

Lukas Zwirner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6609320/publications.pdf>

Version: 2024-02-01

8
papers

207
citations

1306789

7
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1588620

8
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8
all docs

8
docs citations

8
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Confined inclined thermal convection in low-Prandtl-number fluids. <i>Journal of Fluid Mechanics</i> , 2018, 850, 984-1008.	1.4	43
2	Boundary Zonal Flow in Rotating Turbulent Rayleigh-B�nard Convection. <i>Physical Review Letters</i> , 2020, 124, 084505.	2.9	42
3	Elliptical Instability and Multiple-Roll Flow Modes of the Large-Scale Circulation in Confined Turbulent Rayleigh-B�nard Convection. <i>Physical Review Letters</i> , 2020, 125, 054502.	2.9	34
4	The influence of the cell inclination on the heat transport and large-scale circulation in liquid metal convection. <i>Journal of Fluid Mechanics</i> , 2020, 884, .	1.4	29
5	Aspect Ratio Dependence of Heat Transfer in a Cylindrical Rayleigh-B�nard Cell. <i>Physical Review Letters</i> , 2022, 128, 084501.	2.9	23
6	Velocity and thermal boundary layer equations for turbulent Rayleigh-B�nard convection. <i>Physical Review Research</i> , 2019, 1, .	1.3	18
7	Dynamics and length scales in vertical convection of liquid metals. <i>Journal of Fluid Mechanics</i> , 2022, 932, .	1.4	11
8	Heat flux in turbulent Rayleigh-B�nard convection: Predictions derived from a boundary layer theory. <i>Physical Review Fluids</i> , 2021, 6, .	1.0	7