

Ralph Weidner

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Information Exchange between Cortical Areas: The Visual System as a Model. <i>Neuroscientist</i> , 2023, 29, 370-384. | 2.6 | 1 |
| 2 | Statistical Learning of Frequent Distractor Locations in Visual Search Involves Regional Signal Suppression in Early Visual Cortex. <i>Cerebral Cortex</i> , 2022, 32, 2729-2744. | 1.6 | 18 |
| 3 | Motion extrapolation in the flash-lag effect depends on perceived, rather than physical speed. <i>Vision Research</i> , 2022, 193, 107978. | 0.7 | 1 |
| 4 | Revealing Whole-Brain Causality Networks During Guided Visual Searching. <i>Frontiers in Neuroscience</i> , 2022, 16, 826083. | 1.4 | 0 |
| 5 | Simultaneous modeling of reaction times and brain dynamics in a spatial cueing task. <i>Human Brain Mapping</i> , 2022, 43, 1850-1867. | 1.9 | 1 |
| 6 | View Normalization of Object Size in the Right Parietal Cortex. <i>Vision (Switzerland)</i> , 2022, 6, 41. | 0.5 | 3 |
| 7 | Feedback from lateral occipital cortex to <sc>V1</sc>/<sc>V2</sc> triggers object completion: Evidence from functional magnetic resonance imaging and dynamic causal modeling. <i>Human Brain Mapping</i> , 2021, 42, 5581-5594. | 1.9 | 10 |
| 8 | Tracking the completion of parts into whole objects: Retinotopic activation in response to illusory figures in the lateral occipital complex. <i>NeuroImage</i> , 2020, 207, 116426. | 2.1 | 8 |
| 9 | Visual Size Processing in Early Visual Cortex Follows Lateral Occipital Cortex Involvement. <i>Journal of Neuroscience</i> , 2020, 40, 4410-4417. | 1.7 | 31 |
| 10 | Attentional reorientation along the meridians of the visual field: Are there different neural mechanisms at play?. <i>Human Brain Mapping</i> , 2020, 41, 3765-3780. | 1.9 | 6 |
| 11 | Combined expectancies: the role of expectations for the coding of salient bottom-up signals. <i>Experimental Brain Research</i> , 2020, 238, 381-393. | 0.7 | 1 |
| 12 | Accuracy and precision of stimulus timing and reaction times with Unreal Engine and SteamVR. <i>PLoS ONE</i> , 2020, 15, e0231152. | 1.1 | 15 |
| 13 | Evaluating the Utility of EPIK in a Finger Tapping fMRI Experiment using BOLD Detection and Effective Connectivity. <i>Scientific Reports</i> , 2019, 9, 10978. | 1.6 | 9 |
| 14 | The Simon Effect Based on Allocentric and Egocentric Reference Frame: Common and Specific Neural Correlates. <i>Scientific Reports</i> , 2019, 9, 13727. | 1.6 | 5 |
| 15 | Attentional capture: Role of top-down focused spatial attention and the need to search among multiple locations. <i>Visual Cognition</i> , 2017, 25, 326-342. | 0.9 | 3 |
| 16 | Neural correlates underlying the attentional spotlight in human parietal cortex independent of task difficulty. <i>Human Brain Mapping</i> , 2017, 38, 4996-5018. | 1.9 | 9 |
| 17 | The source of visual size adaptation. <i>Journal of Vision</i> , 2017, 17, 8. | 0.1 | 5 |
| 18 | Spatiotopic updating of visual feature information. <i>Journal of Vision</i> , 2017, 17, 6. | 0.1 | 6 |

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|----|---|-----|-----------|
| 19 | An fMRI study into emotional processing in Parkinson's disease: Does increased medial prefrontal activation compensate for striatal dysfunction?. PLoS ONE, 2017, 12, e0177085. | 1.1 | 29 |
| 20 | The Role of Top-Down Focused Spatial Attention in Preattentive Saliency Coding and Saliency-based Attentional Capture. Journal of Cognitive Neuroscience, 2016, 28, 1152-1165. | 1.1 | 10 |
| 21 | Spatiotopic Adaptation in Visual Areas. Journal of Neuroscience, 2016, 36, 9526-9534. | 1.7 | 29 |
| 22 | Individual attentional selection capacities are reflected in interhemispheric connectivity of the parietal cortex. NeuroImage, 2016, 129, 148-158. | 2.1 | 25 |
| 23 | Attention modulates visual size adaptation. Journal of Vision, 2015, 15, 10. | 0.1 | 14 |
| 24 | Rescaling Retinal Size into Perceived Size: Evidence for an Occipital and Parietal Bottleneck. Journal of Cognitive Neuroscience, 2015, 27, 1334-1343. | 1.1 | 10 |
| 25 | 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 |
| 26 | The Moon Illusion and Size-Distance Scaling Evidence for Shared Neural Patterns. Journal of Cognitive Neuroscience, 2014, 26, 1871-1882. | 1.1 | 22 |
| 27 | 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 |
| 28 | Differential roles of inferior frontal and inferior parietal cortex in task switching: Evidence from stimulus-categorization switching and response-modality switching. Human Brain Mapping, 2013, 34, 1910-1920. | 1.9 | 59 |
| 29 | Dimensional weighting in cross-dimensional singleton conjunction search. Journal of Vision, 2013, 13, 25-25. | 0.1 | 14 |
| 30 | Wahrnehmung und Aufmerksamkeit. , 2013, , 301-317. | | 0 |
| 31 | Ventral and Dorsal Stream Interactions during the Perception of the Müller-Lyer Illusion: Evidence Derived from fMRI and Dynamic Causal Modeling. Journal of Cognitive Neuroscience, 2012, 24, 2015-2029. | 1.1 | 33 |
| 32 | Neural Mechanisms of Attentional Reorienting in Three-Dimensional Space. Journal of Neuroscience, 2012, 32, 13352-13362. | 1.7 | 63 |
| 33 | Neural Interaction between Spatial Domain and Spatial Reference Frame in Parietal Occipital Junction. Journal of Cognitive Neuroscience, 2012, 24, 2223-2236. | 1.1 | 39 |
| 34 | Deconstructing the Architecture of Dorsal and Ventral Attention Systems with Dynamic Causal Modeling. Journal of Neuroscience, 2012, 32, 10637-10648. | 1.7 | 172 |
| 35 | Modulation of Top-Down Control of Visual Attention by Cathodal tDCS over Right IPS. Journal of Neuroscience, 2012, 32, 16360-16368. | 1.7 | 94 |
| 36 | The influence of stimulus duration on visual illusions and simple reaction time. Experimental Brain Research, 2012, 223, 367-375. | 0.7 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Neural mechanisms underlying freedom to choose an object. <i>Human Brain Mapping</i> , 2012, 33, 2686-2693. | 1.9 | 12 |
| 38 | Eliciting Dyslexic Symptoms in Proficient Readers by Simulating Deficits in Grapheme-to-Phoneme Conversion and Visuo-Magnocellular Processing. <i>Dyslexia</i> , 2011, 17, 268-281. | 0.8 | 10 |
| 39 | Visual extinction in relation to visuospatial neglect after right-hemispheric stroke: quantitative assessment and statistical lesion-symptom mapping. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 862-868. | 0.9 | 82 |
| 40 | Dynamic Coding of Events within the Inferior Frontal Gyrus in a Probabilistic Selective Attention Task. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 414-424. | 1.1 | 25 |
| 41 | The Temporal Dynamics of the Müller-Lyer Illusion. <i>Cerebral Cortex</i> , 2010, 20, 1586-1595. | 1.6 | 33 |
| 42 | Sources of Top-Down Control in Visual Search. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2100-2113. | 1.1 | 54 |
| 43 | What is "Odd" in Posner's Location-cueing Paradigm? Neural Responses to Unexpected Location and Feature Changes Compared. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 30-41. | 1.1 | 75 |
| 44 | Zooming In and Zooming Out of the Attentional Focus: An fMRI Study. <i>Cerebral Cortex</i> , 2009, 19, 805-819. | 1.6 | 34 |
| 45 | Dimensional weighting of primary and secondary target-defining dimensions in visual search for singleton conjunction targets. <i>Psychological Research</i> , 2009, 73, 198-211. | 1.0 | 21 |
| 46 | Selective Visual Dimension Weighting Deficit after Left Lateral Frontopolar Lesions. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 365-375. | 1.1 | 22 |
| 47 | The Neural Mechanisms Underlying the Müller-Lyer Illusion And Its Interaction with Visuospatial Judgments. <i>Cerebral Cortex</i> , 2007, 17, 878-884. | 1.6 | 72 |
| 48 | Wahrnehmung und Aufmerksamkeit. , 2007, , 219-233. | | 0 |
| 49 | Selective and interactive neural correlates of visual dimension changes and response changes. <i>NeuroImage</i> , 2006, 30, 254-265. | 2.1 | 37 |
| 50 | The Neural Basis of Perceptual Hypothesis Generation and Testing. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 258-266. | 1.1 | 26 |
| 51 | Neural correlates of visual dimension weighting. <i>Visual Cognition</i> , 2006, 14, 877-897. | 0.9 | 30 |
| 52 | The Neural Basis of Perceptual Hypothesis Generation and Testing. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 258-266. | 1.1 | 13 |
| 53 | Separating distractor rejection and target detection in posterior parietal cortex—an event-related fMRI study of visual marking. <i>NeuroImage</i> , 2003, 18, 310-323. | 2.1 | 112 |
| 54 | Top-down Controlled Visual Dimension Weighting: An Event-related fMRI Study. <i>Cerebral Cortex</i> , 2002, 12, 318-328. | 1.6 | 92 |

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|----|---|-----|-----------|
| 55 | The transfer of a timing pattern to the untrained human hand investigated with functional magnetic resonance imaging. <i>Neuroscience Letters</i> , 2001, 301, 45-48. | 1.0 | 5 |
| 56 | A Fronto-Posterior Network Involved in Visual Dimension Changes. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 480-494. | 1.1 | 113 |