

Clark R Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,273
citations

361413

20
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

2471
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainty in GRACE/GRACE-follow on global ocean mass change estimates due to mis-modeled glacial isostatic adjustment and geocenter motion. <i>Scientific Reports</i> , 2022, 12, 6617.	3.3	5
2	Secular polar motion observed by GRACE. <i>Journal of Geodesy</i> , 2021, 95, 40.	3.6	7
3	Sea level fingerprints and regional sea level change. <i>Earth and Planetary Science Letters</i> , 2021, 567, 116985.	4.4	14
4	Error Assessment of GRACE and GRACE Follow-On Mass Change. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022124.	3.4	23
5	Basin-scale River Runoff Estimation From GRACE Gravity Satellites, Climate Models, and In Situ Observations: A Case Study in the Amazon Basin. <i>Water Resources Research</i> , 2020, 56, e2020WR028032.	4.2	36
6	Global Ocean Mass Change From GRACE and GRACE Follow-On and Altimeter and Argo Measurements. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090656.	4.0	47
7	Missing Hydrological Contribution to Sea Level Rise. <i>Geophysical Research Letters</i> , 2019, 46, 12049-12055.	4.0	20
8	Improved Quantification of Global Mean Ocean Mass Change Using GRACE Satellite Gravimetry Measurements. <i>Geophysical Research Letters</i> , 2019, 46, 13984-13991.	4.0	24
9	Global sea level change signatures observed by GRACE satellite gravimetry. <i>Scientific Reports</i> , 2018, 8, 13519.	3.3	37
10	Long-term and seasonal Caspian Sea level change from satellite gravity and altimeter measurements. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 2274-2290.	3.4	58
11	Long-term Caspian Sea level change. <i>Geophysical Research Letters</i> , 2017, 44, 6993-7001.	4.0	97
12	Correlated error reduction in GRACE data over Greenland using extended empirical orthogonal functions. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 5578-5590.	3.4	7
13	Broadband assessment of degree-2 gravitational changes from GRACE and other estimates, 2002-2015. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 2112-2128.	3.4	16
14	Reducing leakage error in GRACE-observed long-term ice mass change: a case study in West Antarctica. <i>Journal of Geodesy</i> , 2015, 89, 925-940.	3.6	92
15	Rapid ice melting drives Earth's pole to the east. <i>Geophysical Research Letters</i> , 2013, 40, 2625-2630.	4.0	72
16	Contribution of ice sheet and mountain glacier melt to recent sea level rise. <i>Nature Geoscience</i> , 2013, 6, 549-552.	12.9	167
17	Interannual variability of Greenland ice losses from satellite gravimetry. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	71
18	The 2009 exceptional Amazon flood and interannual terrestrial water storage change observed by GRACE. <i>Water Resources Research</i> , 2010, 46, .	4.2	218

#	ARTICLE	IF	CITATIONS
19	GRACE's spatial aliasing error. Geophysical Journal International, 2008, 172, 41-48.	2.4	67
20	Gravity Recovery and Climate Experiment (GRACE) alias error from ocean tides. Journal of Geophysical Research, 2008, 113, .	3.3	45
21	Patagonia Icefield melting observed by Gravity Recovery and Climate Experiment (GRACE). Geophysical Research Letters, 2007, 34, .	4.0	126
22	Satellite Gravity Measurements Confirm Accelerated Melting of Greenland Ice Sheet. Science, 2006, 313, 1958-1960.	12.6	348
23	Seasonal global mean sea level change from satellite altimeter, GRACE, and geophysical models. Journal of Geodesy, 2005, 79, 532-539.	3.6	68
24	Total basin discharge for the Amazon and Mississippi River basins from GRACE and a land-atmosphere water balance. Geophysical Research Letters, 2005, 32, .	4.0	154
25	Basin scale estimates of evapotranspiration using GRACE and other observations. Geophysical Research Letters, 2004, 31, .	4.0	405
26	Seasonal sea level change from TOPEX/Poseidon observation and thermal contribution. Journal of Geodesy, 2000, 73, 638-647.	3.6	48
27	Global sea level change signatures observed by GRACE satellite gravimetry. , 0, .		1