

Simon A Berman

List of Publications by Year in descending order

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papers

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citations

2257263

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1719596

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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, .	1.0	2
2	Noise-Induced Aggregation of Swimmers in the Kolmogorov Flow. <i>Frontiers in Physics</i> , 2022, 9, .	1.0	1
3	Barriers Impeding Active Mixing of Swimming Microbes in a Hyperbolic Flow. <i>Frontiers in Physics</i> , 2022, 10, .	1.0	1
4	Transport barriers to self-propelled particles in fluid flows. <i>Physical Review Fluids</i> , 2021, 6, .	1.0	14
5	Trapping of swimmers in a vortex lattice. <i>Chaos</i> , 2020, 30, 063121.	1.0	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.	0.6	2
7	Variational formulation of classical and quantum models for intense laser pulse propagation. <i>Annals of Physics</i> , 2018, 399, 66-84.	1.0	1
8	Capturing Photoelectron Motion with Guiding Centers. <i>Physical Review Letters</i> , 2018, 121, 113202.	2.9	16