

# Olaf Dimigen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3596168/publications.pdf>

Version: 2024-02-01

37  
papers

1,932  
citations

331670

21  
h-index

395702

33  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1581  
citing authors

| #  | ARTICLE                                                                                                                                                                                              | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Is there magnocellular facilitation of early neural processes underlying visual word recognition? Evidence from masked repetition priming with ERPs. <i>Neuropsychologia</i> , 2022, 170, 108230.    | 1.6 | 3         |
| 2  | Parafoveal words can modulate sentence meaning: Electrophysiological evidence from an <sc>RSVP</sc>â€withâ€flanker task. <i>Psychophysiology</i> , 2022, 59, e14053.                                 | 2.4 | 6         |
| 3  | Regression-based analysis of combined EEG and eye-tracking data: Theory and applications. <i>Journal of Vision</i> , 2021, 21, 3.                                                                    | 0.3 | 62        |
| 4  | Fixation-related potentials in total darkness. <i>Journal of Vision</i> , 2021, 21, 2931.                                                                                                            | 0.3 | 2         |
| 5  | Fixation-related EEG signatures of memory encoding of real-world scenes. <i>Journal of Vision</i> , 2021, 21, 1957.                                                                                  | 0.3 | 0         |
| 6  | Optimizing the ICA-based removal of ocular EEG artifacts from free viewing experiments. <i>NeuroImage</i> , 2020, 207, 116117.                                                                       | 4.2 | 123       |
| 7  | Fixation-related Brain Potentials during Semantic Integration of Objectâ€Scene Information. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 571-589.                                            | 2.3 | 47        |
| 8  | Eye contact in active and passive viewing: Event-related brain potential evidence from a combined eye tracking and EEG study. <i>Neuropsychologia</i> , 2020, 143, 107478.                           | 1.6 | 13        |
| 9  | Post-Saccadic Face Processing Is Modulated by Pre-Saccadic Preview: Evidence from Fixation-Related Potentials. <i>Journal of Neuroscience</i> , 2020, 40, 2305-2313.                                 | 3.6 | 33        |
| 10 | The peripheral preview effect with faces: Combined EEG and eye-tracking suggests multiple stages of trans-saccadic predictive and non-predictive processing. <i>NeuroImage</i> , 2019, 200, 344-362. | 4.2 | 30        |
| 11 | Large lateralized EDANâ€like brain potentials in a gazeâ€shift detection task. <i>Psychophysiology</i> , 2019, 56, e13361.                                                                           | 2.4 | 1         |
| 12 | Unfold: an integrated toolbox for overlap correction, non-linear modeling, and regression-based EEG analysis. <i>PeerJ</i> , 2019, 7, e7838.                                                         | 2.0 | 101       |
| 13 | The fixation-related N400 during natural scene viewing: Investigating the foveal vs. extrafoveal processing of object semantics. <i>Journal of Vision</i> , 2019, 19, 149c.                          | 0.3 | 0         |
| 14 | How microsaccades relate to lateralized ERP components of spatial attention: A co-registration study. <i>Neuropsychologia</i> , 2017, 99, 64-80.                                                     | 1.6 | 26        |
| 15 | Lateralization of posterior alpha EEG reflects the distribution of spatial attention during saccadic reading. <i>Psychophysiology</i> , 2017, 54, 809-823.                                           | 2.4 | 21        |
| 16 | Neural Correlates of Word Recognition: A Systematic Comparison of Natural Reading and Rapid Serial Visual Presentation. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1374-1391.              | 2.3 | 59        |
| 17 | Dissociating parafoveal preview benefit and parafoveaâ€onâ€fovea effects during reading: A combined eye tracking and EEG study. <i>Psychophysiology</i> , 2016, 53, 1784-1798.                       | 2.4 | 45        |
| 18 | Reading training by means of disappearing text: effects on reading performance and eye movements. <i>Reading and Writing</i> , 2016, 29, 1245-1268.                                                  | 1.7 | 5         |

| #  | ARTICLE                                                                                                                                                                           | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Parafoveal processing in reading Chinese sentences: Evidence from event-related brain potentials. Psychophysiology, 2015, 52, 1361-1374.                                          | 2.4 | 44        |
| 20 | Are Individual Differences in Reading Speed Related to Extrafoveal Visual Acuity and Crowding?. PLoS ONE, 2015, 10, e0121986.                                                     | 2.5 | 15        |
| 21 | Ad-hoc and context-dependent adjustments of selective attention in conflict control: An ERP study with visual probes. NeuroImage, 2015, 107, 76-84.                               | 4.2 | 24        |
| 22 | Microsaccade-related brain potentials signal the focus of visuospatial attention. NeuroImage, 2015, 104, 79-88.                                                                   | 4.2 | 41        |
| 23 | Parafoveal preview effects in alphabetic languages and Chinese: Evidence from ERP/eye movement coregistration. International Journal of Psychophysiology, 2014, 94, 178-179.      | 1.0 | 1         |
| 24 | Oculomotor Control, Brain Potentials, and Timelines of Word Recognition During Natural Reading. , 2014,, 141-155.                                                                 |     | 6         |
| 25 | A model of microsaccade-related neural responses induced by short-term depression in thalamocortical synapses. Frontiers in Computational Neuroscience, 2013, 7, 47.              | 2.1 | 5         |
| 26 | Trans-saccadic parafoveal preview benefits in fluent reading: A study with fixation-related brain potentials. NeuroImage, 2012, 62, 381-393.                                      | 4.2 | 115       |
| 27 | Order Patterns Networks (ORPAN)â€”a method to estimate time-evolving functional connectivity from multivariate time series. Frontiers in Computational Neuroscience, 2012, 6, 91. | 2.1 | 3         |
| 28 | Stimulus onset asynchrony and the timeline of word recognition: Event-related potentials during sentence reading. Neuropsychologia, 2012, 50, 1852-1870.                          | 1.6 | 56        |
| 29 | Eye movements and brain electric potentials during reading. Psychological Research, 2012, 76, 145-158.                                                                            | 1.7 | 51        |
| 30 | Functional network analysis reveals differences in the semantic priming task. Journal of Neuroscience Methods, 2011, 197, 333-339.                                                | 2.5 | 23        |
| 31 | Coregistration of eye movements and EEG in natural reading: Analyses and review.. Journal of Experimental Psychology: General, 2011, 140, 552-572.                                | 2.1 | 420       |
| 32 | Emotions in cognitive conflicts are not aversive but are task specific. Cognitive, Affective and Behavioral Neuroscience, 2010, 10, 349-356.                                      | 2.0 | 37        |
| 33 | Microsaccadic inhibition and P300 enhancement in a visual oddball task. Psychophysiology, 2009, 46, 635-644.                                                                      | 2.4 | 25        |
| 34 | Confidence bounds of recurrence-based complexity measures. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 2245-2250.                             | 2.1 | 46        |
| 35 | Human Microsaccade-Related Visual Brain Responses. Journal of Neuroscience, 2009, 29, 12321-12331.                                                                                | 3.6 | 153       |
| 36 | Selection of recurrence threshold for signal detection. European Physical Journal: Special Topics, 2008, 164, 45-53.                                                              | 2.6 | 194       |

| #  | ARTICLE                                                                                                    | IF  | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Interaction of facial expressions and familiarity: ERP evidence. Biological Psychology, 2008, 77, 138-149. | 2.2 | 64        |