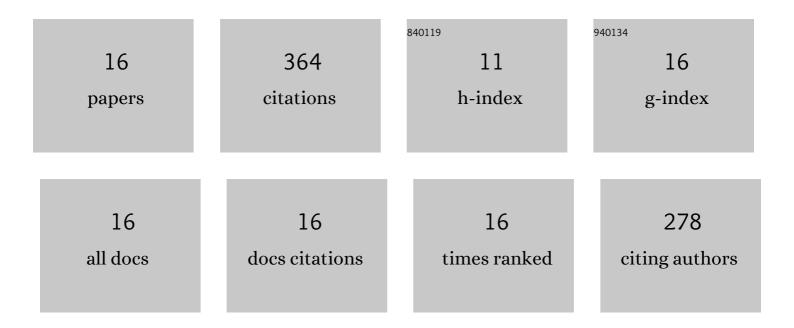
Michael Sinhuber

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5273882/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	An equation of state for insect swarms. Scientific Reports, 2021, 11, 3773.	1.6	14
2	Multi-level stochastic refinement for complex time series and fields: a data-driven approach. New Journal of Physics, 2021, 23, 063063.	1.2	5
3	Reynolds Number Dependence of the Structure Functions in Homogeneous Turbulence. Journal of Nonlinear Science, 2020, 30, 1081-1114.	1.0	7
4	Pair formation in insect swarms driven by adaptive long-range interactions. Journal of the Royal Society Interface, 2020, 17, 20200367.	1.5	2
5	Environmental perturbations induce correlations in midge swarms. Journal of the Royal Society Interface, 2020, 17, 20200018.	1.5	25
6	Similarities between insect swarms and isothermal globular clusters. Physical Review Research, 2020, 2, .	1.3	6
7	Mechanical spectroscopy of insect swarms. Science Advances, 2019, 5, eaaw9305.	4.7	33
8	Response of insect swarms to dynamic illumination perturbations. Journal of the Royal Society Interface, 2019, 16, 20180739.	1.5	20
9	Three-dimensional time-resolved trajectories from laboratory insect swarms. Scientific Data, 2019, 6, .	2.4	25
10	Investigation of the small-scale statistics of turbulence in the Modane S1MA wind tunnel. CEAS Aeronautical Journal, 2018, 9, 269-281.	0.9	20
11	Probing the strain-rotation balance in non-Newtonian turbulence with inertial particles. Physical Review Fluids, 2018, 3, .	1.0	2
12	Are midge swarms bound together by an effective velocity-dependent gravity?. European Physical Journal E, 2017, 40, 46.	0.7	27
13	Dissipative Effects on Inertial-Range Statistics at High Reynolds Numbers. Physical Review Letters, 2017, 119, 134502.	2.9	24
14	Phase Coexistence in Insect Swarms. Physical Review Letters, 2017, 119, 178003.	2.9	46
15	Decay of Turbulence at High Reynolds Numbers. Physical Review Letters, 2015, 114, 034501.	2.9	63
16	Variable density turbulence tunnel facility. Review of Scientific Instruments, 2014, 85, 093908.	0.6	45