

Jorrit S Montijn

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Population-Level Neural Codes Are Robust to Single-Neuron Variability from a Multidimensional Coding Perspective. <i>Cell Reports</i> , 2016, 16, 2486-2498. | 6.4 | 94 |
| 2 | Population coding in mouse visual cortex: response reliability and dissociability of stimulus tuning and noise correlation. <i>Frontiers in Computational Neuroscience</i> , 2014, 8, 58. | 2.1 | 67 |
| 3 | Audiovisual Modulation in Mouse Primary Visual Cortex Depends on Cross-Modal Stimulus Configuration and Congruency. <i>Journal of Neuroscience</i> , 2017, 37, 8783-8796. | 3.6 | 65 |
| 4 | Effects of Isoflurane Anesthesia on Ensemble Patterns of Ca ²⁺ Activity in Mouse V1: Reduced Direction Selectivity Independent of Increased Correlations in Cellular Activity. <i>PLoS ONE</i> , 2015, 10, e0118277. | 2.5 | 55 |
| 5 | Crossmodal duration perception involves perceptual grouping, temporal ventriloquism, and variable internal clock rates. <i>Attention, Perception, and Psychophysics</i> , 2011, 73, 219-236. | 1.3 | 40 |
| 6 | Mouse V1 population correlates of visual detection rely on heterogeneity within neuronal response patterns. <i>ELife</i> , 2015, 4, e10163. | 6.0 | 40 |
| 7 | Activity in Lateral Visual Areas Contributes to Surround Suppression in Awake Mouse V1. <i>Current Biology</i> , 2019, 29, 4268-4275.e7. | 3.9 | 33 |
| 8 | Neural Correlates of Multisensory Detection Behavior: Comparison of Primary and Higher-Order Visual Cortex. <i>Cell Reports</i> , 2020, 31, 107636. | 6.4 | 22 |
| 9 | Visual Stimulus Detection Correlates with the Consistency of Temporal Sequences within Stereotyped Events of V1 Neuronal Population Activity. <i>Journal of Neuroscience</i> , 2016, 36, 8624-8640. | 3.6 | 21 |
| 10 | Multisensory task demands temporally extend the causal requirement for visual cortex in perception. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 12 |