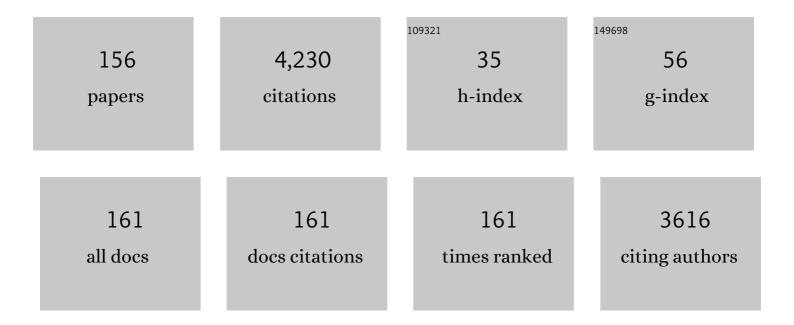
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Influence of noise manipulation on retention in a simulated ICU ward round: an experimental pilot study. Intensive Care Medicine Experimental, 2022, 10, 3.	1.9	2
2	PlatformCommander — An open source software for an easy integration of motion platforms in research laboratories. SoftwareX, 2022, 17, 100945.	2.6	2
3	BizarreVR: Dream-like bizarreness in immersive virtual reality induced changes in conscious experience of reality while leaving spatial presence intact. Consciousness and Cognition, 2022, 99, 103283.	1.5	4
4	Imagined paralysis reduces motor cortex excitability. Psychophysiology, 2022, 59, e14069.	2.4	1
5	Eye movements to absent objects during mental imagery and visual memory in immersive virtual reality. Virtual Reality, 2021, 25, 655-667.	6.1	15
6	The prioritization of visuo-spatial associations during mental imagery. Cognitive Processing, 2021, 22, 227-237.	1.4	3
7	Pictorial low-level features in mental images: evidence from eye fixations. Psychological Research, 2021, , 1.	1.7	0
8	Locomotor illusions are generated by perceptual body-environment organization. PLoS ONE, 2021, 16, e0251562.	2.5	1
9	Eye movements during visual imagery and perception show spatial correspondence but have unique temporal signatures. Cognition, 2021, 210, 104597.	2.2	9
10	How to Get There When You Are There Already? Defining Presence in Virtual Reality and the Importance of Perceived Realism. Frontiers in Psychology, 2021, 12, 628298.	2.1	30
11	Understanding the psychological impact of the COVID-19 pandemic and containment measures: An empirical model of stress. PLoS ONE, 2021, 16, e0254883.	2.5	5
12	Congruency of Information Rather Than Body Ownership Enhances Motor Performance in Highly Embodied Virtual Reality. Frontiers in Neuroscience, 2021, 15, 678909.	2.8	10
13	Body size illusions influence perceived size of objects: a validation of previous research in virtual reality. Virtual Reality, 2020, 24, 385-397.	6.1	5
14	Vestibular Stimulation Modulates Neural Correlates of Own-body Mental Imagery. Journal of Cognitive Neuroscience, 2020, 32, 484-496.	2.3	10
15	Anodal High-definition Transcranial Direct Current Stimulation over the Posterior Parietal Cortex Modulates Approximate Mental Arithmetic. Journal of Cognitive Neuroscience, 2020, 32, 862-876.	2.3	6
16	Imagined paralysis alters somatosensory evoked-potentials. Cognitive Neuroscience, 2020, 11, 205-215.	1.4	4
17	Group Decision-Making in Multi-User Immersive Virtual Reality. Cyberpsychology, Behavior, and Social Networking, 2020, 23, 846-853.	3.9	8
18	How Self-Motion in Virtual Reality Affects the Subjective Perception of Time. Timing and Time Perception, 2020, 8, 119-136.	0.6	3

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19	Experiencing Presence in a Gaming Activity Improves Mood After a Negative Mood Induction. International Journal of Gaming and Computer-Mediated Simulations, 2020, 12, 1-22.	1.1	8
20	Comparison of 3- vs 2-Dimensional Endoscopy Using Eye Tracking and Assessment of Cognitive Load Among Surgeons Performing Endoscopic Ear Surgery. JAMA Otolaryngology - Head and Neck Surgery, 2019, 145, 838.	2.2	13
21	Motor response specificity in perceptual learning and its release by double training. Journal of Vision, 2019, 19, 4.	0.3	6
22	Shared neural mechanisms between imagined and perceived egocentric motion – A combined GVS and fMRI study. Cortex, 2019, 119, 20-32.	2.4	10
23	TV vs. YouTube: TV Advertisements Capture More Visual Attention, Create More Positive Emotions and Have a Stronger Impact on Implicit Long-Term Memory. Frontiers in Psychology, 2019, 10, 626.	2.1	9
24	Individual differences in basic numerical skills: The role of executive functions and motor skills. Journal of Experimental Child Psychology, 2019, 182, 187-195.	1.4	34
25	Canal–otolith interactions alter the perception of self-motion direction. Attention, Perception, and Psychophysics, 2019, 81, 1698-1714.	1.3	2
26	Recurrence quantification analysis of eye movements during mental imagery. Journal of Vision, 2019, 19, 17.	0.3	6
27	The Relation Between Executive Functions, Fine Motor Skills, and Basic Numerical Skills and Their Relevance for Later Mathematics Achievement. Early Education and Development, 2019, 30, 913-926.	2.6	19
28	Sharing a mental number line across individuals? The role of body position and empathy in joint numerical cognition. Quarterly Journal of Experimental Psychology, 2019, 72, 1732-1740.	1.1	6
29	Reinterpretation in visual imagery is possible without visual cues: a validation of previous research. Psychological Research, 2019, 83, 1237-1250.	1.7	Ο
30	Subliminal encoding and flexible retrieval of objects in scenes. Hippocampus, 2018, 28, 633-643.	1.9	17
31	The Fantasy Questionnaire: A Measure to Assess Creative and Imaginative Fantasy. Journal of Personality Assessment, 2018, 100, 431-443.	2.1	16
32	Is the perception of illusions abnormal in schizophrenia?. Psychiatry Research, 2018, 270, 929-939.	3.3	40
33	Cognitive Rehabilitation in Bilateral Vestibular Patients: A Computational Perspective. Frontiers in Neurology, 2018, 9, 286.	2.4	10
34	Distorted own-body representations in patients with dizziness and during caloric vestibular stimulation. Journal of Neurology, 2018, 265, 86-94.	3.6	12
35	The Influence of Alertness on the Spatial Deployment of Visual Attention is Mediated by the Excitability of the Posterior Parietal Cortices. Cerebral Cortex, 2017, 27, 233-243.	2.9	10
36	Loudness Counts: Interactions between Loudness, Number Magnitude, and Space. Quarterly Journal of Experimental Psychology, 2017, 70, 1305-1322.	1.1	27

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37	Vestibular cognition: the effect of prior belief on vestibular perceptual decision making. Journal of Neurology, 2017, 264, 74-80.	3.6	10
38	About individual differences in vision. Vision Research, 2017, 141, 282-292.	1.4	77
39	Impaired math achievement in patients with acute vestibular neuritis. Neuropsychologia, 2017, 107, 1-8.	1.6	14
40	Framing susceptibility in a risky choice game is altered by galvanic vestibular stimulation. Scientific Reports, 2017, 7, 2947.	3.3	10
41	Spatial But Not Oculomotor Information Biases Perceptual Memory: Evidence From Face Perception and Cognitive Modeling. Cognitive Science, 2017, 41, 1533-1554.	1.7	0
42	Semantic incongruity influences response caution in audio-visual integration. Experimental Brain Research, 2017, 235, 349-363.	1.5	9
43	Using space to represent categories: insights from gaze position. Psychological Research, 2017, 81, 721-729.	1.7	15
44	Time in the eye of the beholder: Gaze position reveals spatial-temporal associations during encoding and memory retrieval of future and past. Memory and Cognition, 2017, 45, 40-48.	1.6	11
45	Acute peripheral vestibular deficit increases redundancy in random number generation. Experimental Brain Research, 2017, 235, 627-637.	1.5	10
46	Toward a Dynamic Probabilistic Model for Vestibular Cognition. Frontiers in Psychology, 2017, 8, 138.	2.1	10
47	Perceptual learning is specific beyond vision and decision making. Journal of Vision, 2017, 17, 6.	0.3	7
48	Double training reduces motor response specificity. Journal of Vision, 2017, 17, 38.	0.3	1
49	Disrupting frontal eye-field activity impairs memory recall. NeuroReport, 2016, 27, 374-378.	1.2	6
50	As film goes byte: The change from analog to digital film perception Psychology of Aesthetics, Creativity, and the Arts, 2016, 10, 458-471.	1.3	8
51	Daydreams and trait affect: The role of the listener's state of mind in the emotional response to music. Consciousness and Cognition, 2016, 46, 27-35.	1.5	14
52	Eye Movements Reveal Mental Looking Through Time. Cognitive Science, 2016, 40, 1648-1670.	1.7	22
53	Counting is a spatial process: evidence from eye movements. Psychological Research, 2016, 80, 399-409.	1.7	42
54	When looking back to nothing goes back to nothing. Cognitive Processing, 2016, 17, 105-114.	1.4	15

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55	Response mode specificity of perceptual learning. Journal of Vision, 2016, 16, 26.	0.3	1
56	Negative emotional stimuli enhance vestibular processing Emotion, 2015, 15, 411-415.	1.8	9
57	School-age children show a bias toward fantasy classifications after playing a platform game Psychology of Popular Media Culture, 2015, 4, 351-359.	2.4	6
58	Colors in mind: A novel paradigm to investigate pure color imagery Journal of Experimental Psychology: Learning Memory and Cognition, 2015, 41, 1152-1161.	0.9	13
59	Motor imagery training improves precision ofÂan upper limb movement in patients withÂhemiparesis. NeuroRehabilitation, 2015, 36, 157-166.	1.3	28
60	The distinction between real and fictional worlds: Investigating individual differences in fantasy understanding. Cognitive Development, 2015, 36, 111-126.	1.3	13
61	Street crossing behavior in younger and older pedestrians: an eye- and head-tracking study. BMC Geriatrics, 2015, 15, 176.	2.7	66
62	Linking perceptual learning with identical stimuli to imagery perceptual learning. Journal of Vision, 2015, 15, 13.	0.3	9
63	Spatial biases during mental arithmetic: evidence from eye movements on a blank screen. Frontiers in Psychology, 2015, 6, 12.	2.1	66
64	Virtual Reality-Based Attention Bias Modification Training for Social Anxiety: A Feasibility and Proof of Concept Study. Frontiers in Psychiatry, 2015, 6, 154.	2.6	35
65	In the presence of others: Self-location, balance control and vestibular processing. Neurophysiologie Clinique, 2015, 45, 241-254.	2.2	28
66	Internal Models, Vestibular Cognition, and Mental Imagery: Conceptual Considerations. Multisensory Research, 2015, 28, 443-460.	1.1	15
67	The influence of parent's body mass index on peer selection: An experimental approach using virtual reality. Psychiatry Research, 2015, 230, 5-12.	3.3	3
68	Self-motion direction discrimination in the visually impaired. Experimental Brain Research, 2015, 233, 3221-3230.	1.5	9
69	Prioritizing—The Task Strategy of the Powerful?. Quarterly Journal of Experimental Psychology, 2015, 68, 2097-2105.	1.1	13
70	No correlations between the magnitude of visual illusions. Journal of Vision, 2015, 15, 1132.	0.3	1
71	Preference for Cute Infants Does Not Depend on Their Ethnicity or Species: Evidence from Hypothetical Adoption and Donation Paradigms. PLoS ONE, 2015, 10, e0121554.	2.5	26
72	Spatial cognition, body representation and affective processes: the role of vestibular information beyond ocular reflexes and control of posture. Frontiers in Integrative Neuroscience, 2014, 8, 44.	2.1	92

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73	There is more than "more is upâ€! Hand and foot responses reverse the vertical association of number magnitudes Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 1401-1414.	0.9	43
74	Deleterious effects of roving on learned tasks. Vision Research, 2014, 99, 88-92.	1.4	6
75	Caloric Vestibular Stimulation Modulates Affective Control and Mood. Brain Stimulation, 2014, 7, 133-140.	1.6	42
76	Direction detection thresholds of passive self-motion in artistic gymnasts. Experimental Brain Research, 2014, 232, 1249-1258.	1.5	15
77	Something to smile about: The interrelationship between attractiveness and emotional expression. Cognition and Emotion, 2014, 28, 298-310.	2.0	56
78	Eye movements during mental time travel follow a diagonal line. Consciousness and Cognition, 2014, 30, 201-209.	1.5	53
79	Purchase decision-making is modulated by vestibular stimulation. Frontiers in Behavioral Neuroscience, 2014, 8, 51.	2.0	24
80	Lateralized Processing of Faces. Swiss Journal of Psychology, 2014, 73, 215-224.	0.9	5
81	Self-motion perception training: thresholds improve in the light but not in the dark. Experimental Brain Research, 2013, 226, 231-240.	1.5	32
82	Eye movements during long-term pictorial recall. Psychological Research, 2013, 77, 303-309.	1.7	42
83	Emotion Recognition: The Role of Featural and Configural Face Information. Quarterly Journal of Experimental Psychology, 2013, 66, 2426-2442.	1.1	131
84	Emotional expression affects the accuracy of gaze perception. Motivation and Emotion, 2013, 37, 194-201.	1.3	8
85	Is It Real or Is It Fiction? Children's Bias Toward Reality. Journal of Cognition and Development, 2013, 14, 141-153.	1.3	15
86	Allocentric visual cues influence mental transformation of bodies. Journal of Vision, 2013, 13, 14-14.	0.3	6
87	Visceromotor Sensation and Control. , 2013, , .		0
88	Being Moved by the Self and Others: Influence of Empathy on Self-Motion Perception. PLoS ONE, 2013, 8, e48293.	2.5	26
89	Sweet Puppies and Cute Babies: Perceptual Adaptation to Babyfacedness Transfers across Species. PLoS ONE, 2013, 8, e58248.	2.5	45
90	Moving along the mental number line: Interactions between whole-body motion and numerical cognition Journal of Experimental Psychology: Human Perception and Performance, 2012, 38, 1416-1427.	0.9	93

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91	Perceptual learning of motion discrimination by mental imagery. Journal of Vision, 2012, 12, 14-14.	0.3	7
92	Tumor architecture exerts no bias on nuclear grading in breast cancer diagnosis. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2012, 461, 399-403.	2.8	3
93	Self-motion perception influences number processing: evidence from a parity task. Cognitive Processing, 2012, 13, 189-192.	1.4	19
94	Tactile and vestibular mechanisms underlying ownership for body parts: A non-visual variant of the rubber hand illusion. Neuroscience Letters, 2012, 511, 120-124.	2.1	22
95	Moving along the mental time line influences the processing of future related words. Consciousness and Cognition, 2012, 21, 1558-1562.	1.5	39
96	What Was I Thinking? Eye-Tracking Experiments Underscore the Bias that Architecture Exerts on Nuclear Grading in Prostate Cancer. PLoS ONE, 2012, 7, e38023.	2.5	14
97	New Percepts via Mental Imagery?. Frontiers in Psychology, 2012, 3, 360.	2.1	7
98	Vestibular stimulation modifies the body schema. Neuropsychologia, 2012, 50, 1830-1837.	1.6	104
99	Balancing the Mind. Experimental Psychology, 2012, 59, 332-339.	0.7	46
100	Imagined paralysis impairs embodied spatial transformations. Cognitive Neuroscience, 2011, 2, 155-162.	1.4	7
101	The role of cognitive appraisal in media-induced presence and emotions. Cognition and Emotion, 2011, 25, 1291-1298.	2.0	11
102	Influence of Mental Imagery on Spatial Presence and Enjoyment Assessed in Different Types of Media. Cyberpsychology, Behavior, and Social Networking, 2011, 14, 607-612.	3.9	41
103	Being present in more than one place at a time? Patterns of mental self-localization. Consciousness and Cognition, 2011, 20, 1808-1815.	1.5	24
104	Can imagined whole-body rotations improve vestibular compensation?. Medical Hypotheses, 2011, 76, 816-819.	1.5	14
105	Preschool children's eyeâ€movements during pictorial recall. British Journal of Developmental Psychology, 2011, 29, 425-436.	1.7	19
106	Gender Effects in Information Processing on a Nonverbal Decoding Task. Sex Roles, 2011, 65, 102-107.	2.4	19
107	Mental transformation abilities in patients with unilateral and bilateral vestibular loss. Experimental Brain Research, 2011, 209, 205-214.	1.5	91
108	How Mood States Affect Information Processing During Facial Emotion Recognition: An Eye Tracking Study. Swiss Journal of Psychology, 2011, 70, 223-231.	0.9	95

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109	For the mind's eye the world is two-dimensional. Psychonomic Bulletin and Review, 2010, 17, 36-40.	2.8	2
110	Measuring presence with verbal versus pictorial scales: a comparison between online- and ex post-ratings. Virtual Reality, 2010, 14, 43-53.	6.1	26
111	Immersion in Mediated Environments: The Role of Personality Traits. Cyberpsychology, Behavior, and Social Networking, 2010, 13, 251-256.	3.9	140
112	Effects of microgravity on cognition: The case of mental imagery. Journal of Vestibular Research: Equilibrium and Orientation, 2010, 20, 53-60.	2.0	52
113	Configural and featural processing in humans with congenital prosopagnosia. Advances in Cognitive Psychology, 2010, 6, 23-34.	0.5	29
114	The Effects of Virtual Weather on Presence. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 68-78.	0.3	5
115	Human Perceptual Learning by Mental Imagery. Current Biology, 2009, 19, 2081-2085.	3.9	76
116	Motor Processes in Children's Mental Rotation. Journal of Cognition and Development, 2009, 10, 18-40.	1.3	112
117	Featural, Configural, and Holistic Face-Processing Strategies Evoke Different Scan Patterns. Perception, 2009, 38, 1508-1521.	1.2	49
118	Cognitive Functions. , 2009, , 787-791.		2
119	Vestibular thresholds for yaw rotation about an earth-vertical axis as a function of frequency. Experimental Brain Research, 2008, 186, 677-681.	1.5	182
120	Featural and configural face processing strategies: evidence from a functional magnetic resonance imaging study. NeuroReport, 2008, 19, 287-291.	1.2	37
121	Face Imagery Is Based on Featural Representations. Experimental Psychology, 2008, 55, 47-53.	0.7	9
122	14-3-3. , 2008, , 1-1.		2
123	Mental own-body and body-part transformations in microgravity. Journal of Vestibular Research: Equilibrium and Orientation, 2008, 17, 279-287.	2.0	31
124	Perception of Novel Faces: The Parts Have it!. Perception, 2007, 36, 1660-1673.	1.2	21
125	The Thatcher Illusion: Rotating the Viewer Instead of the Picture. Perception, 2007, 36, 537-546.	1.2	24
126	Mood, information congruency, and overload. Journal of Business Research, 2007, 60, 1109-1116.	10.2	29

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127	The neural basis of the egocentric and allocentric spatial frame of reference. Brain Research, 2007, 1137, 92-103.	2.2	227
128	Mind over Matter? Imagined Body Movements and Their Neuronal Correlates. , 2007, , 353-368.		5
129	Mental own-body and body-part transformations in microgravity. Journal of Vestibular Research: Equilibrium and Orientation, 2007, 17, 279-87.	2.0	26
130	Visual mental imagery during caloric vestibular stimulation. Neuropsychologia, 2006, 44, 101-109.	1.6	55
131	Das Sichtbare nicht sehen — das Unsichtbare sehen. , 2006, , 127-140.		0
132	Artificial gravity—head movements during short-radius centrifugation: Influence of cognitive effects. Acta Astronautica, 2005, 56, 859-866.	3.2	11
133	The face-inversion effect can be explained by the capacity limitations of an orientation normalization mechanism1. Japanese Psychological Research, 2005, 47, 216-222.	1.1	28
134	Mit dem inneren Auge sehen – Wie hägen Wahrnehmung und Vorstellung zusammen?. E-Neuroforum, 2005, 11, 80-87.	0.1	0
135	Mental Object Rotation and Egocentric Body Transformation: Two Dissociable Processes?. Spatial Cognition and Computation, 2005, 5, 217-237.	1.2	19
136	Mental images: Always present, never there. Behavioral and Brain Sciences, 2005, 28, 769-770.	0.7	6
137	Mental Object Rotation and Egocentric Body Transformation: Two Dissociable Processes?. Spatial Cognition and Computation, 2005, 5, 217-237.	1.2	60
138	A behavioral window on the mind of the market: An application of the response time paradigm. Brain Research Bulletin, 2005, 67, 422-427.	3.0	27
139	Top-Down Processing and Visual Reorientation Illusions in a Virtual Reality Environment. Swiss Journal of Psychology, 2004, 63, 143-149.	0.9	9
140	Four types of visual mental imagery processing in upright and tilted observers. Cognitive Brain Research, 2003, 17, 238-247.	3.0	39
141	Visual imagery in cerebral visual dysfunction. Neurologic Clinics, 2003, 21, 631-646.	1.8	24
142	Sensorimotor aspects of high-speed artificial gravity: II. The effect of head position on illusory self motion. Journal of Vestibular Research: Equilibrium and Orientation, 2003, 12, 283-289.	2.0	10
143	Eye movements during visual mental imagery. Trends in Cognitive Sciences, 2002, 6, 271-272.	7.8	59
144	Visual mental images can be ambiguous: insights from individual differences in spatial transformation abilities. Cognition, 2002, 86, 57-70.	2.2	95

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145	Mental Imagery of Visual Motion Modifies the Perception of Roll-Vection Stimulation. Perception, 2001, 30, 945-957.	1.2	31
146	Human perception of verticality: Psychophysical experiments on the centrifuge and their neuronal implications. Japanese Psychological Research, 2000, 42, 194-206.	1.1	8
147	Does the world rock when the eyes roll?. Swiss Journal of Psychology, 2000, 59, 89-101.	0.9	13
148	Assessing Otolith Function by the Subjective Visual Vertical. Annals of the New York Academy of Sciences, 1999, 871, 221-231.	3.8	85
149	Visual mental imagery interferes with allocentric orientation judgements. NeuroReport, 1999, 10, 3549-3553.	1.2	55
150	Chronic unilateral loss of otolith function revealed by the subjective visual vertical during off center yaw rotation. Journal of Vestibular Research: Equilibrium and Orientation, 1999, 9, 413-422.	2.0	21
151	Perceived body position and the visual horizontal. Brain Research Bulletin, 1996, 40, 393-397.	3.0	65
152	Can a unilateral loss of otolithic function be clinically detected by assessment of the subjective visual vertical?. Brain Research Bulletin, 1996, 40, 423-427.	3.0	32
153	An Analysis of Ocular Counterrolling in Response to Body Positions in Three-Dimensional Space. Journal of Vestibular Research: Equilibrium and Orientation, 1992, 2, 213-220.	2.0	21
154	A novel automatic procedure for measuring ocular counterrolling: A computeranalytical method to determine the eye's roll angle while subjects work on perceptual tasks. Behavior Research Methods, 1990, 22, 433-439.	1.3	10
155	God is up and devil is down: mortality salience increases implicit spatial-religious associations. Religion, Brain and Behavior, 0, , 1-13.	0.7	2
156	Video Learning of Surgical Procedures: A Randomized Comparison of Microscopic, 2- and 3-Dimensional Endoscopic Ear Surgery Techniques. Otology and Neurotology, 0, Publish Ahead of Print, .	1.3	1