

# Olivier Borkowski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1661539/publications.pdf>

Version: 2024-02-01

11  
papers

849  
citations

1163065

8  
h-index

1474186

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

987  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Burden-driven feedback control of gene expression. <i>Nature Methods</i> , 2018, 15, 387-393.   | 19.0 | 281       |
| 2  | Overloaded and stressed: whole-cell considerations for bacterial synthetic biology. <i>Current Opinion in Microbiology</i> , 2016, 33, 123-130.                           | 5.1  | 203       |
| 3  | Cell-free prediction of protein expression costs for growing cells. <i>Nature Communications</i> , 2018, 9, 1457.   | 12.8 | 85        |
| 4  | Custom-made transcriptional biosensors for metabolic engineering. <i>Current Opinion in Biotechnology</i> , 2019, 59, 78-84.  | 6.6  | 72        |
| 5  | Large scale active-learning-guided exploration for in vitro protein production optimization. <i>Nature Communications</i> , 2020, 11, 1872.                               | 12.8 | 70        |
| 6  | Translation elicits a growth rate-dependent, genome-wide, differential protein production in <i>Bacillus subtilis</i> . <i>Molecular Systems Biology</i> , 2016, 12, 870. | 7.2  | 56        |
| 7  | Optimizing Cell-Free Biosensors to Monitor Enzymatic Production. <i>ACS Synthetic Biology</i> , 2019, 8, 1952-1957.   | 3.8  | 37        |
| 8  | Models for Cell-Free Synthetic Biology: Make Prototyping Easier, Better, and Faster. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 182.                 | 4.1  | 33        |
| 9  | On the record with <i>E. coli</i> DNA. <i>Science</i> , 2016, 353, 444-445.   | 12.6 | 6         |
| 10 | Synthetic Biology at the Hand of Cell-Free Systems. , 2020, , 275-288.  |      | 1         |
| 11 | Advances and applications of cell-free systems for metabolic production. , 2021, , 407-420.   |      | 0         |