

# 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

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2053705

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5  
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docs citations

5  
times ranked

549  
citing authors

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