

# Hock Chuan Yeo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/378390/publications.pdf>

Version: 2024-02-01

10  
papers

2,529  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

5174  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Integration of External Signaling Pathways with the Core Transcriptional Network in Embryonic Stem Cells. <i>Cell</i> , 2008, 133, 1106-1117.  | 28.9 | 2,279     |
| 2  | Mammalian Systems Biotechnology Reveals Global Cellular Adaptations in a Recombinant CHO Cell Line. <i>Cell Systems</i> , 2017, 4, 530-542.e6.   | 6.2  | 84        |
| 3  | Enzyme capacity-based genome scale modelling of CHO cells. <i>Metabolic Engineering</i> , 2020, 60, 138-147.   | 7.0  | 51        |
| 4  | Mechanistic elements and critical factors of cellular reprogramming revealed by stepwise global gene expression analyses. <i>Stem Cell Research</i> , 2014, 12, 730-741.   | 0.7  | 50        |
| 5  | Integrated Transcriptome and Binding Sites Analysis Implicates E2F in the Regulation of Self-Renewal in Human Pluripotent Stem Cells. <i>PLoS ONE</i> , 2011, 6, e27231.   | 2.5  | 21        |
| 6  | Patterns of cis-element enrichment reveal potential regulatory modules involved in the transcriptional regulation of anoxia response of japonica rice. <i>Gene</i> , 2012, 511, 235-242.                                     | 2.2  | 20        |
| 7  | In silico model-based characterization of metabolic response to harsh sparging stress in fed-batch CHO cell cultures. <i>Journal of Biotechnology</i> , 2020, 308, 10-20.  | 3.8  | 10        |
| 8  | Combined multivariate statistical and flux balance analyses uncover media bottlenecks to the growth and productivity of Chinese hamster ovary cell cultures. <i>Biotechnology and Bioengineering</i> , 2022, 119, 1740-1754. | 3.3  | 7         |
| 9  | Inferring Transcription Factor Targets from Gene Expression Changes and Predicted Promoter Occupancy. <i>Journal of Computational Biology</i> , 2009, 16, 357-368.   | 1.6  | 4         |
| 10 | Inferring Direct Regulatory Targets of a Transcription Factor in the DREAM2 Challenge. <i>Annals of the New York Academy of Sciences</i> , 2009, 1158, 215-223.  | 3.8  | 3         |