

Suyang Pei

List of Publications by Year in descending order

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8
papers

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citations

1478505

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1588992

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g-index

8
all docs

8
docs citations

8
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247
citing authors

#	ARTICLE	IF	CITATIONS
1	ZOMBIE VORTEX INSTABILITY. I. A PURELY HYDRODYNAMIC INSTABILITY TO RESURRECT THE DEAD ZONES OF PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2015, 808, 87.	4.5	99
2	Three-Dimensional Vortices Generated by Self-Replication in Stably Stratified Rotating Shear Flows. <i>Physical Review Letters</i> , 2013, 111, 084501.	7.8	57
3	ZOMBIE VORTEX INSTABILITY. II. THRESHOLDS TO TRIGGER INSTABILITY AND THE PROPERTIES OF ZOMBIE TURBULENCE IN THE DEAD ZONES OF PROTOPLANETARY DISKS. <i>Astrophysical Journal</i> , 2016, 833, 148.	4.5	30
4	Zombie Vortex Instability. III. Persistence with Nonuniform Stratification and Radiative Damping. <i>Astrophysical Journal</i> , 2018, 869, 127.	4.5	21
5	Upper Ocean Response to the Atmospheric Cold Pools Associated With the Madden-Julian Oscillation. <i>Geophysical Research Letters</i> , 2018, 45, 5020-5029.	4.0	13
6	Simulation of Deep Cycle Turbulence by a Global Ocean General Circulation Model. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088384.	4.0	7
7	Substantial Sea Surface Temperature Cooling in the Banda Sea Associated With the Madden-Julian Oscillation in the Boreal Winter of 2015. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017226.	2.6	4
8	Climate Process Team: Improvement of Ocean Component of NOAA Climate Forecast System Relevant to Madden-Julian Oscillation Simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2021MS002658.	3.8	3