

ClÃ©ment Moreau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6490345/publications.pdf>

Version: 2024-02-01

11
papers

109
citations

1477746

6
h-index

1372195

10
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11
all docs

11
docs citations

11
times ranked

57
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effects of rapid yawing on simple swimmer models and planar Jeffery's orbits. <i>Physical Review Fluids</i> , 2022, 7, . | 1.0 | 6 |
| 2 | Canonical orbits for rapidly deforming planar microswimmers in shear flow. <i>Physical Review Fluids</i> , 2022, 7, . | 1.0 | 7 |
| 3 | The control of particles in the Stokes limit. <i>Journal of Fluid Mechanics</i> , 2022, 942, . | 1.4 | 4 |
| 4 | Emergent rheotaxis of shape-changing swimmers in Poiseuille flow. <i>Journal of Fluid Mechanics</i> , 2022, 944, . | 1.4 | 9 |
| 5 | Self-organized swimming with odd elasticity. <i>Physical Review E</i> , 2022, 105, . | 0.8 | 16 |
| 6 | Control and controllability of microswimmers by a shearing flow. <i>Royal Society Open Science</i> , 2021, 8, 211141. | 1.1 | 9 |
| 7 | Driving a Microswimmer with Wall-Induced Flow. <i>Micromachines</i> , 2021, 12, 1025. | 1.4 | 7 |
| 8 | State-constrained controllability of linear reaction-diffusion systems. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2021, 27, 70. | 0.7 | 4 |
| 9 | Local Controllability of a Magnetized Purcell's Swimmer. , 2019, 3, 637-642. | | 9 |
| 10 | Addendum to "Local Controllability of the Two-Link Magneto-Elastic Microswimmer". <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 2303-2305. | 3.6 | 6 |
| 11 | The asymptotic coarse-graining formulation of slender-rods, bio-filaments and flagella. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180235. | 1.5 | 32 |