

Simon A Berman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6826063/publications.pdf>

Version: 2024-02-01

8

papers

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citations

2258059

3

h-index

1720034

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all docs

8

docs citations

8

times ranked

32

citing authors

#	ARTICLE	IF	CITATIONS
1	Swimmer dynamics in externally driven fluid flows: The role of noise. <i>Physical Review Fluids</i> , 2022, 7, .	2.5	2
2	Noise-Induced Aggregation of Swimmers in the Kolmogorov Flow. <i>Frontiers in Physics</i> , 2022, 9, .	2.1	1
3	Barriers Impeding Active Mixing of Swimming Microbes in a Hyperbolic Flow. <i>Frontiers in Physics</i> , 2022, 10, .	2.1	1
4	Transport barriers to self-propelled particles in fluid flows. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	14
5	Trapping of swimmers in a vortex lattice. <i>Chaos</i> , 2020, 30, 063121.	2.5	8
6	Classical versus quantum views of intense laser pulse propagation in gases. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 125601.	1.5	2
7	Variational formulation of classical and quantum models for intense laser pulse propagation. <i>Annals of Physics</i> , 2018, 399, 66-84.	2.8	1
8	Capturing Photoelectron Motion with Guiding Centers. <i>Physical Review Letters</i> , 2018, 121, 113202.	7.8	16