

# Robert Austin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11884008/publications.pdf>

Version: 2024-02-01

7  
papers

698  
citations

1684188  
5  
h-index

1720034  
7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

829  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | A Wall of Funnels Concentrates Swimming Bacteria. <i>Journal of Bacteriology</i> , 2007, 189, 8704-8707.   | 2.2 | 350       |
| 2 | Influence of topology on bacterial social interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13910-13915.                                    | 7.1 | 176       |
| 3 | Bending and twisting dynamics of short linear DNAs. Analysis of the triplet anisotropy decay of a 209 base pair fragment by Brownian simulation. <i>Journal of Chemical Physics</i> , 1989, 90, 3843-3854. | 3.0 | 113       |
| 4 | Funnel ratchets in biology at low Reynolds number: choanotaxis. <i>Journal of Modern Optics</i> , 2008, 55, 3413-3422.   | 1.3 | 33        |
| 5 | Physics of biofilms: the initial stages of biofilm formation and dynamics. <i>New Journal of Physics</i> , 2014, 16, 045005.   | 2.9 | 17        |
| 6 | Cancer dormancy and criticality from a game theory perspective. <i>Cancer Convergence</i> , 2018, 2, 1.  | 8.0 | 6         |
| 7 | Game Theory Cancer Models of Cancer Cell-Stromal Cell Dynamics using Interacting Particle Systems. <i>Biophysical Reviews and Letters</i> , 2020, 15, 171-193.   | 0.8 | 3         |