

Thomas Le Reun

List of Publications by Year in descending order

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9
papers

146
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Inertial Wave Turbulence Driven by Elliptical Instability. <i>Physical Review Letters</i> , 2017, 119, 034502.	7.8	48
2	Experimental study of the nonlinear saturation of the elliptical instability: inertial wave turbulence versus geostrophic turbulence. <i>Journal of Fluid Mechanics</i> , 2019, 879, 296-326.	3.4	29
3	Near-resonant instability of geostrophic modes: beyond Greenspan's theorem. <i>Journal of Fluid Mechanics</i> , 2020, 900, .	3.4	16
4	Parametric instability and wave turbulence driven by tidal excitation of internal waves. <i>Journal of Fluid Mechanics</i> , 2018, 840, 498-529.	3.4	15
5	Internally Heated Porous Convection: An Idealized Model for Enceladus' Hydrothermal Activity. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006451.	3.6	10
6	High-Rayleigh-number convection in porous fluid layers. <i>Journal of Fluid Mechanics</i> , 2021, 920, .	3.4	9
7	Evidence of the Zakharov-Kolmogorov spectrum in numerical simulations of inertial wave turbulence. <i>Europhysics Letters</i> , 2020, 132, 64002.	2.0	9
8	Experimental study of convection in the compressible regime. <i>Physical Review Fluids</i> , 2019, 4, .	2.5	8
9	Rotational Dynamics of Planetary Cores: Instabilities Driven By Precession, Libration and Tides. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , 2020, , 91-127.	0.6	2