

# Susanne Horn

## List of Publications by Year in descending order

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14  
papers

436  
citations

759233

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1058476

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoelectric precession in turbulent magnetoconvection. <i>Journal of Fluid Mechanics</i> , 2022, 930, .	3.4	18
2	Experimental pub crawl from Rayleigh-Bénard to magnetostrophic convection. <i>Journal of Fluid Mechanics</i> , 2022, 939, .	3.4	14
3	Jump rope vortex flow in liquid metal Rayleigh-Bénard convection in a cuboid container of aspect ratio. <i>Journal of Fluid Mechanics</i> , 2022, 932, .	3.4	14
4	Tornado-like vortices in the quasi-cyclostrophic regime of Coriolis-centrifugal convection. <i>Journal of Turbulence</i> , 2021, 22, 297-324.	1.4	11
5	Oscillatory thermal-inertial flows in liquid metal rotating convection. <i>Journal of Fluid Mechanics</i> , 2021, 911, .	3.4	21
6	Unravelling the large-scale circulation modes in turbulent Rayleigh-Bénard convection (a). <i>Europhysics Letters</i> , 2021, 136, 14003.	2.0	8
7	Boundary Zonal Flow in Rotating Turbulent Rayleigh-Bénard Convection. <i>Physical Review Letters</i> , 2020, 124, 084505.	7.8	42
8	Connections between nonrotating, slowly rotating, and rapidly rotating turbulent convection transport scalings. <i>Physical Review Research</i> , 2020, 2, .	3.6	44
9	Rotating convection with centrifugal buoyancy: Numerical predictions for laboratory experiments. <i>Physical Review Fluids</i> , 2019, 4, .	2.5	28
10	Jump rope vortex in liquid metal convection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12674-12679.	7.1	49
11	Regimes of Coriolis-Centrifugal Convection. <i>Physical Review Letters</i> , 2018, 120, 204502.	7.8	47
12	Rotating thermal convection in liquid gallium: multi-modal flow, absent steady columns. <i>Journal of Fluid Mechanics</i> , 2018, 846, 846-876.	3.4	40
13	Prograde, retrograde, and oscillatory modes in rotating Rayleigh-Bénard convection. <i>Journal of Fluid Mechanics</i> , 2017, 831, 182-211.	3.4	37
14	Thermal convection in inclined cylindrical containers. <i>Journal of Fluid Mechanics</i> , 2016, 790, .	3.4	63