

# Joachim Lange

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9513986/publications.pdf>

Version: 2024-02-01

27  
papers

1,189  
citations

567281

15  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1359  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A Model of Biological Motion Perception from Configural Form Cues. <i>Journal of Neuroscience</i> , 2006, 26, 2894-2906.  | 3.6 | 207       |
| 2  | Reduced Occipital Alpha Power Indexes Enhanced Excitability Rather than Improved Visual Perception. <i>Journal of Neuroscience</i> , 2013, 33, 3212-3220.   | 3.6 | 184       |
| 3  | Beta oscillations define discrete perceptual cycles in the somatosensory domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12187-12192.                   | 7.1 | 103       |
| 4  | Visual perception of biological motion by form: A template-matching analysis. <i>Journal of Vision</i> , 2006, 6, 6.  | 0.3 | 83        |
| 5  | Prestimulus Alpha Power Influences Tactile Temporal Perceptual Discrimination and Confidence in Decisions. <i>Cerebral Cortex</i> , 2016, 26, 891-903.  | 2.9 | 78        |
| 6  | The role of alpha oscillations for illusory perception. <i>Behavioural Brain Research</i> , 2014, 271, 294-301.   | 2.2 | 77        |
| 7  | Fluctuations of Prestimulus Oscillatory Power Predict Subjective Perception of Tactile Simultaneity. <i>Cerebral Cortex</i> , 2012, 22, 2564-2574.  | 2.9 | 63        |
| 8  | Beta Peak Frequencies at Rest Correlate with Endogenous GABA+/Cr Concentrations in Sensorimotor Cortex Areas. <i>PLoS ONE</i> , 2016, 11, e0156829.   | 2.5 | 52        |
| 9  | The role of spatial and temporal information in biological motion perception. <i>Advances in Cognitive Psychology</i> , 2007, 3, 419-428.   | 0.5 | 49        |
| 10 | Perception of the touch-induced visual double-flash illusion correlates with changes of rhythmic neuronal activity in human visual and somatosensory areas. <i>NeuroImage</i> , 2011, 54, 1395-1405.                | 4.2 | 40        |
| 11 | Impairments of Biological Motion Perception in Congenital Prosopagnosia. <i>PLoS ONE</i> , 2009, 4, e7414.  | 2.5 | 35        |
| 12 | Audio-visual congruency alters power and coherence of oscillatory activity within and between cortical areas. <i>NeuroImage</i> , 2013, 79, 111-120.  | 4.2 | 29        |
| 13 | Event-related desynchronization of mu and beta oscillations during the processing of novel tool names. <i>Brain and Language</i> , 2018, 177-178, 44-55.  | 1.6 | 22        |
| 14 | Connecting occipital alpha band peak frequency, visual temporal resolution, and occipital GABA levels in healthy participants and hepatic encephalopathy patients. <i>NeuroImage: Clinical</i> , 2018, 20, 347-356. | 2.7 | 20        |
| 15 | Subliminal stimuli modulate somatosensory perception rhythmically and provide evidence for discrete perception. <i>Scientific Reports</i> , 2017, 7, 43937.   | 3.3 | 19        |
| 16 | Beta oscillations and their functional role in movement perception. <i>Translational Neuroscience</i> , 2014, 5, .  | 1.4 | 16        |
| 17 | Distinct spatio-temporal profiles of beta-oscillations within visual and sensorimotor areas during action recognition as revealed by MEG. <i>Cortex</i> , 2014, 54, 106-116.  | 2.4 | 16        |
| 18 | Lateralized modulation of beta-band power in sensorimotor areas during action observation. <i>Frontiers in Integrative Neuroscience</i> , 2015, 9, 43.  | 2.1 | 16        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Beyond the Peak – Tactile Temporal Discrimination Does Not Correlate with Individual Peak Frequencies in Somatosensory Cortex. <i>Frontiers in Psychology</i> , 2017, 8, 421.                                      | 2.1 | 16        |
| 20 | Interactions between visual and motor areas during the recognition of plausible actions as revealed by magnetoencephalography. <i>Human Brain Mapping</i> , 2014, 35, 581-592.                                     | 3.6 | 15        |
| 21 | 10 Hz tACS Over Somatosensory Cortex Does Not Modulate Supra-Threshold Tactile Temporal Discrimination in Humans. <i>Frontiers in Neuroscience</i> , 2019, 13, 311.  | 2.8 | 14        |
| 22 | Impaired perception of human movements in Parkinson’s disease. <i>Behavioural Brain Research</i> , 2017, 317, 88-94.   | 2.2 | 12        |
| 23 | Rapid temporal recalibration to visuo-tactile stimuli. <i>Experimental Brain Research</i> , 2018, 236, 347-354.  | 1.5 | 10        |
| 24 | U-shaped Relation between Prestimulus Alpha-band and Poststimulus Gamma-band Power in Temporal Tactile Perception in the Human Somatosensory Cortex. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 552-564. | 2.3 | 7         |
| 25 | Impaired Tactile Temporal Discrimination in Patients With Hepatic Encephalopathy. <i>Frontiers in Psychology</i> , 2018, 9, 2059.  | 2.1 | 5         |
| 26 | Human movements do not look the same in a tilted world: Gravitational constraints influence the perception of biological motion. <i>European Journal of Neuroscience</i> , 2022, 55, 800-805.                      | 2.6 | 1         |
| 27 | Dynamic Form Templates Determine Sensitivity to Biological Motion. , 2011, , 409-413.  |     | 0         |