

# Subhayu Basu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11353599/publications.pdf>

Version: 2024-02-01

5  
papers

2,628  
citations

1684188

5  
h-index

2053705

5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

2578  
citing authors

| # | ARTICLE  | IF   | CITATIONS |
|---|--|------|-----------|
| 1 | A synthetic multicellular system for programmed pattern formation. <i>Nature</i> , 2005, 434, 1130-1134.   | 27.8 | 1,197     |
| 2 | Synthetic biology: new engineering rules for an emerging discipline. <i>Molecular Systems Biology</i> , 2006, 2, 2006.0028.  | 7.2  | 820       |
| 3 | Spatiotemporal control of gene expression with pulse-generating networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6355-6360. | 7.1  | 433       |
| 4 | Genetic circuit building blocks for cellular computation, communications, and signal processing. <i>Natural Computing</i> , 2003, 2, 47-84.  | 3.0  | 165       |
| 5 | Engineering signal processing in cells: Towards molecular concentration band detection. <i>Natural Computing</i> , 2003, 2, 463-478.   | 3.0  | 13        |