

Naomi Oppenheimer

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

279
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

291
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Hyperuniformity and phase enrichment in vortex and rotor assemblies. Nature Communications, 2022, 13, 804. | 12.8 | 14 |
| 2 | Vortex flows and streamline topology in curved biological membranes. Physics of Fluids, 2021, 33, . | 4.0 | 3 |
| 3 | Rotating Membrane Inclusions Crystallize Through Hydrodynamic and Steric Interactions. Physical Review Letters, 2019, 123, 148101. | 7.8 | 32 |
| 4 | Membrane-induced hydroelastic migration of a particle surfing its own wave. Nature Physics, 2018, 14, 1211-1215. | 16.7 | 39 |
| 5 | Effect of Hydrodynamic Interactions on Reaction Rates in Membranes. Biophysical Journal, 2017, 113, 440-447. | 0.5 | 6 |
| 6 | Shapeable sheet without plastic deformation. Physical Review E, 2015, 92, 052401. | 2.1 | 13 |
| 7 | Why Do Sleeping Nematodes Adopt a Hockey-Stick-Like Posture?. PLoS ONE, 2014, 9, e101162. | 2.5 | 22 |
| 8 | In-Plane Dynamics of Membranes with Immobile Inclusions. Physical Review Letters, 2011, 107, 258102. | 7.8 | 34 |
| 9 | Correlated dynamics of inclusions in a supported membrane. Physical Review E, 2010, 82, 041912. | 2.1 | 43 |
| 10 | Correlated Diffusion of Membrane Proteins and Their Effect on Membrane Viscosity. Biophysical Journal, 2009, 96, 3041-3049. | 0.5 | 73 |