

Iftach Nachman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4629835/publications.pdf>

Version: 2024-02-01

24
papers

3,883
citations

687363

13
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

4087
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Using Bayesian Networks to Analyze Expression Data. <i>Journal of Computational Biology</i> , 2000, 7, 601-620. | 1.6 | 2,653 |
| 2 | Tissue Classification with Gene Expression Profiles. <i>Journal of Computational Biology</i> , 2000, 7, 559-583. | 1.6 | 623 |
| 3 | Dynamic single-cell imaging of direct reprogramming reveals an early specifying event. <i>Nature Biotechnology</i> , 2010, 28, 521-526. | 17.5 | 201 |
| 4 | Dissecting Timing Variability in Yeast Meiosis. <i>Cell</i> , 2007, 131, 544-556. | 28.9 | 131 |
| 5 | Event timing at the single-cell level. <i>Briefings in Functional Genomics</i> , 2013, 12, 90-98. | 2.7 | 33 |
| 6 | Aggregation of PolyQ Proteins Is Increased upon Yeast Aging and Affected by Sir2 and Hsf1: Novel Quantitative Biochemical and Microscopic Assays. <i>PLoS ONE</i> , 2012, 7, e44785. | 2.5 | 30 |
| 7 | Sculpting with stem cells: how models of embryo development take shape. <i>Development (Cambridge)</i> , 2021, 148, . | 2.5 | 28 |
| 8 | Prediction and control of symmetry breaking in embryoid bodies by environment and signal integration. <i>Development (Cambridge)</i> , 2019, 146, . | 2.5 | 25 |
| 9 | Bifunctional Carbon ² Nanorods for Photothermal Therapy and Cell Imaging. <i>Chemistry - A European Journal</i> , 2017, 23, 963-969. | 3.3 | 22 |
| 10 | Epigenetic predisposition to reprogramming fates in somatic cells. <i>EMBO Reports</i> , 2015, 16, 370-378. | 4.5 | 21 |
| 11 | Integrated live imaging and molecular profiling of embryoid bodies reveals a synchronized progression of early differentiation. <i>Scientific Reports</i> , 2016, 6, 31623. | 3.3 | 21 |
| 12 | Tungsten disulfide-based nanocomposites for photothermal therapy. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 811-822. | 2.8 | 17 |
| 13 | Expression of <i>Pseudomonas syringae</i> type III effectors in yeast under stress conditions reveals that HopX1 attenuates activation of the high osmolarity glycerol MAP kinase pathway. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2859-2869. | 1.8 | 16 |
| 14 | Water-Transfer Slows Aging in <i>Saccharomyces cerevisiae</i> . <i>PLoS ONE</i> , 2016, 11, e0148650. | 2.5 | 11 |
| 15 | Control of Relative Timing and Stoichiometry by a Master Regulator. <i>PLoS ONE</i> , 2015, 10, e0127339. | 2.5 | 11 |
| 16 | Evolthon: A community endeavor to evolve lab evolution. <i>PLoS Biology</i> , 2019, 17, e3000182. | 5.6 | 10 |
| 17 | Emergence and patterning dynamics of mouse-definitive endoderm. <i>IScience</i> , 2022, 25, 103556. | 4.1 | 9 |
| 18 | Remodeling Membrane Binding by Mono-Ubiquitylation. <i>Biomolecules</i> , 2019, 9, 325. | 4.0 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | BRNI: Modular analysis of transcriptional regulatory programs. BMC Bioinformatics, 2009, 10, 155. | 2.6 | 6 |
| 20 | Building Blastocysts from Stem Cells. Stem Cell Reports, 2019, 13, 437-439. | 4.8 | 3 |
| 21 | Differential regulation of OCT4 targets facilitates reacquisition of pluripotency. Nature Communications, 2019, 10, 4444. | 12.8 | 2 |
| 22 | HIV-1 positive feedback and lytic fate. Nature Genetics, 2008, 40, 382-383. | 21.4 | 1 |
| 23 | A Microfluidic Device for Studying Multiple Distinct Strains. Journal of Visualized Experiments, 2012, , . | 0.3 | 1 |
| 24 | Innovative functional polymerization of pyrrole-N-propionic acid onto WS2 nanotubes using cerium-doped maghemite nanoparticles for photothermal therapy. Scientific Reports, 2021, 11, 18883. | 3.3 | 1 |