

Impact Factors

In a given year, the **impact factor** of a journal is the average number of citations received per paper published in that journal during the two preceding years.

For example, if a journal has an impact factor of 3 in 2008, then its papers published in 2006 and 2007 received 3 citations each on average in 2008.

The 2008 impact factor of a journal would be calculated as follows:

A = the number of times that articles published in that journal in 2006 and 2007, were cited by articles in indexed journals during 2008.

B = the total number of "citable items" published by that journal in 2006 and 2007.

2008 impact factor = A/B .

Impact Factors, 2012 except as noted

JAMES 4.114

Bulletin of the American Meteorological Society 6.591
Journal of Climate 4.362
Journal of Hydrometeorology 3.273
Journal of the Atmospheric Sciences 2.672
Monthly Weather Review 2.758
Journal of Physical Oceanography 2.345 for 2011
Journal of Applied Meteorology and Climatology 2.020
Weather and Forecasting 1.860
Earth Interactions 1.794 for 2011
Journal of Atmospheric and Oceanic Technology 1.693
Weather, Climate, and Society 0.913

Geoscientific Model Development 3.237

Ocean Modeling 2.628

Quarterly Journal of the Royal Meteorological Society 3.327

2012 Impact Factors for AGU Journals

| Journal | Category Name | Impact Factor | Rank |
|-------------------------------------|------------------------------------|---------------|-----------|
| Geochemistry Geophysics Geosystems | GEOCHEMISTRY & GEOPHYSICS | 2.939 | 16 of 76 |
| Geophysical Research Letters | GEOCHEMISTRY & GEOPHYSICS | 3.982 | 11 of 170 |
| Global Biogeochemical Cycles | ENVIRONMENTAL SCIENCES | 4.682 | 11 of 209 |
| | GEOSCIENCES, MULTIDISCIPLINARY | | 6 of 170 |
| | METEOROLOGY & ATMOSPHERIC SCIENCES | | 4 of 74 |
| All Journal of Geophysical Research | GEOCHEMISTRY & GEOPHYSICS | 3.174 | 23 of 170 |
| JAMES | METEOROLOGY & ATMOSPHERIC SCIENCES | 4.114 | 7 of 74 |
| Paleoceanography | GEOSCIENCES, MULTIDISCIPLINARY | 3.296 | 21 of 170 |
| | OCEANOGRAPHY | | 5 of 60 |
| | PALEONTOLOGY | | 1 of 50 |
| Radio Science | ASTRONOMY & ASTROPHYSICS | 1 | 40 of 56 |
| | GEOCHEMISTRY & GEOPHYSICS | | 51 of 76 |
| | METEOROLOGY & ATMOSPHERIC SCIENCES | | 58 of 74 |
| | REMOTE SENSING | | 17 of 27 |
| | TELECOMMUNICATIONS | | 39 of 77 |
| Reviews of Geophysics | GEOCHEMISTRY & GEOPHYSICS | 13.906 | 2 of 76 |
| Space Weather | ASTRONOMY & ASTROPHYSICS | 1.37 | 34 of 56 |
| | GEOCHEMISTRY & GEOPHYSICS | | 43 of 76 |
| | METEOROLOGY & ATMOSPHERIC SCIENCES | | 46 of 74 |
| Tectonics | GEOCHEMISTRY & GEOPHYSICS | 3.487 | 8 of 76 |
| Water Resources Research | ENVIRONMENTAL SCIENCES | 3.149 | 35 of 209 |
| | LIMNOLOGY | | 2 of 20 |
| | WATER RESOURCES | | 3 of 80 |
| Earth Interactions | GEOSCIENCES, MULTIDISCIPLINARY | 1.709 | 69 of 170 |