

# Niek Welkenhuysen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/162706/publications.pdf>

Version: 2024-02-01

7  
papers

149  
citations

1684188

5  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

215  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Molecular communication: crosstalk between the Snf1 and other signaling pathways. FEMS Yeast Research, 2015, 15, fov026.   | 2.3 | 59        |
| 2 | Systems Level Analysis of the Yeast Osmo-Stat. Scientific Reports, 2016, 6, 30950.   | 3.3 | 26        |
| 3 | Single-cell study links metabolism with nutrient signaling and reveals sources of variability. BMC Systems Biology, 2017, 11, 59.  | 3.0 | 22        |
| 4 | Network reconstruction and validation of the Snf1/AMPK pathway in baker's yeast based on a comprehensive literature review. Npj Systems Biology and Applications, 2015, 1, 15007.    | 3.0 | 20        |
| 5 | Scalable and flexible inference framework for stochastic dynamic single-cell models. PLoS Computational Biology, 2022, 18, e1010082.   | 3.2 | 10        |
| 6 | Mig1 localization exhibits biphasic behavior which is controlled by both metabolic and regulatory roles of the sugar kinases. Molecular Genetics and Genomics, 2020, 295, 1489-1500. | 2.1 | 7         |
| 7 | Applying Microfluidic Systems to Study Effects of Glucose at Single-Cell Level. Methods in Molecular Biology, 2018, 1713, 109-121.   | 0.9 | 4         |