R Steven Nerem

List of Publications by Year in descending order

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R Steven Nedem

#	Article	IF	CITATIONS
1	The 2011 La Ni $ ilde{A}$ ±a: So strong, the oceans fell. Geophysical Research Letters, 2012, 39, .	4.0	279
2	Preliminary observations of global ocean mass variations with GRACE. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	235
3	Calibration of TOPEX/Poseidon and Jason Altimeter Data to Construct a Continuous Record of Mean Sea Level Change. Marine Geodesy, 2004, 27, 79-94.	2.0	229
4	Assessing the globally averaged sea level budget on seasonal to interannual timescales. Journal of Geophysical Research, 2008, 113, .	3.3	185
5	Australia's unique influence on global sea level in 2010–2011. Geophysical Research Letters, 2013, 40, 4368-4373.	4.0	174
6	Density and Winds in the Thermosphere Deduced from Accelerometer Data. Journal of Spacecraft and Rockets, 2007, 44, 1210-1219.	1.9	163
7	Is there a 60â€year oscillation in global mean sea level?. Geophysical Research Letters, 2012, 39, .	4.0	163
8	Rotating solar coronal holes and periodic modulation of the upper atmosphere. Geophysical Research Letters, 2008, 35, .	4.0	128
9	Thermospheric density oscillations due to periodic solar wind highâ€speed streams. Journal of Geophysical Research, 2008, 113, .	3.3	111
10	Global thermospheric density variations caused by highâ€speed solar wind streams during the declining phase of solar cycle 23. Journal of Geophysical Research, 2008, 113, .	3.3	81
11	The pole tide and its effect on GRACE timeâ€variable gravity measurements: Implications for estimates of surface mass variations. Journal of Geophysical Research: Solid Earth, 2015, 120, 4597-4615.	3.4	75
12	Understanding of Contemporary Regional Seaâ€Level Change and the Implications for the Future. Reviews of Geophysics, 2020, 58, e2019RG000672.	23.0	74
13	Altimeter-era emergence of the patterns of forced sea-level rise in climate models and implications for the future. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12944-12949.	7.1	61
14	GPS Imaging of Global Vertical Land Motion for Studies of Sea Level Rise. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022355.	3.4	32
15	Investigating the Acceleration of Regional Sea Level Rise During the Satellite Altimeter Era. Geophysical Research Letters, 2020, 47, e2019GL086528.	4.0	30
16	Thermosteric sea level rise for the past 50 years; comparison with tide gauges and inference on water mass contribution. Global and Planetary Change, 2005, 48, 303-312.	3.5	29
17	Ice mass change in Greenland and Antarctica between 1993 and 2013 from satellite gravity measurements. Journal of Geodesy, 2017, 91, 1283-1298.	3.6	29
18	Uncovering the Pattern of Forced Sea Level Rise in the Satellite Altimeter Record. Geophysical Research Letters, 2019, 46, 4844-4853.	4.0	28

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19	Satellite-Satellite Single-Difference Phase Bias Calibration As Applied to Ambiguity Resolution. Navigation, Journal of the Institute of Navigation, 2002, 49, 223-242.	2.8	21
20	Origin of interannual variability in global mean sea level. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13983-13990.	7.1	20
21	Interannual mean sea level change and the Earth's water mass budget. Geophysical Research Letters, 2000, 27, 3073-3076.	4.0	19
22	Impacting Lunar Prospector in a cold trap to detect water ice. Geophysical Research Letters, 1999, 26, 1653-1656.	4.0	14
23	The Seasonality of Global Land and Ocean Mass and the Changing Water Cycle. Geophysical Research Letters, 2021, 48, e2020GL091248.	4.0	11
24	Short-time exosphere evolution following an impulsive vapor release on the Moon. Journal of Geophysical Research, 2001, 106, 32841-32845.	3.3	9
25	An Assessment of Regional ICESatâ€2 Seaâ€Level Trends. Geophysical Research Letters, 2021, 48, e2020GL092327.	4.0	7
26	Detecting time variations in gravity associated with climate change. Journal of Geophysical Research, 2002, 107, ETG 3-1.	3.3	6
27	Characteristics of Satellite-Satellite Single-Difference Widelane Fractional Carrier-Phase Biases. Navigation, Journal of the Institute of Navigation, 2004, 51, 77-92.	2.8	5
28	Reply by the Authors to G. Koppenwallner. Journal of Spacecraft and Rockets, 2008, 45, 1328-1329.	1.9	5
29	Sea Level Rise in the CESM Large Ensemble: The Role of Individual Climate Forcings and Consequences for the Coming Decades. Journal of Climate, 2020, 33, 6911-6927.	3.2	5