

# Simon A Berman

## List of Publications by Year in descending order

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

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8  
papers

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citations

2257833

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1719901

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docs citations

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times ranked

32  
citing authors

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