

Xian-Rong Cen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

100
citations

1478280

6
h-index

1372474

10
g-index

12
all docs

12
docs citations

12
times ranked

99
citing authors

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