

# Stipo SentiÄ

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4909365/publications.pdf>

Version: 2024-02-01

9  
papers

107  
citations

1684188

5  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

112  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Convective response to changes in the thermodynamic environment in idealized weak temperature gradient simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 712-738.   | 3.8 | 30        |
| 2 | The role of radiation in organizing convection in weak temperature gradient simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 244-271.  | 3.8 | 20        |
| 3 | A Simple Model of Convectively Coupled Equatorial Rossby Waves. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 173-184.  | 3.8 | 18        |
| 4 | Diagnosing <scp>DYNAMO</scp> convection with weak temperature gradient simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 1849-1871.   | 3.8 | 16        |
| 5 | High-resolution in situ observations of atmospheric thermodynamics using dropsondes during the Organization of Tropical East Pacific Convection (OTREC) field campaign. <i>Earth System Science Data</i> , 2021, 13, 1107-1117.                                | 9.9 | 11        |
| 6 | The Madden-Julian Oscillation and Mean Easterly Winds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030869.   | 3.3 | 5         |
| 7 | Idealized modeling of convective organization with changing sea surface temperatures using multiple equilibria in weak temperature gradient simulations. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 1431-1449.                            | 3.8 | 3         |
| 8 | Balanced Dynamics and Moisture Quasi-Equilibrium in DYNAMO Convection. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 2781-2799.  | 1.7 | 2         |
| 9 | On the impact of dropsondes on the ECMWF Integrated Forecasting System model (CY47R1) analysis of convection during the OTREC (Organization of Tropical East Pacific Convection) field campaign. <i>Geoscientific Model Development</i> , 2022, 15, 3371-3385. | 3.6 | 2         |