

# 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	Validating ICESat Over Thick Sea Ice in the Northern Canada Basin. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2188-2200.	2.7	15
2	Gravity of the Arctic Ocean from satellite data with validations using airborne gravimetry: Oceanographic implications. Journal of Geophysical Research: Oceans, 2013, 118, 917-930.	1.0	27
3	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
4	Mean dynamic topography of the Arctic Ocean. Geophysical Research Letters, 2012, 39, .	1.5	38
5	Error calibration of geopotential harmonics in recent and past gravitational fields. Journal of Geodesy, 2012, 86, 99-108.	1.6	19
6	Comparison of Envisat radar and airborne laser altimeter measurements over Arctic sea ice. Remote Sensing of Environment, 2009, 113, 563-570.	4.6	98
7	Amundsen Sea Bathymetry: The Benefits of Using Gravity Data for Bathymetric Prediction. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 4223-4228.	2.7	6
8	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
9	Variations in the accuracy of gravity recovery due to ground track variability: GRACE, CHAMP, and GOCE. Journal of Geodesy, 2008, 82, 917-927.	1.6	28
10	Arctic Ocean gravity field derived from ICESat and ERS altimetry: Tectonic implications. Journal of Geophysical Research, 2008, 113, .	3.3	29
11	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
12	Temporal fluctuations of microseismic noise in Yellowstone's Upper Geyser Basin from a continuous gravity observation. Geophysical Research Letters, 2006, 33, .	1.5	14
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	Improvements in Arctic Gravity and Geoid from CHAMP and GRACE: An Evaluation. , 2005, , 37-46.		3
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	Satellites provide new insights into polar geophysics. Eos, 1998, 79, 69-69.	0.1	26
17	Antarctic Tectonics: Constraints From an ERS-1 Satellite Marine Gravity Field. Science, 1997, 276, 556-561.	6.0	85
18	Arctic Ocean Gravity Field Derived From ERS-1 Satellite Altimetry. Science, 1994, 265, 621-624.	6.0	111

#	ARTICLE	IF	CITATIONS
19	Scotia Sea tectonics from high-resolution satellite gravity. <i>Earth and Planetary Science Letters</i> , 1994, 123, 255-268.	1.8	77
20	Gravity fields of the southern ocean from Geosat Data. <i>Journal of Geophysical Research</i> , 1992, 97, 3247-3260.	3.3	82
21	Resolving marine gravity with ERS-1 satellite altimetry. <i>Geophysical Research Letters</i> , 1992, 19, 2271-2274.	1.5	11
22	Comparison of observed and predicted gravity profiles over Aphrodite Terra, Venus. <i>Journal of Geophysical Research</i> , 1991, 96, 301-315.	3.3	11
23	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
24	High-accuracy, high-resolution gravity profiles from 2 years of the Geosat Exact Repeat Mission. <i>Journal of Geophysical Research</i> , 1990, 95, 3049-3060.	3.3	59
25	On the source of cross-grain lineations in the central Pacific gravity field. <i>Journal of Geophysical Research</i> , 1989, 94, 9341-9352.	3.3	30
26	Marine gravity of the southern ocean and Antarctic margin from Geosat. <i>Journal of Geophysical Research</i> , 1988, 93, 10389-10396.	3.3	63
27	Oceanographic and geophysical applications of satellite altimetry. <i>Reviews of Geophysics</i> , 1987, 25, 875-880.	9.0	25
28	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
29	Folding of oceanic lithosphere. <i>Journal of Geophysical Research</i> , 1985, 90, 8563-8569.	3.3	200
30	Seasat observations of flexure: Evidence for a strong lithosphere. <i>Tectonophysics</i> , 1985, 116, 209-222.	0.9	70
31	Seasat observations of lithospheric flexure seaward of trenches. <i>Journal of Geophysical Research</i> , 1984, 89, 3201-3210.	3.3	33