Ralph Weidner

List of Publications by Year
in descending order

56 papers	1,656 citations	304602 22 h-index	302012 39 g-index
60 all docs	60 docs citations	60 times ranked	1956 citing authors

#	Article	IF	Citations
1	Deconstructing the Architecture of Dorsal and Ventral Attention Systems with Dynamic Causal Modeling. Journal of Neuroscience, 2012, 32, 10637-10648.	1.7	172
2	A Fronto-Posterior Network Involved in Visual Dimension Changes. Journal of Cognitive Neuroscience, 2000, 12, 480-494.	1.1	113
3	Separating distractor rejection and target detection in posterior parietal cortexâ€"an event-related fMRI study of visual marking. NeuroImage, 2003, 18, 310-323.	2.1	112
4	Modulation of Top-Down Control of Visual Attention by Cathodal tDCS over Right IPS. Journal of Neuroscience, 2012, 32, 16360-16368.	1.7	94
5	Top-down Controlled Visual Dimension Weighting: An Event-related fMRI Study. Cerebral Cortex, 2002, 12, 318-328.	1.6	92
6	Visual extinction in relation to visuospatial neglect after right-hemispheric stroke: quantitative assessment and statistical lesion-symptom mapping. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 862-868.	0.9	82
7	What is â€œOddâ€•in Posner's Location-cueing Paradigm? Neural Responses to Unexpected Location and Feature Changes Compared. Journal of Cognitive Neuroscience, 2009, 21, 30-41.	1.1	75
8	The Neural Mechanisms Underlying the MÃ¼ller-Lyer Illusion And Its Interaction with Visuospatial Judgments. Cerebral Cortex, 2007, 17, 878-884.	1.6	72
9	Neural Mechanisms of Attentional Reorienting in Three-Dimensional Space. Journal of Neuroscience, 2012, 32, 13352-13362.	1.7	63
10	Differential roles of inferior frontal and inferior parietal cortex in task switching: Evidence from stimulusâ€categorization switching and responseâ€modality switching. Human Brain Mapping, 2013, 34, 1910-1920.	1.9	59
11	Sources of Topâ€"Down Control in Visual Search. Journal of Cognitive Neuroscience, 2009, 21, 2100-2113.	1.1	54
12	Neural Interaction between Spatial Domain and Spatial Reference Frame in Parietalâ€"Occipital Junction. Journal of Cognitive Neuroscience, 2012, 24, 2223-2236.	1.1	39
13	Selective and interactive neural correlates of visual dimension changes and response changes. NeuroImage, 2006, 30, 254-265.	2.1	37
14	Zooming In and Zooming Out of the Attentional Focus: An fMRI Study. Cerebral Cortex, 2009, 19, 805-819.	1.6	34
15	The Temporal Dynamics of the MÃ¼ller-Lyer Illusion. Cerebral Cortex, 2010, 20, 1586-1595.	1.6	33
16	Ventral and Dorsal Stream Interactions during the Perception of the MÃ¼ller-Lyer Illusion: Evidence Derived from fMRI and Dynamic Causal Modeling. Journal of Cognitive Neuroscience, 2012, 24, 2015-2029.	1.1	33
17	Visual Size Processing in Early Visual Cortex Follows Lateral Occipital Cortex Involvement. Journal of Neuroscience, 2020, 40, 4410-4417.	1.7	31
18	Neural correlates of visual dimension weighting. Visual Cognition, 2006, 14, 877-897.	0.9	30

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19	Spatiotopic Adaptation in Visual Areas. Journal of Neuroscience, 2016, 36, 9526-9534.	1.7	29
20	An fMRI study into emotional processing in Parkinsonâ€™s disease: Does increased medial prefrontal activation compensate for striatal dysfunction?. PLoS ONE, 2017, 12, e0177085.	1.1	29
21	The Neural Basis of Perceptual Hypothesis Generation and Testing. Journal of Cognitive Neuroscience, 2006, 18, 258-266.	1.1	26
22	Dynamic Coding of Events within the Inferior Frontal Gyrus in a Probabilistic Selective Attention Task. Journal of Cognitive Neuroscience, 2011, 23, 414-424.	1.1	25
23	Individual attentional selection capacities are reflected in interhemispheric connectivity of the parietal cortex. NeuroImage, 2016, 129, 148-158.	2.1	25
24	Selective Visual Dimension Weighting Deficit after Left Lateral Frontopolar Lesions. Journal of Cognitive Neuroscience, 2007, 19, 365-375.	1.1	22
25	The influence of stimulus duration on visual illusions and simple reaction time. Experimental Brain Research, 2012, 223, 367-375.	0.7	22
26	The Moon Illusion and Sizeâ€“Distance Scalingâ€”Evidence for Shared Neural Patterns. Journal of Cognitive Neuroscience, 2014, 26, 1871-1882.	1.1	22
27	Dimensional weighting of primary and secondary target-defining dimensions in visual search for singleton conjunction targets. Psychological Research, 2009, 73, 198-211.	1.0	21
28	Statistical Learning of Frequent Distractor Locations in Visual Search Involves Regional Signal Suppression in Early Visual Cortex. Cerebral Cortex, 2022, 32, 2729-2744.	1.6	18
29	Accuracy and precision of stimulus timing and reaction times with Unreal Engine and SteamVR. PLoS ONE, 2020, 15, e0231152.	1.1	15
30	Dimensional weighting in cross-dimensional singleton conjunction search. Journal of Vision, 2013, 13, 25-25.	0.1	14
31	Attention modulates visual size adaptation. Journal of Vision, 2015, 15, 10.	0.1	14
32	Selecting category specific visual information: Top-down and bottom-up control of object based attention. Consciousness and Cognition, 2015, 35, 330-341.	0.8	13
33	The Neural Basis of Perceptual Hypothesis Generation and Testing. Journal of Cognitive Neuroscience, 2006, 18, 258-266.	1.1	13
34	Neural mechanisms underlying freedom to choose an object. Human Brain Mapping, 2012, 33, 2686-2693.	1.9	12
35	Eliciting Dyslexic Symptoms in Proficient Readers by Simulating Deficits in Grapheme–toâ€Phoneme Conversion and Visuoâ€Magnocellular Processing. Dyslexia, 2011, 17, 268-281.	0.8	10
36	Rescaling Retinal Size into Perceived Size: Evidence for an Occipital and Parietal Bottleneck. Journal of Cognitive Neuroscience, 2015, 27, 1334-1343.	1.1	10

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37	The Role of Topâ€“Down Focused Spatial Attention in Preattentive Salience Coding and Salience-based Attentional Capture. Journal of Cognitive Neuroscience, 2016, 28, 1152-1165.	1.1	10
38	Feedback from lateral occipital cortex to <scp>V1</scp>/<scp>V2</scp> triggers object completion: Evidence from functional magnetic resonance imaging and dynamic causal modeling. Human Brain Mapping, 2021, 42, 5581-5594.	1.9	10
39	Neural correlates underlying the attentional spotlight in human parietal cortex independent of task difficulty. Human Brain Mapping, 2017, 38, 4996-5018.	1.9	9
40	Evaluating the Utility of EPIK in a Finger Tapping fMRI Experiment using BOLD Detection and Effective Connectivity. Scientific Reports, 2019, 9, 10978.	1.6	9
41	Tracking the completion of parts into whole objects: Retinotopic activation in response to illusory figures in the lateral occipital complex. NeuroImage, 2020, 207, 116426.	2.1	8
42	Spatiotopic updating of visual feature information. Journal of Vision, 2017, 17, 6.	0.1	6
43	Attentional reorientation along the meridians of the visual field: Are there different neural mechanisms at play?. Human Brain Mapping, 2020, 41, 3765-3780.	1.9	6
44	The transfer of a timing pattern to the untrained human hand investigated with functional magnetic resonance imaging. Neuroscience Letters, 2001, 301, 45-48.	1.0	5
45	The source of visual size adaptation. Journal of Vision, 2017, 17, 8.	0.1	5
46	The Simon Effect Based on Allocentric and Egocentric Reference Frame: Common and Specific Neural Correlates. Scientific Reports, 2019, 9, 13727.	1.6	5
47	Experimental induction of reading difficulties in normal readers provides novel insights into the neurofunctional mechanisms of visual word recognition. Brain Structure and Function, 2014, 219, 461-471.	1.2	4
48	Attentional capture: Role of top-down focused spatial attention and the need to search among multiple locations. Visual Cognition, 2017, 25, 326-342.	0.9	3
49	View Normalization of Object Size in the Right Parietal Cortex. Vision (Switzerland), 2022, 6, 41.	0.5	3
50	Combined expectancies: the role of expectations for the coding of salient bottom-up signals. Experimental Brain Research, 2020, 238, 381-393.	0.7	1
51	Motion extrapolation in the flash-lag effect depends on perceived, rather than physical speed. Vision Research, 2022, 193, 107978.	0.7	1
52	Information Exchange between Cortical Areas: The Visual System as a Model. Neuroscientist, 2023, 29, 370-384.	2.6	1
53	Simultaneous modeling of reaction times and brain dynamics in a spatial cueing task. Human Brain Mapping, 2022, 43, 1850-1867.	1.9	1
54	Wahrnehmung und Aufmerksamkeit. , 2013, , 301-317.		0

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55	Wahrnehmung und Aufmerksamkeit. , 2007, , 219-233.		0
56	Revealing Whole-Brain Causality Networks During Guided Visual Searching. Frontiers in Neuroscience, 2022, 16, 826083.	1.4	0