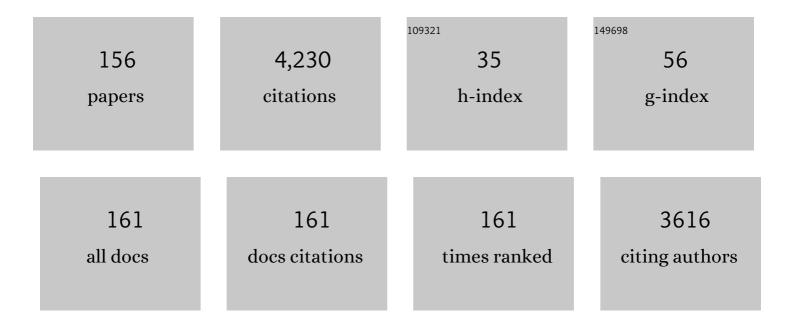
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The neural basis of the egocentric and allocentric spatial frame of reference. Brain Research, 2007, 1137, 92-103.	2.2	227
2	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
3	Immersion in Mediated Environments: The Role of Personality Traits. Cyberpsychology, Behavior, and Social Networking, 2010, 13, 251-256.	3.9	140
4	Emotion Recognition: The Role of Featural and Configural Face Information. Quarterly Journal of Experimental Psychology, 2013, 66, 2426-2442.	1.1	131
5	Motor Processes in Children's Mental Rotation. Journal of Cognition and Development, 2009, 10, 18-40.	1.3	112
6	Vestibular stimulation modifies the body schema. Neuropsychologia, 2012, 50, 1830-1837.	1.6	104
7	Visual mental images can be ambiguous: insights from individual differences in spatial transformation abilities. Cognition, 2002, 86, 57-70.	2.2	95
8	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
9	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
10	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
11	Mental transformation abilities in patients with unilateral and bilateral vestibular loss. Experimental Brain Research, 2011, 209, 205-214.	1.5	91
12	Assessing Otolith Function by the Subjective Visual Vertical. Annals of the New York Academy of Sciences, 1999, 871, 221-231.	3.8	85
13	About individual differences in vision. Vision Research, 2017, 141, 282-292.	1.4	77
14	Human Perceptual Learning by Mental Imagery. Current Biology, 2009, 19, 2081-2085.	3.9	76
15	Street crossing behavior in younger and older pedestrians: an eye- and head-tracking study. BMC Geriatrics, 2015, 15, 176.	2.7	66
16	Spatial biases during mental arithmetic: evidence from eye movements on a blank screen. Frontiers in Psychology, 2015, 6, 12.	2.1	66
17	Perceived body position and the visual horizontal. Brain Research Bulletin, 1996, 40, 393-397.	3.0	65
18	Mental Object Rotation and Egocentric Body Transformation: Two Dissociable Processes?. Spatial Cognition and Computation, 2005, 5, 217-237.	1.2	60

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19	Eye movements during visual mental imagery. Trends in Cognitive Sciences, 2002, 6, 271-272.	7.8	59
20	Something to smile about: The interrelationship between attractiveness and emotional expression. Cognition and Emotion, 2014, 28, 298-310.	2.0	56
21	Visual mental imagery interferes with allocentric orientation judgements. NeuroReport, 1999, 10, 3549-3553.	1.2	55
22	Visual mental imagery during caloric vestibular stimulation. Neuropsychologia, 2006, 44, 101-109.	1.6	55
23	Eye movements during mental time travel follow a diagonal line. Consciousness and Cognition, 2014, 30, 201-209.	1.5	53
24	Effects of microgravity on cognition: The case of mental imagery. Journal of Vestibular Research: Equilibrium and Orientation, 2010, 20, 53-60.	2.0	52
25	Featural, Configural, and Holistic Face-Processing Strategies Evoke Different Scan Patterns. Perception, 2009, 38, 1508-1521.	1.2	49
26	Balancing the Mind. Experimental Psychology, 2012, 59, 332-339.	0.7	46
27	Sweet Puppies and Cute Babies: Perceptual Adaptation to Babyfacedness Transfers across Species. PLoS ONE, 2013, 8, e58248.	2.5	45
28	There is more than "more is up― 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
29	Eye movements during long-term pictorial recall. Psychological Research, 2013, 77, 303-309.	1.7	42
30	Caloric Vestibular Stimulation Modulates Affective Control and Mood. Brain Stimulation, 2014, 7, 133-140.	1.6	42
31	Counting is a spatial process: evidence from eye movements. Psychological Research, 2016, 80, 399-409.	1.7	42
32	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
33	Is the perception of illusions abnormal in schizophrenia?. Psychiatry Research, 2018, 270, 929-939.	3.3	40
34	Four types of visual mental imagery processing in upright and tilted observers. Cognitive Brain Research, 2003, 17, 238-247.	3.0	39
35	Moving along the mental time line influences the processing of future related words. Consciousness and Cognition, 2012, 21, 1558-1562.	1.5	39
36	Featural and configural face processing strategies: evidence from a functional magnetic resonance imaging study. NeuroReport, 2008, 19, 287-291.	1.2	37

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37	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
38	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
39	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
40	Self-motion perception training: thresholds improve in the light but not in the dark. Experimental Brain Research, 2013, 226, 231-240.	1.5	32
41	Mental Imagery of Visual Motion Modifies the Perception of Roll-Vection Stimulation. Perception, 2001, 30, 945-957.	1.2	31
42	Mental own-body and body-part transformations in microgravity. Journal of Vestibular Research: Equilibrium and Orientation, 2008, 17, 279-287.	2.0	31
43	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
44	Mood, information congruency, and overload. Journal of Business Research, 2007, 60, 1109-1116.	10.2	29
45	Configural and featural processing in humans with congenital prosopagnosia. Advances in Cognitive Psychology, 2010, 6, 23-34.	0.5	29
46	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
47	Motor imagery training improves precision ofÂan upper limb movement in patients withÂhemiparesis. NeuroRehabilitation, 2015, 36, 157-166.	1.3	28
48	In the presence of others: Self-location, balance control and vestibular processing. Neurophysiologie Clinique, 2015, 45, 241-254.	2.2	28
49	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
50	Loudness Counts: Interactions between Loudness, Number Magnitude, and Space. Quarterly Journal of Experimental Psychology, 2017, 70, 1305-1322.	1.1	27
51	Measuring presence with verbal versus pictorial scales: a comparison between online- and ex post-ratings. Virtual Reality, 2010, 14, 43-53.	6.1	26
52	Being Moved by the Self and Others: Influence of Empathy on Self-Motion Perception. PLoS ONE, 2013, 8, e48293.	2.5	26
53	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
54	Mental own-body and body-part transformations in microgravity. Journal of Vestibular Research: Equilibrium and Orientation, 2007, 17, 279-87.	2.0	26

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55	Visual imagery in cerebral visual dysfunction. Neurologic Clinics, 2003, 21, 631-646.	1.8	24
56	The Thatcher Illusion: Rotating the Viewer Instead of the Picture. Perception, 2007, 36, 537-546.	1.2	24
57	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
58	Purchase decision-making is modulated by vestibular stimulation. Frontiers in Behavioral Neuroscience, 2014, 8, 51.	2.0	24
59	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
60	Eye Movements Reveal Mental Looking Through Time. Cognitive Science, 2016, 40, 1648-1670.	1.7	22
61	Perception of Novel Faces: The Parts Have it!. Perception, 2007, 36, 1660-1673.	1.2	21
62	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
63	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
64	Mental Object Rotation and Egocentric Body Transformation: Two Dissociable Processes?. Spatial Cognition and Computation, 2005, 5, 217-237.	1.2	19
65	Preschool children's eyeâ€movements during pictorial recall. British Journal of Developmental Psychology, 2011, 29, 425-436.	1.7	19
66	Gender Effects in Information Processing on a Nonverbal Decoding Task. Sex Roles, 2011, 65, 102-107.	2.4	19
67	Self-motion perception influences number processing: evidence from a parity task. Cognitive Processing, 2012, 13, 189-192.	1.4	19
68	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
69	Subliminal encoding and flexible retrieval of objects in scenes. Hippocampus, 2018, 28, 633-643.	1.9	17
70	The Fantasy Questionnaire: A Measure to Assess Creative and Imaginative Fantasy. Journal of Personality Assessment, 2018, 100, 431-443.	2.1	16
71	Is It Real or Is It Fiction? Children's Bias Toward Reality. Journal of Cognition and Development, 2013, 14, 141-153.	1.3	15
72	Direction detection thresholds of passive self-motion in artistic gymnasts. Experimental Brain Research, 2014, 232, 1249-1258.	1.5	15

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73	Internal Models, Vestibular Cognition, and Mental Imagery: Conceptual Considerations. Multisensory Research, 2015, 28, 443-460.	1.1	15
74	When looking back to nothing goes back to nothing. Cognitive Processing, 2016, 17, 105-114.	1.4	15
75	Using space to represent categories: insights from gaze position. Psychological Research, 2017, 81, 721-729.	1.7	15
76	Eye movements to absent objects during mental imagery and visual memory in immersive virtual reality. Virtual Reality, 2021, 25, 655-667.	6.1	15
77	Can imagined whole-body rotations improve vestibular compensation?. Medical Hypotheses, 2011, 76, 816-819.	1.5	14
78	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
79	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
80	Impaired math achievement in patients with acute vestibular neuritis. Neuropsychologia, 2017, 107, 1-8.	1.6	14
81	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
82	The distinction between real and fictional worlds: Investigating individual differences in fantasy understanding. Cognitive Development, 2015, 36, 111-126.	1.3	13
83	Prioritizing—The Task Strategy of the Powerful?. Quarterly Journal of Experimental Psychology, 2015, 68, 2097-2105.	1.1	13
84	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
85	Does the world rock when the eyes roll?. Swiss Journal of Psychology, 2000, 59, 89-101.	0.9	13
86	Distorted own-body representations in patients with dizziness and during caloric vestibular stimulation. Journal of Neurology, 2018, 265, 86-94.	3.6	12
87	Artificial gravity—head movements during short-radius centrifugation: Influence of cognitive effects. Acta Astronautica, 2005, 56, 859-866.	3.2	11
88	The role of cognitive appraisal in media-induced presence and emotions. Cognition and Emotion, 2011, 25, 1291-1298.	2.0	11
89	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
90	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

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91	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
92	Vestibular cognition: the effect of prior belief on vestibular perceptual decision making. Journal of Neurology, 2017, 264, 74-80.	3.6	10
93	Framing susceptibility in a risky choice game is altered by galvanic vestibular stimulation. Scientific Reports, 2017, 7, 2947.	3.3	10
94	Acute peripheral vestibular deficit increases redundancy in random number generation. Experimental Brain Research, 2017, 235, 627-637.	1.5	10
95	Toward a Dynamic Probabilistic Model for Vestibular Cognition. Frontiers in Psychology, 2017, 8, 138.	2.1	10
96	Cognitive Rehabilitation in Bilateral Vestibular Patients: A Computational Perspective. Frontiers in Neurology, 2018, 9, 286.	2.4	10
97	Shared neural mechanisms between imagined and perceived egocentric motion – A combined GVS and fMRI study. Cortex, 2019, 119, 20-32.	2.4	10
98	Vestibular Stimulation Modulates Neural Correlates of Own-body Mental Imagery. Journal of Cognitive Neuroscience, 2020, 32, 484-496.	2.3	10
99	Congruency of Information Rather Than Body Ownership Enhances Motor Performance in Highly Embodied Virtual Reality. Frontiers in Neuroscience, 2021, 15, 678909.	2.8	10
100	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
101	Face Imagery Is Based on Featural Representations. Experimental Psychology, 2008, 55, 47-53.	0.7	9
102	Negative emotional stimuli enhance vestibular processing Emotion, 2015, 15, 411-415.	1.8	9
103	Linking perceptual learning with identical stimuli to imagery perceptual learning. Journal of Vision, 2015, 15, 13.	0.3	9
104	Self-motion direction discrimination in the visually impaired. Experimental Brain Research, 2015, 233, 3221-3230.	1.5	9
105	Semantic incongruity influences response caution in audio-visual integration. Experimental Brain Research, 2017, 235, 349-363.	1.5	9
106	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
107	Eye movements during visual imagery and perception show spatial correspondence but have unique temporal signatures. Cognition, 2021, 210, 104597.	2.2	9
108	Top-Down Processing and Visual Reorientation Illusions in a Virtual Reality Environment. Swiss Journal of Psychology, 2004, 63, 143-149.	0.9	9

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109	Human perception of verticality: Psychophysical experiments on the centrifuge and their neuronal implications. Japanese Psychological Research, 2000, 42, 194-206.	1.1	8
110	Emotional expression affects the accuracy of gaze perception. Motivation and Emotion, 2013, 37, 194-201.	1.3	8
111	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
112	Group Decision-Making in Multi-User Immersive Virtual Reality. Cyberpsychology, Behavior, and Social Networking, 2020, 23, 846-853.	3.9	8
113	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
114	Imagined paralysis impairs embodied spatial transformations. Cognitive Neuroscience, 2011, 2, 155-162.	1.4	7
115	Perceptual learning of motion discrimination by mental imagery. Journal of Vision, 2012, 12, 14-14.	0.3	7
116	New Percepts via Mental Imagery?. Frontiers in Psychology, 2012, 3, 360.	2.1	7
117	Perceptual learning is specific beyond vision and decision making. Journal of Vision, 2017, 17, 6.	0.3	7
118	Mental images: Always present, never there. Behavioral and Brain Sciences, 2005, 28, 769-770.	0.7	6
119	Allocentric visual cues influence mental transformation of bodies. Journal of Vision, 2013, 13, 14-14.	0.3	6
120	Deleterious effects of roving on learned tasks. Vision Research, 2014, 99, 88-92.	1.4	6
121	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
122	Disrupting frontal eye-field activity impairs memory recall. NeuroReport, 2016, 27, 374-378.	1.2	6
123	Motor response specificity in perceptual learning and its release by double training. Journal of Vision, 2019, 19, 4.	0.3	6
124	Recurrence quantification analysis of eye movements during mental imagery. Journal of Vision, 2019, 19, 17.	0.3	6
125	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
126	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

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127	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
128	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
129	Mind over Matter? Imagined Body Movements and Their Neuronal Correlates. , 2007, , 353-368.		5
130	Lateralized Processing of Faces. Swiss Journal of Psychology, 2014, 73, 215-224.	0.9	5
131	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
132	Imagined paralysis alters somatosensory evoked-potentials. Cognitive Neuroscience, 2020, 11, 205-215.	1.4	4
133	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
134	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
135	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
136	How Self-Motion in Virtual Reality Affects the Subjective Perception of Time. Timing and Time Perception, 2020, 8, 119-136.	0.6	3
137	The prioritization of visuo-spatial associations during mental imagery. Cognitive Processing, 2021, 22, 227-237.	1.4	3
138	14-3-3. , 2008, , 1-1.		2
139	For the mind's eye the world is two-dimensional. Psychonomic Bulletin and Review, 2010, 17, 36-40.	2.8	2
140	Canal–otolith interactions alter the perception of self-motion direction. Attention, Perception, and Psychophysics, 2019, 81, 1698-1714.	1.3	2
141	Cognitive Functions. , 2009, , 787-791.		2
142	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
143	PlatformCommander $\hat{a} \in$ " An open source software for an easy integration of motion platforms in research laboratories. SoftwareX, 2022, 17, 100945.	2.6	2
144	God is up and devil is down: mortality salience increases implicit spatial-religious associations. Religion, Brain and Behavior, 0, , 1-13.	0.7	2

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#	Article	IF	CITATIONS
145	Locomotor illusions are generated by perceptual body-environment organization. PLoS ONE, 2021, 16, e0251562.	2.5	1
146	No correlations between the magnitude of visual illusions. Journal of Vision, 2015, 15, 1132.	0.3	1
147	Response mode specificity of perceptual learning. Journal of Vision, 2016, 16, 26.	0.3	1
148	Double training reduces motor response specificity. Journal of Vision, 2017, 17, 38.	0.3	1
149	Imagined paralysis reduces motor cortex excitability. Psychophysiology, 2022, 59, e14069.	2.4	1
150	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
151	Mit dem inneren Auge sehen – Wie hÃ ¤ gen Wahrnehmung und Vorstellung zusammen?. E-Neuroforum, 2005, 11, 80-87.	0.1	0
152	Visceromotor Sensation and Control. , 2013, , .		0
153	Spatial But Not Oculomotor Information Biases Perceptual Memory: Evidence From Face Perception and Cognitive Modeling. Cognitive Science, 2017, 41, 1533-1554.	1.7	0
154	Reinterpretation in visual imagery is possible without visual cues: a validation of previous research. Psychological Research, 2019, 83, 1237-1250.	1.7	0
155	Pictorial low-level features in mental images: evidence from eye fixations. Psychological Research, 2021, , 1.	1.7	0

156 Das Sichtbare nicht sehen — das Unsichtbare sehen. , 2006, , 127-140.