

Karen M Marks

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,713
citations

361296
20
h-index

395590
33
g-index

37
all docs

37
docs citations

37
times ranked

3958
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Stacked Sentinel-1 A&B and AltiKa Repeat Cycle Data. Earth and Space Science, 2022, 9, e2021EA001892.	1.1	0
2	The SARAL/AltiKa mission: A step forward to the future of altimetry. Advances in Space Research, 2021, 68, 808-828.	1.2	21
3	A Method of Stacking AltiKa Repeat Cycle Data that May Reveal 75,000+ Possible Small Seamounts. Earth and Space Science, 2018, 5, 964-969.	1.1	3
4	Airline Flight Paths over the Unmapped Ocean. Eos, 2017, , .	0.1	3
5	Detecting small seamounts in AltiKa repeat cycle data. Marine Geophysical Researches, 2016, 37, 349-359.	0.5	10
6	A new digital bathymetric model of the world's oceans. Earth and Space Science, 2015, 2, 331-345.	1.1	651
7	Seafloor in the Malaysia Airlines Flight <scp>MH370</scp> Search Area. Eos, 2014, 95, 173-174.	0.1	27
8	Significant improvements in marine gravity from ongoing satellite missions. Marine Geophysical Researches, 2013, 34, 137-146.	0.5	8
9	Free "Cook Book" for gridding bathymetric data. Eos, 2013, 94, 88-88.	0.1	1
10	Radially symmetric coherence between satellite gravity and multibeam bathymetry grids. Marine Geophysical Researches, 2012, 33, 223-227.	0.5	18
11	Evolution of errors in the altimetric bathymetry model used by Google Earth and GEBCO. Marine Geophysical Researches, 2010, 31, 223-238.	0.5	22
12	Global Bathymetry and Elevation Data at 30 Arc Seconds Resolution: SRTM30_PLUS. Marine Geodesy, 2009, 32, 355-371.	0.9	1,168
13	An uncertainty model for deep ocean single beam and multibeam echo sounder data. Marine Geophysical Researches, 2008, 29, 239-250.	0.5	25
14	Some remarks on resolving seamounts in satellite gravity. Geophysical Research Letters, 2007, 34, .	1.5	12
15	An Evaluation of Publicly Available Global Bathymetry Grids. Marine Geophysical Researches, 2006, 27, 19-34.	0.5	101
16	The Contributions of Abyssal Hill Morphology and Noise to Altimetric Gravity Fabric. Oceanography, 2004, 17, 24-37.	0.5	24
17	An Early Cretaceous extinct spreading center in the northern Natal valley. Tectonophysics, 2002, 347, 87-108.	0.9	42
18	Evolution of the Malvinas Plate South of Africa. Marine Geophysical Researches, 2001, 22, 289-302.	0.5	24

#	ARTICLE	IF	CITATIONS
19	Cretaceous reconstructions of East Antarctica, Africa and Madagascar. Earth and Planetary Science Letters, 2001, 186, 479-495.	1.8	80
20	Evolution of the Australian-Antarctic discordance since Miocene time. Journal of Geophysical Research, 1999, 104, 4967-4981.	3.3	23
21	Early Tertiary gravity field reconstructions of the Southwest Pacific. Earth and Planetary Science Letters, 1997, 152, 267-274.	1.8	13
22	Resolution of the Scripps/NOAA Marine Gravity Field from satellite altimetry. Geophysical Research Letters, 1996, 23, 2069-2072.	1.5	37
23	Asymmetric seafloor spreading and short ridge jumps in the Australian-Antarctic discordance. Marine Geophysical Researches, 1995, 17, 361-373.	0.5	11
24	Variations in ridge morphology and depth-age relationships on the Pacific-Antarctic Ridge. Journal of Geophysical Research, 1994, 99, 531-541.	3.3	27
25	Scotia Sea tectonics from high-resolution satellite gravity. Earth and Planetary Science Letters, 1994, 123, 255-268.	1.8	77
26	Mapping the Southwest Indian Ridge with Geosat. Eos, 1993, 74, 81-86.	0.1	24
27	Gravity fields of the southern ocean from Geosat Data. Journal of Geophysical Research, 1992, 97, 3247-3260.	3.3	82
28	Resolving marine gravity with ERS-1 satellite altimetry. Geophysical Research Letters, 1992, 19, 2271-2274.	1.5	11
29	Mantle downwelling beneath the Australian-Antarctic discordance zone: evidence from geoid height versus topography. Earth and Planetary Science Letters, 1991, 103, 325-338.	1.8	31
30	GEOSAT GM data reveal new details of ocean floor. Eos, 1991, 72, 145-145.	0.1	17
31	Analysis of geoid height versus topography for oceanic plateaus and swells using nonbiased linear regression. Journal of Geophysical Research, 1991, 96, 8045-8055.	3.3	34
32	Residual depth anomalies and the origin of the Australian-Antarctic discordance zone. Journal of Geophysical Research, 1990, 95, 17325-17337.	3.3	45
33	Comparison of GEOSAT and SEASAT Altimeter Resolution Capabilities. Geophysical Research Letters, 1986, 13, 697-700.	1.5	39