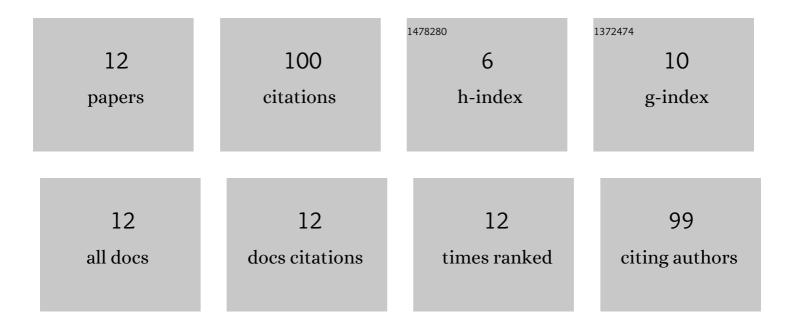
Xian-Rong Cen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8615064/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The effect of cell tilting on turbulent thermal convection in a rectangular cell. Journal of Fluid Mechanics, 2015, 762, 273-287.	1.4	31
2	Three dimensional simulation of melt flow in Czochralski crystal growth with steady magnetic fields. Journal of Crystal Growth, 2012, 340, 135-141.	0.7	15
3	Evolution and statistics of thermal plumes in tilted turbulent convection. International Journal of Heat and Mass Transfer, 2017, 111, 933-942.	2.5	15
4	Large eddy simulation of Marangoni convection in Czochralski crystal growth. Crystal Research and Technology, 2011, 46, 14-22.	0.6	9
5	Global Distribution of the Oceanic Bottom Mixed Layer Thickness. Geophysical Research Letters, 2019, 46, 1547-1554.	1.5	9
6	Large eddy simulation of industrial Czochralski Si crystal growth under transverse magnetic field. Journal of Crystal Growth, 2014, 389, 60-67.	0.7	7
7	New Parametrization for Heat Transport Through Diffusive Convection Interface. Journal of Geophysical Research: Oceans, 2018, 123, 1327-1338.	1.0	4
8	Nitrate fluxes induced by turbulent mixing in dipole eddies in an oligotrophic ocean. Limnology and Oceanography, 2021, 66, 2842-2854.	1.6	4
9	High-Resolution Observations of Upwelling and Front in Daya Bay, South China Sea. Journal of Marine Science and Engineering, 2021, 9, 657.	1.2	3
10	Variance of Bottom Water Temperature at the Continental Margin of the Northern South China Sea. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC015843.	1.0	2
11	Temporal Variability in Bottom Water Structures of the Continental Slope in the Northern South China Sea. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017177.	1.0	1
12	Evolution of Staircase Structures in Diffusive Convection. Journal of Visualized Experiments, 2018, , .	0.2	0