Victor Zlotnicki

List of Publications by Year
in descending order

#	Article	IF	Citations
1	The evolution of the PO.DAAC: Seasat to SWOT. Advances in Space Research, 2021, 68, 1187-1193.	2.6	4
2	The mean seasonal cycle in relative sea level from satellite altimetry and gravimetry. Journal of Geodesy, 2021, 95, 80.	3.6	9
3	Gravity Recovery and Climate Experiment (GRACE): Detection of Ice Mass Loss, Terrestrial Mass Changes, and Ocean Mass Gains. , 2013, , 123-152.		4
4	Performance of GOCE and GRACE-derived mean dynamic topographies in resolving Antarctic Circumpolar Current fronts. Ocean Dynamics, 2012, 62, 893-905.	2.2	16
5	Gravity Recovery and Climate Experiment (GRACE): Detection of Ice Mass Loss, Terrestrial Mass Changes, and Ocean Mass Gains. , 2012, , 4563-4584.		2
6	A record-high ocean bottom pressure in the South Pacific observed by GRACE. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	38
7	Applying Spaceborne Gravity Measurements to Ocean Studies. Eos, 2011, 92, 145-145.	0.1	1
8	Australian water mass variations from GRACE data linked to Indo-Pacific climate variability. Remote Sensing of Environment, 2011, 115, 2175-2183.	11.0	51
9	Sea State Bias in Radar Altimetry Revisited. Marine Geodesy, 2010, 33, 336-347.	2.0	14
10	Research Satellite Missions. , 2010, , .		5
11	Ocean Measurements from Space in 2025. Oceanography, 2010, 23, 144-161.	1.0	16
12	Mean Dynamic Topography of the Ocean Derived from Satellite and Drifting Buoy Data Using Three Different Techniques*. Journal of Atmospheric and Oceanic Technology, 2009, 26, 1910-1919.	1.3	233
13	The role of horizontal impulses of the faulting continental slope in generating the 26 December 2004 tsunami. Ocean Modelling, 2008, 20, 362-379.	2.4	42
14	Antarctic Circumpolar Current Transport Variability during 2003â€"05 from GRACE. Journal of Physical Oceanography, 2007, 37, 230-244.	1.7	47
15	Spacebased observations of oceanic influence on the annual variation of South American water balance. Geophysical Research Letters, 2006, 33, .	4.0	16
16	Satellite remote sensing of earthquake, volcano, flood, landslide and coastal inundation hazards. ISPRS Journal of Photogrammetry and Remote Sensing, 2005, 59, 185-198.	11.1	382
17	Assessment of the Jason Microwave Radiometer's Measurement of Wet Tropospheric Path Delay Using Comparisons to SSM/I and TMI. Marine Geodesy, 2004, 27, 241-253.	2.0	21
18	Ocean bottom pressure waves predicted in the tropical Pacific. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	14

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19	Time-variable gravity from GRACE: First results. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	628
20	Quality of wind stress fields measured by the skill of a barotropic ocean model: Importance of stability of the Marine Atmospheric Boundary Layer. Geophysical Research Letters, 2003, 30, .	4.0	15
21	Modeling the high-frequency barotropic response of the ocean to atmospheric disturbances: Sensitivity to forcing, topography, and friction. Journal of Geophysical Research, 2001, 106, 30987-30995.	3.3	62
22	TOPEX microwave radiometer performance evaluation, 1992-1998. IEEE Transactions on Geoscience and Remote Sensing, 2000, 38, 1379-1386.	6.3	67
23	Short-period oceanic circulation: Implications for satellite altimetry. Geophysical Research Letters, 2000, 27, 1255-1258.	4.0	81
24	Satellite peers through the oceans from space. Eos, 2000, 81, 68.	0.1	11
25	Comparisons of mesoscale variability in the Semtner-Chervin 1/4Â° model, the Los Alamos Parallel Ocean Program 1/6Â° model, and TOPEX/POSEIDON data. Journal of Geophysical Research, 1997, 102, 25203-25226.	3.3	51
26	Evaluating models of sea state bias in satellite altimetry. Journal of Geophysical Research, 1994, 99, 12581.	3.3	13
27	Correlated environmental corrections in TOPEX/POSEIDON, with a note on ionospheric accuracy. Journal of Geophysical Research, 1994, 99, 24907.	3.3	35
28	Can the weak surface currents of the Cape Verde frontal zone be measured with altimetry?. Journal of Geophysical Research, 1993, 98, 2485-2493.	3.3	11
29	Quantifying time-varying oceanographic signals with altimetry. , 1993, , 144-188.		5
30	Sea Level Differences across the Gulf Stream and Kuroshio Extension. Journal of Physical Oceanography, 1991, 21, 599-609.	1.7	52
31	Sea level variabilities in the Gulf Stream between Cape Hatteras and 50Â°W: A Geosat study. Journal of Geophysical Research, 1990, 95, 17957-17964.	3.3	38
32	The Mean Sea Level of the Gulf Stream Estimated from Satellite Altimetric and Infrared Data. International Association of Geodesy Symposia, 1990, , 108-115.	0.4	2
33	Observing oceanic mesoscale eddies from Geosat altimetry: Preliminary results. Geophysical Research Letters, 1989, 16, 457-460.	4.0	36
34	Altimetry, ship gravimetry, and the general circulation of the North Atlantic. Geophysical Research Letters, 1989, 16, 1011-1014.	4.0	10
35	Satellite Altimetry: Observing Ocean Variability From Space. Oceanography, 1988, 1, 4-4.	1.0	45
36	On the accuracy of gravimetric geoids and the recovery of oceanographic signals from altimetry. Marine Geodesy, 1984, 8, 129-157.	2.0	19

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37	The inverse problem of constructing a gravimetric geoid. Journal of Geophysical Research, 1982, 87, 1835-1848.	3.3	11
38	A NON-BOUSSINESQ TERRAIN-FOLLOWING OGCM FOR OCEANOGRAPHIC AND GEODETIC APPLICATIONS. , 0, , 63-86.		1