

Gaurav Prabhudesai

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

127
citations

1683934
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1588896
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8
all docs

8
docs citations

8
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear Spectral Synthesis of Soliton Gas in Deep-Water Surface Gravity Waves. Physical Review Letters, 2020, 125, 264101.	2.9	50
2	From modulational instability to focusing dam breaks in water waves. Physical Review Fluids, 2020, 5, .	1.0	28
3	Emergence of Peregrine solitons in integrable turbulence of deep water gravity waves. Physical Review Fluids, 2020, 5, .	1.0	15
4	Prediction and manipulation of hydrodynamic rogue waves via nonlinear spectral engineering. Physical Review Fluids, 2022, 7, .	1.0	13
5	Saturation of the Inverse Cascade in Surface Gravity-Wave Turbulence. Physical Review Letters, 2020, 125, 134501.	2.9	10
6	Nonspherical armoured bubble vibration. Soft Matter, 2017, 13, 3879-3884.	1.2	5
7	Coherence of Velocity Fluctuations in Turbulent Flows. Physical Review Letters, 2022, 128, 014501.	2.9	3
8	Nonlinear dispersion relation in integrable turbulence. Scientific Reports, 2022, 12, .	1.6	3