

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

9,483  
citations

33  
h-index

42  
g-index

42  
ext. papers

10,165  
ext. citations

6.3  
avg, IF

5.72  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 42 | Monsoons: Processes, predictability, and the prospects for prediction. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 14451-14510   |      | 1993      |
| 41 | Influence of Land-Surface Evapotranspiration on the Earth's Climate. <i>Science</i> , <b>1982</b> , 215, 1498-501  | 33.3 | 882       |
| 40 | Amazon deforestation and climate change. <i>Science</i> , <b>1990</b> , 247, 1322-5  | 33.3 | 710       |
| 39 | A Simplified Biosphere Model for Global Climate Studies. <i>Journal of Climate</i> , <b>1991</b> , 4, 345-364  | 4.4  | 563       |
| 38 | Fundamental challenge in simulation and prediction of summer monsoon rainfall. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,   | 4.9  | 493       |
| 37 | An Apparent Relationship between Eurasian Snow Cover and Indian Monsoon Rainfall. <i>Journals of the Atmospheric Sciences</i> , <b>1976</b> , 33, 2461-2462                                      | 2.1  | 420       |
| 36 | The Southern Oscillation and Long-Range Forecasting of the Summer Monsoon Rainfall over India. <i>Monthly Weather Review</i> , <b>1983</b> , 111, 1830-1837                                      | 2.4  | 358       |
| 35 | Intercomparison of the climatological variations of Asian summer monsoon precipitation simulated by 10 GCMs. <i>Climate Dynamics</i> , <b>2002</b> , 19, 383-395                                 | 4.2  | 344       |
| 34 | Current status of ENSO prediction skill in coupled ocean-atmosphere models. <i>Climate Dynamics</i> , <b>2008</b> , 31, 647-664  | 4.2  | 338       |
| 33 | Intraseasonal and Interannual Variability of Rainfall over India. <i>Journal of Climate</i> , <b>2000</b> , 13, 4366-4377  | 4.4  | 338       |
| 32 | Predictability in the midst of chaos: A scientific basis for climate forecasting. <i>Science</i> , <b>1998</b> , 282, 728-31   | 33.3 | 313       |
| 31 | Advance and prospectus of seasonal prediction: assessment of the APCC/CLIPAS 14-model ensemble retrospective seasonal prediction (1980-2004). <i>Climate Dynamics</i> , <b>2009</b> , 33, 93-117 | 4.2  | 302       |
| 30 | Relation between Eurasian Snow Cover, Snow Depth, and the Indian Summer Monsoon: An Observational Study. <i>Journal of Climate</i> , <b>1999</b> , 12, 3117-3132                                 | 4.4  | 287       |
| 29 | Predictability of monsoons <b>1981</b> , 99-110  |      | 250       |
| 28 | Effects of Implementing the Simple Biosphere Model in a General Circulation Model. <i>Journals of the Atmospheric Sciences</i> , <b>1989</b> , 46, 2757-2782                                     | 2.1  | 226       |
| 27 | Intraseasonal and Seasonally Persisting Patterns of Indian Monsoon Rainfall. <i>Journal of Climate</i> , <b>2007</b> , 20, 3-20  | 4.4  | 188       |
| 26 | How are seasonal prediction skills related to models' performance on mean state and annual cycle?. <i>Climate Dynamics</i> , <b>2010</b> , 35, 267-283   | 4.2  | 122       |

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| 25 | Albedo as a modulator of climate response to tropical deforestation. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 20863  |     | 119 |
| 24 | How accurately do coupled climate models predict the leading modes of Asian-Australian monsoon interannual variability?. <i>Climate Dynamics</i> , <b>2008</b> , 30, 605-619                   | 4.2 | 115 |
| 23 | Seasonal persistence and propagation of intraseasonal patterns over the Indian monsoon region. <i>Climate Dynamics</i> , <b>2008</b> , 30, 353-369   | 4.2 | 113 |
| 22 | Multiseasonal Predictions with a Coupled Tropical Ocean-Global Atmosphere System. <i>Monthly Weather Review</i> , <b>1997</b> , 125, 789-808   | 2.4 | 103 |
| 21 | Interactive coupled ensemble: A new coupling strategy for CGCMs. <i>Geophysical Research Letters</i> , <b>2002</b> , 29, 5-1-5-4   | 4.9 | 100 |
| 20 | Predictability of a Coupled Ocean-Atmosphere Model. <i>Journal of Climate</i> , <b>1991</b> , 4, 3-22  | 4.4 | 96  |
| 19 | Influence of the Indian summer monsoon on ENSO. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2000</b> , 126, 213-239  | 6.4 | 92  |
| 18 | Climate model fidelity and projections of climate change. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,  | 4.9 | 67  |
| 17 | Intercomparison of Atmospheric GCM Simulated Anomalies Associated with the 1997/98 El Niño. <i>Journal of Climate</i> , <b>2002</b> , 15, 2791-2805  | 4.4 | 64  |
| 16 | Linear Prediction of Indian Monsoon Rainfall*. <i>Journal of Climate</i> , <b>2002</b> , 15, 3645-3658   | 4.4 | 60  |
| 15 | A Simulation of the Winter and Summer Circulations with the NMC Global Spectral Model. <i>Journals of the Atmospheric Sciences</i> , <b>1988</b> , 45, 2486-2522                               | 2.1 | 57  |
| 14 | Ocean Data Assimilation, Initialization, and Predictions of ENSO with a Coupled GCM. <i>Monthly Weather Review</i> , <b>1999</b> , 127, 1187-1207  | 2.4 | 54  |
| 13 | Role of Mediterranean SST in enhancing the European heat wave of summer 2003. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,  | 4.9 | 51  |
| 12 | The effect on regional and global climate of expansion of the world's deserts. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>1996</b> , 122, 451-482                       | 6.4 | 49  |
| 11 | Mechanisms for the Interannual Variability in the Tropical Indian Ocean. Part I: The Role of Remote Forcing from the Tropical Pacific. <i>Journal of Climate</i> , <b>2007</b> , 20, 2917-2936 | 4.4 | 45  |
| 10 | Predictability of Time Averages: Part II: The Influence of the Boundary Forcings <b>1984</b> , 155-206   |     | 34  |
| 9  | Annual Cycle and ENSO in a Coupled Ocean-Atmosphere General Circulation Model. <i>Monthly Weather Review</i> , <b>1997</b> , 125, 680-702  | 2.4 | 31  |
| 8  | Reforecasting the ENSO Events in the Past 57 Years (1958-2014). <i>Journal of Climate</i> , <b>2017</b> , 30, 7669-7693  | 4.4 | 28  |

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|---|---|---------|-----|
| 7 | Specification of Wintertime North American Surface Temperature. <i>Journal of Climate</i> , <b>2006</b> , 19, 2691-2716                                     | 16      | 24  |
| 6 | Predictability of the Seasonal Mean Atmospheric Circulation during Autumn, Winter, and Spring. <i>Journal of Climate</i> , <b>2003</b> , 16, 3629-3649      | 4-4     | 19  |
| 5 | Predictability of seasonal climate variations: a pedagogical review   | 306-341 | 16  |
| 4 | Observational and Modeling Studies of the Influence of Soil Moisture Anomalies on Atmospheric Circulation (Review) <b>1993</b> , 1-23                       |         | 11  |
| 3 | The influence of changes in vegetation type on the surface energy budget. <i>Advances in Atmospheric Sciences</i> , <b>1994</b> , 11, 139-161               | 2-9     | 7   |
| 2 | Dynamical seasonal predictions with the COLA atmospheric model. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2010</b> , 126, 2265-2291 | 6-4     | 1   |
| 1 | Air-sea-land interactions: Global and regional habitability. <i>Origins of Life and Evolution of Biospheres</i> , <b>1985</b> , 15, 353-363                 |         | 1.5 |