

Michał, Wierzchoł,

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5911614/publications.pdf>

Version: 2024-02-01

47
papers

749
citations

687363

13
h-index

610901

24
g-index

55
all docs

55
docs citations

55
times ranked

583
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Simultaneous Eye Blink Characterization and Elimination From Low-Channel Prefrontal EEG Signals Enhances Driver Drowsiness Detection. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 1001-1012. | 6.3 | 37 |
| 2 | Consciousness Lab, Institute of Psychology, & Centre for Brain Research, Jagiellonian University. <i>Roczniki Psychologiczne</i> , 2022, , . | 0.1 | 0 |
| 3 | Consciousness Science Needs Some Rest: How to Use Resting-State Paradigm to Improve Theories and Measures of Consciousness. <i>Frontiers in Neuroscience</i> , 2022, 16, 836758. | 2.8 | 1 |
| 4 | Discrimination of Wakefulness From Sleep Stage I Using Nonlinear Features of a Single Frontal EEG Channel. <i>IEEE Sensors Journal</i> , 2022, 22, 6975-6984. | 4.7 | 10 |
| 5 | Sensory attenuation of action outcomes of varying amplitude and valence. <i>Consciousness and Cognition</i> , 2021, 87, 103058. | 1.5 | 5 |
| 6 | No validity without a theory – a critical look at subjective measures of consciousness. <i>Neuroscience of Consciousness</i> , 2021, 2021, niab009. | 2.6 | 3 |
| 7 | Comparing theories of consciousness: why it matters and how to do it. <i>Neuroscience of Consciousness</i> , 2021, 2021, niab019. | 2.6 | 24 |
| 8 | VME-DWT: An Efficient Algorithm for Detection and Elimination of Eye Blink From Short Segments of Single EEG Channel. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 408-417. | 4.9 | 40 |
| 9 | Investigating the validity of the Perceptual Awareness Scale – The effect of task-related difficulty on subjective rating. <i>Consciousness and Cognition</i> , 2021, 95, 103197. | 1.5 | 2 |
| 10 | Visual Echolocation Concept for the Colorophone Sensory Substitution Device Using Virtual Reality. <i>Sensors</i> , 2021, 21, 237. | 3.8 | 4 |
| 11 | Colorophone 2.0: A Wearable Color Sonification Device Generating Live Stereo-Soundscapes – Design, Implementation, and Usability Audit. <i>Sensors</i> , 2021, 21, 7351. | 3.8 | 6 |
| 12 | Comparing theories of consciousness: Object position, not probe modality, reliably influences experience and accuracy in object recognition tasks. <i>Consciousness and Cognition</i> , 2020, 84, 102990. | 1.5 | 4 |
| 13 | Transcranial Magnetic Stimulation-Induced Motor Cortex Activity Influences Visual Awareness Judgments. <i>Frontiers in Neuroscience</i> , 2020, 14, 580712. | 2.8 | 3 |
| 14 | Visual awareness judgments are sensitive to accuracy feedback in stimulus discrimination tasks. <i>Consciousness and Cognition</i> , 2020, 86, 103035. | 1.5 | 5 |
| 15 | Causal Inferences in Repetitive Transcranial Magnetic Stimulation Research: Challenges and Perspectives. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 586448. | 2.0 | 7 |
| 16 | The Confidence Database. <i>Nature Human Behaviour</i> , 2020, 4, 317-325. | 12.0 | 84 |
| 17 | In search of the optimal measure of awareness: Discrete or continuous?. <i>Consciousness and Cognition</i> , 2019, 75, 102798. | 1.5 | 3 |
| 18 | The role of levels of processing in disentangling the ERP signatures of conscious visual processing. <i>Consciousness and Cognition</i> , 2019, 73, 102767. | 1.5 | 27 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Motor response influences perceptual awareness judgements. <i>Consciousness and Cognition</i> , 2019, 75, 102804. | 1.5 | 13 |
| 20 | Bringing action into the picture. How action influences visual awareness. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 2171-2176. | 1.3 | 13 |
| 21 | VIRCO: A virtual reality tool for long-term training and evaluation of the cognitive skills development in an interactive sensory substitution environment. , 2019, , . | | 1 |
| 22 | Responses improve the accuracy of confidence judgements in memory tasks.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2019, 45, 712-723. | 0.9 | 11 |
| 23 | Implicit learning under attentional load. , 2019, , 232-251. | | 0 |
| 24 | Error-related cardiac response as information for visibility judgements. <i>Scientific Reports</i> , 2018, 8, 1131. | 3.3 | 20 |
| 25 | Shades of Awareness on the Mechanisms Underlying the Quality of Conscious Representations: A Commentary to Fazekas and Overgaard (). <i>Cognitive Science</i> , 2018, 42, 2095-2100. | 1.7 | 5 |
| 26 | Rubber Hand Illusion Increases Pain Caused by Electric Stimuli. <i>Journal of Pain</i> , 2018, 19, 35-45. | 1.4 | 9 |
| 27 | Dynamic Level Interaction Hypothesis " A New Perspective on Consciousness. , 2018, , 159-178. | | 0 |
| 28 | Unexpected action outcomes produce enhanced temporal binding but diminished judgement of agency. <i>Consciousness and Cognition</i> , 2018, 65, 310-324. | 1.5 | 21 |
| 29 | Guidelines for quantitative and qualitative studies of sensory substitution experience. <i>Adaptive Behavior</i> , 2018, 26, 111-127. | 1.9 | 6 |
| 30 | Neuronal Network and Awareness Measures of Post-Decision Wagering Behavior in Detecting Masked Emotional Faces. <i>Cognitive Computation</i> , 2017, 9, 457-467. | 5.2 | 3 |
| 31 | The neural basis of visual sensitivity investigated with anterior prefrontal TMS. <i>Brain Stimulation</i> , 2017, 10, 492. | 1.6 | 0 |
| 32 | Four-Dimensional Graded Consciousness. <i>Frontiers in Psychology</i> , 2017, 8, 420. | 2.1 | 13 |
| 33 | But I Was So Sure! Metacognitive Judgments Are Less Accurate Given Prospectively than Retrospectively. <i>Frontiers in Psychology</i> , 2016, 7, 218. | 2.1 | 71 |
| 34 | The level of subjective visibility at different stages of memory processing. <i>Journal of Cognitive Psychology</i> , 2016, 28, 965-976. | 0.9 | 4 |
| 35 | Post-Decision Wagering Affects Metacognitive Awareness of Emotional Stimuli: An Event Related Potential Study. <i>PLoS ONE</i> , 2016, 11, e0159516. | 2.5 | 7 |
| 36 | Does level of processing affect the transition from unconscious to conscious perception?. <i>Consciousness and Cognition</i> , 2015, 36, 1-11. | 1.5 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Rubber Hand Illusion Reduces Discomfort Caused by Cold Stimulus. PLoS ONE, 2014, 9, e109909. | 2.5 | 33 |
| 38 | When a (precise) awareness measure became a (sketchy) introspective report. Consciousness and Cognition, 2014, 26, 1-2. | 1.5 | 2 |
| 39 | Different subjective awareness measures demonstrate the influence of visual identification on perceptual awareness ratings. Consciousness and Cognition, 2014, 27, 109-120. | 1.5 | 70 |
| 40 | The perception of visual emotion: Comparing different measures of awareness. Consciousness and Cognition, 2013, 22, 212-220. | 1.5 | 50 |
| 41 | Subjective measures of consciousness in artificial grammar learning task. Consciousness and Cognition, 2012, 21, 1141-1153. | 1.5 | 60 |
| 42 | Manipulating attentional load in sequence learning through random number generation. Advances in Cognitive Psychology, 2012, 8, 179-95. | 0.5 | 10 |
| 43 | Manipulating attentional load in sequence learning through random number generation. Advances in Cognitive Psychology, 2012, 8, 179-195. | 0.5 | 10 |
| 44 | Is Extensive Attention Conscious? An Essey on Relationships Between Attention and Consciousness in the Context of Attention States Theory. Studia Psychologiczne, 2011, 49, . | 0.1 | 0 |
| 45 | How to estimate the randomness in random sequence generation tasks?. Polish Psychological Bulletin, 2008, 39, 42-46. | 0.3 | 7 |
| 46 | Designing Auditory Color Space for Color Sonification Systems. , 0, , . | | 0 |
| 47 | How to Teach a Visually Impaired Person to Hear Colours? Multidimensional Training for a Colour-to-Sound Sensory Substitution Device – Design and Evaluation. SSRN Electronic Journal, 0, , . | 0.4 | 0 |