

Remko Scharroo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

5,845
citations

430754

18
h-index

526166

27
g-index

34
all docs

34
docs citations

34
times ranked

6582
citing authors

#	ARTICLE	IF	CITATIONS
1	The Copernicus Sentinel-6 mission: Enhanced continuity of satellite sea level measurements from space. <i>Remote Sensing of Environment</i> , 2021, 258, 112395.	4.6	64
2	A revised acceleration rate from the altimetry-derived global mean sea level record. <i>Scientific Reports</i> , 2019, 9, 10908.	1.6	8
3	The Generic Mapping Tools Version 6. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5556-5564.	1.0	1,246
4	Coastal SAR and PLRM altimetry in German Bight and West Baltic Sea. <i>Advances in Space Research</i> , 2018, 62, 1371-1404.	1.2	93
5	REAPER: Reprocessing 12 Years of ERS-1 and ERS-2 Altimeters and Microwave Radiometer Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 5506-5514.	2.7	19
6	Core operational Sentinel-3 marine data product services as part of the Copernicus Space Component. <i>Ocean Science</i> , 2016, 12, 787-795.	1.3	12
7	Jason continuity of services: continuing the Jason altimeter data records as Copernicus Sentinel-6. <i>Ocean Science</i> , 2016, 12, 471-479.	1.3	49
8	Cyclone Xaver seen by geodetic observations. <i>Geophysical Research Letters</i> , 2015, 42, 9925-9932.	1.5	17
9	The German Bight: A validation of CryoSat-2 altimeter data in SAR mode. <i>Advances in Space Research</i> , 2015, 55, 2641-2656.	1.2	57
10	Atmospheric Corrections for Altimetry Studies over Inland Water. <i>Remote Sensing</i> , 2014, 6, 4952-4997.	1.8	75
11	One- and Two-Dimensional Wind Speed Models for Ka-Band Altimetry. <i>Journal of Atmospheric and Oceanic Technology</i> , 2014, 31, 630-638.	0.5	55
12	Generic Mapping Tools: Improved Version Released. <i>Eos</i> , 2013, 94, 409-410.	0.1	3,003
13	New improved orbit solutions for the ERS-1 and ERS-2 satellites. <i>Advances in Space Research</i> , 2012, 49, 1229-1244.	1.2	32
14	Quality Assessment of the Jason-2 Operational and Interim Geophysical Data Records. <i>Marine Geodesy</i> , 2011, 34, 191-213.	0.9	4
15	Range and Geophysical Corrections in Coastal Regions: And Implications for Mean Sea Surface Determination. , 2011, , 103-145.		79
16	A global positioning system-based climatology for the total electron content in the ionosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	75
17	18.6-year lunar nodal tides from altimeter data. <i>Continental Shelf Research</i> , 2010, 30, 575-587.	0.9	34
18	Integrating Jason-2 into a Multiple-Altimeter Climate Data Record. <i>Marine Geodesy</i> , 2010, 33, 504-517.	0.9	37

#	ARTICLE	IF	CITATIONS
19	Mesoscale ocean dynamics observed by satellite altimeters in non-repeat orbits. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	8
20	Investigating ocean altimeter data and applications in the Gulf of Maine. , 2008, , .		0
21	Reply to Comment on "Satellite altimetry and the intensification of Hurricane Katrina". <i>Eos</i> , 2006, 87, 89-89.	0.1	8
22	Satellite Altimeters Measure Tsunami"Early Model Estimates Confirmed. <i>Oceanography</i> , 2005, 18, 11-13.	0.5	58
23	Satellite altimetry and the intensification of Hurricane Katrina. <i>Eos</i> , 2005, 86, 366.	0.1	111
24	Evaluation of the accuracy of the EIGEN-1S and -2 CHAMP-derived gravity field models by satellite crossover altimetry. <i>Journal of Geodesy</i> , 2004, 78, 405-417.	1.6	4
25	Cross-Calibration and Long-Term Monitoring of the Microwave Radiometers of ERS, TOPEX, GFO, Jason, and Envisat. <i>Marine Geodesy</i> , 2004, 27, 279-297.	0.9	47
26	Improved modelling of surface forces in the orbit determination of ERS and ENVISAT. <i>Canadian Journal of Remote Sensing</i> , 2002, 28, 535-543.	1.1	28
27	Application of ERS-2 preare data for orbit determination and gravity field and station coordinate estimation. <i>Advances in Space Research</i> , 2002, 30, 249-254.	1.2	4
28	Combination of Space Techniques into one Integrated Processing Model. <i>International Association of Geodesy Symposia</i> , 2000, , 13-18.	0.2	1
29	Precise orbit determination and gravity field improvement for the ERS satellites. <i>Journal of Geophysical Research</i> , 1998, 103, 8113-8127.	3.3	317
30	Antarctic Elevation Change from 1992 to 1996 . , 1998, 282, 456-458.		297