

Dave C Mcadoo

List of Publications by Year in descending order

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31
papers

1,581
citations

304602

22
h-index

454834

30
g-index

31
all docs

31
docs citations

31
times ranked

1104
citing authors

#	ARTICLE	IF	CITATIONS
1	Folding of oceanic lithosphere. Journal of Geophysical Research, 1985, 90, 8563-8569.	3.3	200
2	Combined airborne laser and radar altimeter measurements over the Fram Strait in May 2002. Remote Sensing of Environment, 2007, 111, 182-194.	4.6	139
3	Arctic Ocean Gravity Field Derived From ERS-1 Satellite Altimetry. Science, 1994, 265, 621-624.	6.0	111
4	Comparison of Envisat radar and airborne laser altimeter measurements over Arctic sea ice. Remote Sensing of Environment, 2009, 113, 563-570.	4.6	98
5	Antarctic Tectonics: Constraints From an ERS-1 Satellite Marine Gravity Field. Science, 1997, 276, 556-561.	6.0	85
6	A First Assessment of IceBridge Snow and Ice Thickness Data Over Arctic Sea Ice. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 2098-2111.	2.7	85
7	Gravity fields of the southern ocean from Geosat Data. Journal of Geophysical Research, 1992, 97, 3247-3260.	3.3	82
8	Scotia Sea tectonics from high-resolution satellite gravity. Earth and Planetary Science Letters, 1994, 123, 255-268.	1.8	77
9	Five years of Arctic sea ice freeboard measurements from the Ice, Cloud and land Elevation Satellite. Journal of Geophysical Research, 2009, 114, .	3.3	71
10	Seasat observations of flexure: Evidence for a strong lithosphere. Tectonophysics, 1985, 116, 209-222.	0.9	70
11	Marine gravity of the southern ocean and Antarctic margin from Geosat. Journal of Geophysical Research, 1988, 93, 10389-10396.	3.3	63
12	High accuracy, high resolution gravity profiles from 2 years of the Geosat Exact Repeat Mission. Journal of Geophysical Research, 1990, 95, 3049-3060.	3.3	59
13	Degradation of Geopotential Recovery from Short Repeat-Cycle Orbits: Application to GRACE Monthly Fields. Journal of Geodesy, 2006, 80, 94-103.	1.6	56
14	Mean dynamic topography of the Arctic Ocean. Geophysical Research Letters, 2012, 39, .	1.5	38
15	New gravity data in the Arctic Ocean: Comparison of airborne and ERS gravity. Journal of Geophysical Research, 2001, 106, 8871-8886.	3.3	34
16	Seasat observations of lithospheric flexure seaward of trenches. Journal of Geophysical Research, 1984, 89, 3201-3210.	3.3	33
17	On the source of cross-grain lineations in the central Pacific gravity field. Journal of Geophysical Research, 1989, 94, 9341-9352.	3.3	30
18	Arctic Ocean gravity field derived from ICESat and ERS altimetry: Tectonic implications. Journal of Geophysical Research, 2008, 113, .	3.3	29

#	ARTICLE	IF	CITATIONS
19	Variations in the accuracy of gravity recovery due to ground track variability: GRACE, CHAMP, and GOCE. <i>Journal of Geodesy</i> , 2008, 82, 917-927.	1.6	28
20	Gravity of the Arctic Ocean from satellite data with validations using airborne gravimetry: Oceanographic implications. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 917-930.	1.0	27
21	Satellites provide new insights into polar geophysics. <i>Eos</i> , 1998, 79, 69-69.	0.1	26
22	Oceanographic and geophysical applications of satellite altimetry. <i>Reviews of Geophysics</i> , 1987, 25, 875-880.	9.0	25
23	Time variations in the Earth's gravity field detectable with geopotential research mission intersatellite tracking. <i>Journal of Geophysical Research</i> , 1986, 91, 8373-8386.	3.3	23
24	Error calibration of geopotential harmonics in recent and past gravitational fields. <i>Journal of Geodesy</i> , 2012, 86, 99-108.	1.6	19
25	Validating ICESat Over Thick Sea Ice in the Northern Canada Basin. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 2188-2200.	2.7	15
26	Temporal fluctuations of microseismic noise in Yellowstone's Upper Geyser Basin from a continuous gravity observation. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	14
27	Gravity field of the southeast central Pacific from Geosat Exact Repeat Mission Data. <i>Journal of Geophysical Research</i> , 1990, 95, 3041-3047.	3.3	13
28	Comparison of observed and predicted gravity profiles over Aphrodite Terra, Venus. <i>Journal of Geophysical Research</i> , 1991, 96, 301-315.	3.3	11
29	Resolving marine gravity with ERS-1 satellite altimetry. <i>Geophysical Research Letters</i> , 1992, 19, 2271-2274.	1.5	11
30	Amundsen Sea Bathymetry: The Benefits of Using Gravity Data for Bathymetric Prediction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2009, 47, 4223-4228.	2.7	6
31	Improvements in Arctic Gravity and Geoid from CHAMP and GRACE: An Evaluation. , 2005, , 37-46.		3