

# Mykhailo Potomkin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4211125/publications.pdf>

Version: 2024-02-01

7  
papers

74  
citations

1937685

4  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

96  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Self-Propulsion and Shear Flow Align Active Particles in Nozzles and Channels. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000178.    | 6.1 | 9         |
| 2 | Surface anchoring controls orientation of a microswimmer in nematic liquid crystal. <i>Communications Physics</i> , 2020, 3, .            | 5.3 | 14        |
| 3 | Continuum Approximations to Systems of Correlated Interacting Particles. <i>Journal of Statistical Physics</i> , 2019, 174, 808-829.      | 1.2 | 3         |
| 4 | Fight the flow: the role of shear in artificial rheotaxis for individual and collective motion. <i>Nanoscale</i> , 2019, 11, 10944-10951. | 5.6 | 32        |
| 5 | Focusing of active particles in a converging flow. <i>New Journal of Physics</i> , 2017, 19, 115005.                                      | 2.9 | 13        |
| 6 | Effective Rheological Properties in Semi-dilute Bacterial Suspensions. <i>Bulletin of Mathematical Biology</i> , 2016, 78, 580-615.       | 1.9 | 2         |
| 7 | Self-sustained three-dimensional beating of a model eukaryotic flagellum. <i>Soft Matter</i> , 0, , .                                     | 2.7 | 1         |