24, 749-755.	0.7	1
134	Regularities of the physical world and the absence of their internalization. Behavioral and Brain Sciences, 2001, 24, 608-617.	0.7	22
135	Motor learning enhances perceptual judgment: a case for action-perception transfer. Psychological Research, 2001, 65, 3-14.	1.7	170
136	Artificial gravity: head movements during short-radius centrifugation. Acta Astronautica, 2001, 49, 215-226.	3.2	66
137	Time-to-passage judgments on circular trajectories are based on relative optical acceleration. Perception & Psychophysics, 2001, 63, 1153-1170.	2.3	9
138	Understanding projectile acceleration Journal of Experimental Psychology: Human Perception and Performance, 2000, 26, 730-746.	0.9	185
139	Psychological Evidence for Unconscious Processing of Detail in Real-time Animation of Multiple Characters. Computer Animation and Virtual Worlds, 2000, 11, 105-112.	0.9	18
140	The Failings of Three Event Perception Theories. Journal for the Theory of Social Behaviour, 2000, 30, 1-25.	1.2	7
141	Are Events and Affordances Commensurate Terms?. Ecological Psychology, 2000, 12, 57-63.	1.1	6
142	Virtual RoboCup: Real-Time 3D Visualization of 2D Soccer Games. Lecture Notes in Computer Science, 2000, , 331-344.	1.3	3
143	A perception experiment with time-critical graphics animation on the World-Wide Web. Behavior Research Methods, 1999, 31, 439-445.	1.3	18
144	Compression of visual space in natural scenes and in their photographic counterparts. Perception & Psychophysics, 1999, 61, 1269-1286.	2.3	42

#	Article	IF	CITATIONS
145	Image velocity, not tau, explains arrival-time judgments from global optical flow Journal of Experimental Psychology: Human Perception and Performance, 1999, 25, 1540-1555.	0.9	30
146	The limits of an occasionalist Gibsonian theory of perceptual space. Advances in Psychology, 1999, 129, 65-68.	0.1	1
147	Crossmodal perception and the function of emotion. Advances in Psychology, 1999, 129, 439-443.	0.1	0
148	Perceiving topological structure of 2-D patterns. Acta Psychologica, 1998, 99, 255-292.	1.5	9
149	Heading backward: Perceived direction of movement in contracting and expanding optical flow fields. Psychonomic Bulletin and Review, 1997, 4, 516-523.	2.8	4
150	Heuristics and invariants in dynamic event perception: Immunized concepts or nonstatements?. Psychonomic Bulletin and Review, 1996, 3, 61-70.	2.8	32
151	Gravitational acceleration as a cue for absolute size and distance?. Perception & Psychophysics, 1996, 58, 1066-1075.	2.3	132
152	Time-to-passage judgments in nonconstant optical flow fields. Perception & Psychophysics, 1995, 57, 817-825.	2.3	50
153	The Price of Expertise: Effects of Experience on the Water-Level Task. Psychological Science, 1995, 6, 90-95.	3.3	103
154	Spatial Representation: Posers and Paradigms. American Journal of Psychology, 1995, 108, 283.	0.3	0
155	Retinal, attentional, and causal aspects of illusory-motion directionality. Psychological Research, 1995, 57, 70-79.	1.7	6
156	Judging Rolling Wheels: Dynamic and Kinematic Aspects of Rotation – Translation Coupling. Perception, 1993, 22, 917-928.	1.2	13
157	Stereokinetic effect and its relation to the kinetic depth effect Journal of Experimental Psychology: Human Perception and Performance, 1992, 18, 3-21.	0.9	68
158	Influence of animation on dynamical judgments Journal of Experimental Psychology: Human Perception and Performance, 1992, 18, 669-689.	0.9	180
159	Apparent extended body motions in depth Journal of Experimental Psychology: Human Perception and Performance, 1991, 17, 1090-1103.	0.9	63
160	Integration of local features as a function of global goodness and spacing. Perception & Psychophysics, 1991, 49, 201-211.	2.3	16
161	Stereo viewing upsets cinematic continuity: Filmic cuts are more salient in 3D than in 2D movies Psychology of Aesthetics, Creativity, and the Arts, 0, , .	1.3	0