

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 | Basin scale estimates of evapotranspiration using GRACE and other observations. <i>Geophysical Research Letters</i> , 2004, 31, . | 4.0 | 405 |
| 2 | Satellite Gravity Measurements Confirm Accelerated Melting of Greenland Ice Sheet. <i>Science</i> , 2006, 313, 1958-1960. | 12.6 | 348 |
| 3 | The 2009 exceptional Amazon flood and interannual terrestrial water storage change observed by GRACE. <i>Water Resources Research</i> , 2010, 46, . | 4.2 | 218 |
| 4 | Contribution of ice sheet and mountain glacier melt to recent sea level rise. <i>Nature Geoscience</i> , 2013, 6, 549-552. | 12.9 | 167 |
| 5 | Total basin discharge for the Amazon and Mississippi River basins from GRACE and a land-atmosphere water balance. <i>Geophysical Research Letters</i> , 2005, 32, . | 4.0 | 154 |
| 6 | Patagonia Icefield melting observed by Gravity Recovery and Climate Experiment (GRACE). <i>Geophysical Research Letters</i> , 2007, 34, . | 4.0 | 126 |
| 7 | Long-term Caspian Sea level change. <i>Geophysical Research Letters</i> , 2017, 44, 6993-7001. | 4.0 | 97 |
| 8 | 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 |
| 9 | Rapid ice melting drives Earth's pole to the east. <i>Geophysical Research Letters</i> , 2013, 40, 2625-2630. | 4.0 | 72 |
| 10 | Interannual variability of Greenland ice losses from satellite gravimetry. <i>Journal of Geophysical Research</i> , 2011, 116, . | 3.3 | 71 |
| 11 | Seasonal global mean sea level change from satellite altimeter, GRACE, and geophysical models. <i>Journal of Geodesy</i> , 2005, 79, 532-539. | 3.6 | 68 |
| 12 | GRACE's spatial aliasing error. <i>Geophysical Journal International</i> , 2008, 172, 41-48. | 2.4 | 67 |
| 13 | 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 |
| 14 | Seasonal sea level change from TOPEX/Poseidon observation and thermal contribution. <i>Journal of Geodesy</i> , 2000, 73, 638-647. | 3.6 | 48 |
| 15 | 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 |
| 16 | Gravity Recovery and Climate Experiment (GRACE) alias error from ocean tides. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 45 |
| 17 | Global sea level change signatures observed by GRACE satellite gravimetry. <i>Scientific Reports</i> , 2018, 8, 13519. | 3.3 | 37 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | Error Assessment of GRACE and GRACE Follow-On Mass Change. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022124. | 3.4 | 23 |
| 21 | Missing Hydrological Contribution to Sea Level Rise. <i>Geophysical Research Letters</i> , 2019, 46, 12049-12055. | 4.0 | 20 |
| 22 | 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 |
| 23 | Sea level fingerprints and regional sea level change. <i>Earth and Planetary Science Letters</i> , 2021, 567, 116985. | 4.4 | 14 |
| 24 | 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 |
| 25 | Secular polar motion observed by GRACE. <i>Journal of Geodesy</i> , 2021, 95, 40. | 3.6 | 7 |
| 26 | 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 |
| 27 | Global sea level change signatures observed by GRACE satellite gravimetry. , 0, . | | 1 |