

Lucas Theis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11520946/publications.pdf>

Version: 2024-02-01

5
papers

358
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

549
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Benchmarking Spike Rate Inference in Population Calcium Imaging. <i>Neuron</i> , 2016, 90, 471-482. | 8.1 | 154 |
| 2 | Community-based benchmarking improves spike rate inference from two-photon calcium imaging data. <i>PLoS Computational Biology</i> , 2018, 14, e1006157. | 3.2 | 118 |
| 3 | Beyond GLMs: A Generative Mixture Modeling Approach to Neural System Identification. <i>PLoS Computational Biology</i> , 2013, 9, e1003356. | 3.2 | 36 |
| 4 | Functional analysis of ultra high information rates conveyed by rat vibrissal primary afferents. <i>Frontiers in Neural Circuits</i> , 2013, 7, 190. | 2.8 | 35 |
| 5 | Mixtures of Conditional Gaussian Scale Mixtures Applied to Multiscale Image Representations. <i>PLoS ONE</i> , 2012, 7, e39857. | 2.5 | 15 |