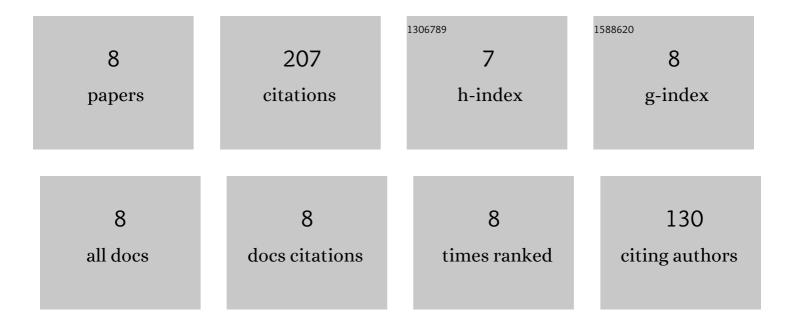
## Lukas Zwirner

List of Publications by Year in descending order

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

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Confined inclined thermal convection in low-Prandtl-number fluids. Journal of Fluid Mechanics, 2018, 850, 984-1008.	1.4	43
2	Boundary Zonal Flow in Rotating Turbulent Rayleigh-Bénard Convection. Physical Review Letters, 2020, 124, 084505.	2.9	42
3	Elliptical Instability and Multiple-Roll Flow Modes of the Large-Scale Circulation in Confined Turbulent Rayleigh-Bénard Convection. Physical Review Letters, 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. Journal of Fluid Mechanics, 2020, 884, .	1.4	29
5	Aspect Ratio Dependence of Heat Transfer in a Cylindrical Rayleigh-Bénard Cell. Physical Review Letters, 2022, 128, 084501.	2.9	23
6	Velocity and thermal boundary layer equations for turbulent Rayleigh-Bénard convection. Physical Review Research, 2019, 1, .	1.3	18
7	Dynamics and length scales in vertical convection of liquid metals. Journal of Fluid Mechanics, 2022, 932, .	1.4	11
8	Heat flux in turbulent Rayleigh-Bénard convection: Predictions derived from a boundary layer theory. Physical Review Fluids, 2021, 6, .	1.0	7