JOURNAL OF CLIMATE

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TITLES
ISO: J. Clim.
JCR Abbrev: J CLIMATE

CATEGORIES
METEOROLOGY & ATMOSPHERIC SCIENCES - SCIE

LANGUAGES
English

PUBLICATION FREQUENCY
24 issues/year

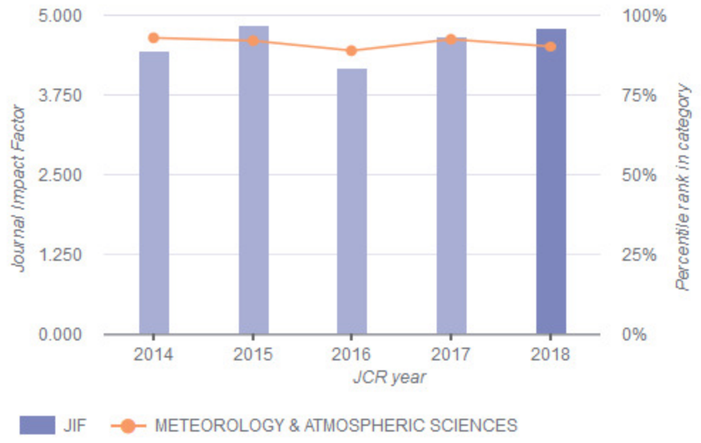
Current Year | 2017 | All Years

The data in the two graphs below and in the Journal Impact Factor calculation panels represent citation activity in 2018 to items published in the journal in the prior two years. They detail the components of the Journal Impact Factor. Use the "All Years" tab to access key metrics and additional data for the current year and all prior years for this journal.

Journal Impact Factor Trend 2018

Printable Version

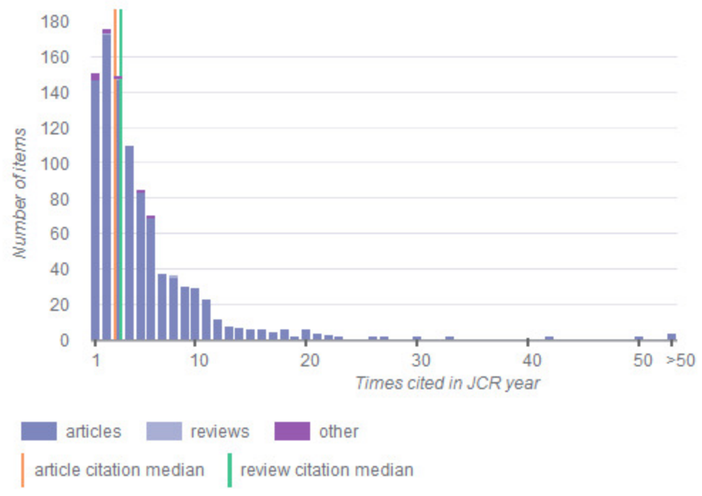
4.805
2018 Journal Impact Factor



Citation distribution 2018

Printable Version

3 Article citation median **3** Review citation median



Journal Impact Factor Calculation

2018 Journal Impact Factor = 5,151 / 1,072 = 4.805

How is Journal Impact Factor Calculated?

$$JIF = \frac{\text{Citations in 2018 to items published in 2016 (2,601) + 2017 (2,550)}}{\text{Number of citable items in 2016 (513) + 2017 (559)}} = \frac{5,151}{1,072}$$

Journal Impact Factor contributing items

Show all

Citable items in 2017 and 2016 (1,072) | Citations in 2018 (5,151)

TITLE	CITATIONS COUNTED TOWARDS JIF
The Modern-Era Retrospective Analysis for Research and Applications, Version 2 (MERRA-2) By: Gelaro, Ronald; Reichle, Rolf; Wargan, Krzysztof; Coy, Lawrence; Cullather, Richard; et al. **Volume: 30 Page: 5419-5454 Accession number: WOS:000404018600016** **Document Type: Article**	251
ERA-20C: An Atmospheric Reanalysis of the Twentieth Century By: Poli, Paul; Thepaut, Jean-Noel; Tremolet, Yannick; Holm, Elias V.; Bonavita, Massimo; et al. **Volume: 29 Page: 4083-4097 Accession number: WOS:000376197900010** **Document Type: Article**	116
The Pacific Decadal Oscillation, Revisited By: Newman, Matthew; Nakamura, Hisashi; Schneider, Niklas; Vimont, Daniel J.; Phillips, Adam S.; et al. **Volume: 29 Page: 4399-4427 Accession number: WOS:000377796700006** **Document Type: Article**	99
Extended Reconstructed Sea Surface Temperature, Version 5 (ERSSTv5): Upgrades, Validations, and Intercomparisons By: Huang, Boyin; Zhang, Huai-min; Thorne, Peter W.; Banzon, Viva F.; Boyer, Tim; et al. **Volume: 30 Page: 8179-8205 Accession number: WOS:000411438000009** **Document Type: Article**	50
Global Climate Impacts of Fixing the Southern Ocean Shortwave Radiation Bias in the Community Earth System Model (CESM) By: Kay, Jennifer E.; Wall, Casey; Yettella, Vineel; Medeiros, Brian; Hannay, Cecile; et al. **Volume: 29 Page: 4617-4636 Accession number: WOS:000377796700018** **Document Type: Article**	42
Assessment of MERRA-2 Land Surface Hydrology Estimates By: Reichle, Rolf H.; Draper, Clara S.; Liu, Q.; Girotto, Manuela; Mahanama, Sarith P. P.; et al. **Volume: 30 Page: 2937-2960 Accession number: WOS:000399679900013** **Document Type: Article**	33
Further Exploring and Quantifying Uncertainties for Extended Reconstructed Sea Surface Temperature (ERSST) Version 4 (v4) By: Huang, Boyin; Thorne, Peter W.; Smith, Thomas M.; Liu, Wei; Lawrimore, Jay; et al. **Volume: 29 Page: 3119-3142 Accession number: WOS:000375147800002** **Document Type: Article**	30

Key Indicators 2018

IMPACT METRICS			INFLUENCE METRICS			SOURCE METRICS		
Total Cites	52,398	✓Graph	Eigenfactor Score	0.08905	Graph	Citable Items	545	Graph
Journal Impact Factor	4.805	Graph	Article Influence Score	2.417	Graph	% Articles in Citable Items	99.63	Graph
5 Year Impact Factor	5.922	Graph	Normalized Eigenfactor	10.57694	Graph	Average JIF Percentile	90.116	Graph
Immediacy Index	1.050	Graph				Cited Half-Life	9.0	Graph
Impact Factor Without Journal Self Cites	3.856	Graph				Citing Half-Life	8.2	Graph

Source data | Box plot | Rank | Cited Journal Data | Citing Journal Data | Metric trend | Click here to view Journal Relationships

Journal source data 2018

	Articles	Reviews	Combined(C)	Other(O)	Percentage(C/(C+O))
Number in JCR Year 2018 (A)	543	2	545	14	97%
Number of References (B)	32,898	312	33,210	118	99%
Ratio (B/A)	60.6	156.0	60.9	8.4	

These data summarize the characteristics of the journal's published content for the most recent three years, that is, 2018 and the two prior years, combined. This information is based on all listed authors and addresses. It is meant to be descriptive rather than comparative.

Contributions by country/region

country	count
1. USA	1,008
2. CHINA MAINLAND	435
3. England	196
4. Australia	102
5. Japan	92
6. GERMANY (FED REP GER)	91
7. France	78
8. Canada	74
9. South Korea	62
10. Norway	54

Contributions by organizations

organization	count
1. CHINESE ACADEMY OF SCIENCES	207
2. NATIONAL OCEANIC ATMOSPHERIC ADMIN (NOAA) - USA	194
3. UNIVERSITY OF CALIFORNIA SYSTEM	132
4. NATIONAL CENTER ATMOSPHERIC RESEARCH (NCAR) - USA	121
5. NANJING UNIVERSITY OF INFORMATION SCIENCE & TECHNOLOGY	108
6. COLUMBIA UNIVERSITY	106
7. NATIONAL AERONAUTICS & SPACE ADMINISTRATION (NASA)	98
8. PRINCETON UNIVERSITY	77
9. UNIVERSITY OF WASHINGTON	76
- UNIVERSITY OF COLORADO SYSTEM	76

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