

Alireza Hadjighasem

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

557
citations

1307594

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1588992

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30
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docs citations

30
times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	An Optimized-Parameter Spectral Clustering Approach to Coherent Structure Detection in Geophysical Flows. <i>Fluids</i> , 2021, 6, 39.	1.7	11
2	Investigating transport in a tidally driven coral atoll flow using Lagrangian coherent structures. <i>Limnology and Oceanography</i> , 2021, 66, 4017-4027.	3.1	4
3	A critical comparison of Lagrangian methods for coherent structure detection. <i>Chaos</i> , 2017, 27, 053104.	2.5	142
4	Level set formulation of two-dimensional Lagrangian vortex detection methods. <i>Chaos</i> , 2016, 26, 103102.	2.5	10
5	Defining coherent vortices objectively from the \hat{A} vorticity. <i>Journal of Fluid Mechanics</i> , 2016, 795, 136-173.	3.4	238
6	Geodesic Transport Barriers in Jupiter's Atmosphere: A Video-Based Analysis. <i>SIAM Review</i> , 2016, 58, 69-89.	9.5	24
7	Spectral-clustering approach to Lagrangian vortex detection. <i>Physical Review E</i> , 2016, 93, 063107.	2.1	112
8	Detecting invariant manifolds, attractors, and generalized KAM tori in aperiodically forced mechanical systems. <i>Nonlinear Dynamics</i> , 2013, 73, 689-704.	5.2	16