CÂ k Shum

List of Publications by Year
in descending order

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282	11,018	36303	42399
papers	citations	51 h-index	92 g-index

299	299	299	8468
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of Earthâ€™s polar motion and length of day trends in comparison with estimates using second degree stokes coefficients from satellite gravimetry. Advances in Space Research, 2022, 69, 308-318.	2.6	10
2	Assessment of Contemporary Antarctic GIA Models Using High-Precision GPS Time Series. Remote Sensing, 2022, 14, 1070.	4.0	1
3	Bridging the gap between GRACE and GRACE-FO missions with deep learning aided water storage simulations. Science of the Total Environment, 2022, 830, 154701.	8.0	14
4	Transient hydrology-induced elastic deformation and land subsidence in Australia constrained by contemporary geodetic measurements. Earth and Planetary Science Letters, 2022, 588, 117556.	4.4	9
5	Assessment of spatiotemporal filtering methods towards optimising crustal movement observation network of China (CMONOC) GNSS data processing at different spatial scales. All Earth, 2022, 34, 107-119.	2.1	1
6	Decoupled Lithospheric Folding, Lower Crustal Flow Channels, and the Growth of Tibetan Plateau. Geophysical Research Letters, 2022, 49, .	4.0	2
7	The ambiguous sea level rise at Brestâ€™s 212 yearlong record elucidated. Journal of Geodetic Science, 2021, 11, 95-101.	1.0	1
8	An Adaptive Method for Nonlinear Sea Level Trend Estimation by Combining EMD and SSA. Earth and Space Science, 2021, 8, e2020EA001300.	2.6	3
9	GPS Imaging of Vertical Bedrock Displacements: Quantification of Twoâ€Dimensional Vertical Crustal Deformation in China. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020951.	3.4	24
10	Altimeter-derived marine gravity variations reveal the magma mass motions within the subaqueous Nishinoshima volcano, Izuâ€“Bonin Arc, Japan. Journal of Geodesy, 2021, 95, 1.	3.6	2
11	Antarctic-wide annual ice flow maps from Landsat 8 imagery between 2013 and 2019. International Journal of Digital Earth, 2021, 14, 597-618.	3.9	5
12	Rapid Mass Loss in West Antarctica Revealed by Swarm Gravimetry in the Absence of GRACE. Geophysical Research Letters, 2021, 48, .	4.0	9
13	Impact of semi-annual ionospheric total electron content variation on station displacements using single-frequency PPP. Terrestrial, Atmospheric and Oceanic Sciences, 2021, 32, 541.	0.6	0
14	Seasonal Seismicity in the Lake Biwa Region of Central Japan Moderately Modulated by Lake Water Storage Changes. Journal of Geophysical Research: Solid Earth, 2021, 126, .	3.4	3
15	Water level changes, subsidence, and sea level rise in the Gangesâ€“Brahmaputraâ€“Meghna delta. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1867-1876.	7.1	86
16	Contributions of Greenland GPS Observed Deformation From Multisource Mass Loading Induced Seasonal and Transient Signals. Geophysical Research Letters, 2020, 47, e2020GL088627.	4.0	6
17	Satellite Gravity Constraints on the Antarctic Moho and Its Potential Isostatic Adjustments. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009048.	2.5	3
18	Increased Low Degree Spherical Harmonic Influences on Polar Ice Sheet Mass Change Derived from GRACE Mission. Remote Sensing, 2020, 12, 4178.	4.0	4

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19	An Iterative ICA-Based Reconstruction Method to Produce Consistent Time-Variable Total Water Storage Fields Using GRACE and Swarm Satellite Data. Remote Sensing, 2020, 12, 1639.	4.0	36
20	Quality assessment of global gravity field models in coastal zones: A case study using astrogeodetic vertical deflections in Istanbul, Turkey. Studia Geophysica Et Geodaetica, 2020, 64, 306-329.	0.5	8
21	Response of Tibetan Plateau lakes to climate change: Trends, patterns, and mechanisms. Earth-Science Reviews, 2020, 208, 103269.	9.1	259
22	Are Chinaâ€™s water bodies (lakes) underestimated?. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6308-6309.	7.1	8
23	Relationship between cyanobacterial bloom impacted drinking water sources and hepatocellular carcinoma incidence rates. Harmful Algae, 2020, 95, 101801.	4.8	25
24	The Balance and Abnormal Increase of Global Ocean Mass Change From Land Using GRACE. Earth and Space Science, 2020, 7, e2020EA001104.	2.6	4
25	A statistical protocol for a holistic adjustment of global sea level budget. Journal of Geodetic Science, 2020, 10, 1-6.	1.0	3
26	The certitude of a global sea level acceleration during the satellite altimeter era. Journal of Geodetic Science, 2020, 10, 29-40.	1.0	9
27	Year by year closure adjustment of global mean sea level budget, inclusive of lumped snow, water vapor, and permafrost mass components. Journal of Geodetic Science, 2020, 10, 83-90.	1.0	3
28	Conflation of satellite altimetry and tide gauge records at coast. Journal of Geodetic Science, 2020, 10, 62-68.	1.0	4
29	Recent and future manifestations of a contingent global mean sea level acceleration. Journal of Geodetic Science, 2020, 10, 153-162.	1.0	4
30	Global River Radar Altimetry Time Series (GRRATS): new river elevation earth science data records for the hydrologic community. Earth System Science Data, 2020, 12, 137-150.	9.9	25
31	Description of the multi-approach gravity field models from Swarm GPS data. Earth System Science Data, 2020, 12, 1385-1417.	9.9	36
32	Tidal-driven variation of suspended sediment in Hangzhou Bay based on GOCI data. International Journal of Applied Earth Observation and Geoinformation, 2019, 82, 101920.	2.8	16
33	Presentâ€Day Subsidence in the Gangesâ€Brahmaputraâ€Meghna Delta: Eastern Amplification of the Holocene Sediment Loading Contribution. Geophysical Research Letters, 2019, 46, 10764-10772.	4.0	15
34	Evaluating GRACE Mass Change Time Series for the Antarctic and Greenland Ice Sheetâ€”Methods and Results. Geosciences (Switzerland), 2019, 9, 415.	2.2	26
35	Assessment of Cryosat-2 and SARAL/AltiKa altimetry for measuring inland water and coastal sea level variations: A case study on Tibetan Plateau lake and Taiwan Coast. Marine Geodesy, 2019, 42, 327-343.	2.0	13
36	Characterizing receiver clock behaviors onboard Low Earth Orbiters: AÂcase study of GRACE satellites. Geodesy and Geodynamics, 2019, 10, 276-281.	2.2	2

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37	Evaluation and improvement of coastal GNSS reflectometry sea level variations from existing GNSS stations in Taiwan. Advances in Space Research, 2019, 63, 1280-1288.	2.6	12
38	Regional differences of lake evolution across China during 1960sâ€“2015 and its natural and anthropogenic causes. Remote Sensing of Environment, 2019, 221, 386-404.	11.0	252
39	Understanding the global hydrological droughts of 2003â€“2016 and their relationships with teleconnections. Science of the Total Environment, 2019, 650, 2587-2604.	8.0	121
40	Using MODIS/Terra and Landsat imageries to improve surface water quantification in Sylhet, Bangladesh. Terrestrial, Atmospheric and Oceanic Sciences, 2019, 30, 111-126.	0.6	2
41	Introduction to the special issue on Tibet: Contemporary geodetic-geophysical observations and interpretations. Terrestrial, Atmospheric and Oceanic Sciences, 2019, 30, 1-5.	0.6	17
42	Optimal mathematical and statistical models to estimate vertical crustal movements using satellite altimetry and tide gauge data. Journal of Geodetic Science, 2019, 9, 144-153.	1.0	2
43	Evaluating IMERG V04 Final Run for Monitoring Three Heavy Rain Events Over Mainland China in 2016. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 444-448.	3.1	13
44	Contributions of a Strengthened Early Holocene Monsoon and Sediment Loading to Presentâ€Day Subsidence of the Gangesâ€Brahmaputra Delta. Geophysical Research Letters, 2018, 45, 1433-1442.	4.0	24
45	The effect of Earth's oblateness on the seismic moment estimation from satellite gravimetry. Geophysical Journal International, 2018, 213, 1297-1304.	2.4	1
46	A New Estimate of North American Mountain Snow Accumulation From Regional Climate Model Simulations. Geophysical Research Letters, 2018, 45, 1423-1432.	4.0	46
47	A study of Bangladesh's sub-surface water storages using satellite products and data assimilation scheme. Science of the Total Environment, 2018, 625, 963-977.	8.0	41
48	Developing a Complex Independent Component Analysis (CICA) Technique to Extract Non-stationary Patterns from Geophysical Time Series. Surveys in Geophysics, 2018, 39, 435-465.	4.6	17
49	GNSS Transpolar Earth Reflectometry exploriNg System (G-TERN): Mission Concept. IEEE Access, 2018, 6, 13980-14018.	4.2	55
50	Recent high-resolution Antarctic ice velocity maps reveal increased mass loss in Wilkes Land, East Antarctica. Scientific Reports, 2018, 8, 4477.	3.3	46
51	High-Resolution Interannual Mass Anomalies of the Antarctic Ice Sheet by Combining GRACE Gravimetry and ENVISAT Altimetry. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 539-546.	6.3	5
52	Sea level accelerations at globally distributed tide gauge stations during the satellite altimetry era. Journal of Geodetic Science, 2018, 8, 130-135.	1.0	12
53	Groundwater Storage Changes in China from Satellite Gravity: An Overview. Remote Sensing, 2018, 10, 674.	4.0	142
54	Spatially varying surface seasonal oscillations and 3-D crustal deformation of the Tibetan Plateau derived from GPS and GRACE data. Earth and Planetary Science Letters, 2018, 502, 12-22.	4.4	68

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55	Satellite altimetry for measuring river stages in remote regions. Environmental Earth Sciences, 2018, 77, 1.	2.7	3
56	Evaluating non-tidal atmospheric products by measuring GRACE K-band range rate residuals. Geophysical Journal International, 2018, 215, 1132-1147.	2.4	4
57	Global sea-level budget 1993â€“present. Earth System Science Data, 2018, 10, 1551-1590.	9.9	409
58	Towards improved storm surge models in the northern Bay of Bengal. Continental Shelf Research, 2017, 135, 58-73.	1.8	46
59	The Ice, Cloud, and land Elevation Satellite-2 (ICESat-2): Science requirements, concept, and implementation. Remote Sensing of Environment, 2017, 190, 260-273.	11.0	600
60	Recent Glacier Dynamics in the Northern Novaya Zemlya Observed by Multiple Geodetic Techniques. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1290-1302.	4.9	4
61	Metamorphic CO2 production in calc-silicate rocks from the eastern Himalaya. Italian Journal of Geosciences, 2017, 136, 39-49.	0.8	8
62	Lake volume and groundwater storage variations in Tibetan Plateau's endorheic basin. Geophysical Research Letters, 2017, 44, 5550-5560.	4.0	305
63	Inferring regional vertical crustal velocities from averaged relative sea level trends: A proof of concept. Journal of Geodetic Science, 2017, 7, .	1.0	2
64	Extensive and drastically different alpine lake changes on Asia's high plateaus during the past four decades. Geophysical Research Letters, 2017, 44, 252-260.	4.0	223
65	Multichannel singular spectrum analysis of the axial atmospheric angular momentum. Geodesy and Geodynamics, 2017, 8, 433-442.	2.2	11
66	Ten-year survey of cyanobacterial blooms in Ohioâ€™s waterbodies using satellite remote sensing. Harmful Algae, 2017, 66, 13-19.	4.8	30
67	Impact of Geophysical and Datum Corrections on Absolute Sea-Level Trends from Tide Gauges around Taiwan, 1993â€“2015. Water (Switzerland), 2017, 9, 480.	2.7	8
68	Satellite Remote Sensing of Drinking Water Intakes in Lake Erie for Cyanobacteria Population Using Two MODIS-Based Indicators as a Potential Tool for Toxin Tracking. Frontiers in Marine Science, 2017, 4, .	2.5	21
69	Spatiotemporal variability and environmental factors of harmful algal blooms (HABs) over western Lake Erie. PLoS ONE, 2017, 12, e0179622.	2.5	12
70	Improving Jason-2 Sea Surface Heights within 10 km Offshore by Retracking Decontaminated Waveforms. Remote Sensing, 2017, 9, 1077.	4.0	15
71	Characterization of Active Layer Thickening Rate over the Northern Qinghai-Tibetan Plateau Permafrost Region Using ALOS Interferometric Synthetic Aperture Radar Data, 2007â€“2009. Remote Sensing, 2017, 9, 84.	4.0	32
72	Assessment of the Impact of Reservoirs in the Upper Mekong River Using Satellite Radar Altimetry and Remote Sensing Imageries. Remote Sensing, 2016, 8, 367.	4.0	18

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73	Quantifying Freshwater Mass Balance in the Central Tibetan Plateau by Integrating Satellite Remote Sensing, Altimetry, and Gravimetry. Remote Sensing, 2016, 8, 441.	4.0	10
74	Improved Envisat Altimetry Ice Sheet Elevation Change Data Processing Algorithms Using Repeat-Track Analysis. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1099-1103.	3.1	6
75	Compiling a new glacier inventory for southeastern Qinghaiâ€"Tibet Plateau from Landsat and PALSAR data. Journal of Glaciology, 2016, 62, 579-592.	2.2	22
76	Improved source parameter constraints for five undersea earthquakes from north component of GRACE gravity and gravity gradient change measurements. Earth and Planetary Science Letters, 2016, 443, 118-128.	4.4	12
77	Remote sensing of glacier distribution and change over the Qinghai-Tibet Plateau. , 2016, , .		2
78	Sea level budget in the <scp>B</scp>ay of <scp>B</scp>engal (2002â€"2014) from <scp>GRACE</scp> and altimetry. Journal of Geophysical Research: Oceans, 2016, 121, 1194-1217.	2.6	29
79	Improved Bathymetric Dataset and Tidal Model for the Northern Bay of Bengal. Marine Geodesy, 2016, 39, 422-438.	2.0	31
80	Interannual and Decadal Sea Surface Height Variability Over the Northwest Atlantic Slope. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5071-5078.	4.9	3
81	A possible interrelation between Earth rotation and climatic variability at decadal time-scale. Geodesy and Geodynamics, 2016, 7, 216-222.	2.2	31
82	GEROS-ISS: GNSS REflectometry, Radio Occultation, and Scatterometry Onboard the International Space Station. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 4552-4581.	4.9	99
83	Time-varying land subsidence detected by radar altimetry: California, Taiwan and north China. Scientific Reports, 2016, 6, 28160.	3.3	35
84	Innovative sea surface monitoring with GNSS-REflectometry aboard ISS: Overview and recent results from GEROS-ISS. , 2016, , .		1
85	Integrating Landsat Imageries and Digital Elevation Models to Infer Water Level Change in Hoover Dam. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 1696-1709.	4.9	41
86	An oblate ellipsoidal approach to update a high-resolution geopotential model over the oceans: Study case of EGM2008 and DTU10. Advances in Space Research, 2016, 57, 2-18.	2.6	3
87	Are General Circulation Models Ready for Operational Streamflow Forecasting for Water Management in the Ganges and Brahmaputra River Basins?. Journal of Hydrometeorology, 2016, 17, 195-210.	1.9	14
88	Discharge and waterâ€depth estimates for ungauged rivers: Combining hydrologic, hydraulic, and inverse modeling with stage and waterâ€area measurements from satellites. Water Resources Research, 2015, 51, 6017-6035.	4.2	45
89	Moho topography, ranges and folds of Tibet by analysis of global gravity models and GOCE data. Scientific Reports, 2015, 5, 11681.	3.3	39
90	Satellite radar altimetry for monitoring small rivers and lakes in Indonesia. Hydrology and Earth System Sciences, 2015, 19, 341-359.	4.9	88

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91	Gravity Changes over Russian River Basins from GRACE. , 2015, , 45-59.		6
92	Tidal river management in Bangladesh. Nature Climate Change, 2015, 5, 492-492.	18.8	10
93	Cyanobacteria blooms and non-alcoholic liver disease: evidence from a county level ecological study in the United States. Environmental Health, 2015, 14, 41.	4.0	78
94	On the energy integral formulation of gravitational potential differences from satellite-to-satellite tracking. Celestial Mechanics and Dynamical Astronomy, 2015, 121, 415-429.	1.4	18
95	Ground subsidence in Tucson, Arizona, monitored by time-series analysis using multi-sensor InSAR datasets from 1993 to 2011. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 107, 126-141.	11.1	33
96	On the formulation of gravitational potential difference between the GRACE satellites based on energy integral in Earth fixed frame. Geophysical Journal International, 2015, 202, 1792-1804.	2.4	3
97	High resolution Greenland ice sheet inter-annual mass variations combining GRACE gravimetry and Envisat altimetry. Earth and Planetary Science Letters, 2015, 422, 11-17.	4.4	19
98	GRACE time-variable gravity field recovery using an improved energy balance approach. Geophysical Journal International, 2015, 203, 1773-1786.	2.4	19
99	First accuracy assessment of the HY-2A altimeter sea surface height observations: Cross-calibration results. Advances in Space Research, 2015, 55, 90-105.	2.6	43
100	Study of the variation of schistosomiasis risk in Lake Poyang in the Peopleâ€™s Republic of China using multiple space-borne sensors for monitoring and modelling. Geospatial Health, 2014, 8, 353.	0.8	5
101	A Promising Radar Altimetry Satellite System for Operational Flood Forecasting in Flood-Prone Bangladesh. IEEE Geoscience and Remote Sensing Magazine, 2014, 2, 27-36.	9.6	31
102	Improved constraints on seismic source parameters of the 2011 Tohoku earthquake from GRACE gravity and gravity gradient changes. Geophysical Research Letters, 2014, 41, 1929-1936.	4.0	24
103	Earth Surface Deformation in the North China Plain Detected by Joint Analysis of GRACE and GPS Data. Sensors, 2014, 14, 19861-19876.	3.8	37
104	Crossing the â€œValley of Deathâ€: Lessons Learned from Implementing an Operational Satellite-Based Flood Forecasting System. Bulletin of the American Meteorological Society, 2014, 95, 1201-1207.	3.3	31
105	Satellite Precipitation Dataâ€“Driven Hydrological Modeling for Water Resources Management in the Ganges, Brahmaputra, and Meghna Basins. Earth Interactions, 2014, 18, 1-25.	1.5	53
106	Accuracy assessment of global barotropic ocean tide models. Reviews of Geophysics, 2014, 52, 243-282.	23.0	338
107	Freeboard and mass extraction of the disintegrated Mertz Ice Tongue with remote sensing and altimetry data. Remote Sensing of Environment, 2014, 144, 1-10.	11.0	11
108	The Improved Retrieval of Coastal Sea Surface Heights by Retracking Modified Radar Altimetry Waveforms. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 991-1001.	6.3	27

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109	Multivariate Prediction of Total Water Storage Changes Over West Africa from Multi-Satellite Data. Surveys in Geophysics, 2014, 35, 913-940.	4.6	72
110	Proof of Concept of an Altimeter-Based River Forecasting System for Transboundary Flow Inside Bangladesh. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 587-601.	4.9	71
111	Monitoring Everglades freshwater marsh water level using L-band synthetic aperture radar backscatter. Remote Sensing of Environment, 2014, 150, 66-81.	11.0	53
112	Wetlands: Coastal, InSAR Mapping. , 2014, , 546-552.		0
113	A technique to improve the accuracy of Earth orientation prediction algorithms based on least squares extrapolation. Journal of Geodynamics, 2013, 70, 36-48.	1.6	22
114	Analysis of Paleoclimate Records for Understanding the Tropical Hydrologic Cycle in Abrupt Climate Change. , 2013, , 127-139.		3
115	Modeling tides and their influence on the circulation in Prince William Sound, Alaska. Continental Shelf Research, 2013, 63, S126-S137.	1.8	14
116	Elevation changes of Bering Glacier System, Alaska, from 1992 to 2010, observed by satellite radar altimetry. Remote Sensing of Environment, 2013, 132, 40-48.	11.0	20
117	From TOPEX/Poseidon to Jason-2/OSTM in the Amazon basin. Advances in Space Research, 2013, 51, 1542-1550.	2.6	26
118	Detection of Envisat RA2/ICE-1 retracked radar altimetry bias over the Amazon basin rivers using GPS. Advances in Space Research, 2013, 51, 1551-1564.	2.6	36
119	The Performance of Altimeter Waveform Retrackers at Lake Baikal. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 513.	0.6	17
120	Evidences of Seasonal Variation in Altimetry Derived Ocean Tides in the Subarctic Ocean. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 605.	0.6	5
121	On the Accuracy of Glacial Isostatic Adjustment Models for Geodetic Observations to Estimate Arctic Ocean Sea-Level Change. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 471.	0.6	6
122	Envisat Altimetry Radar Waveform Retracking of Quasi-Specular Echoes over the Ice-Covered Qinghai Lake. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 615.	0.6	21
123	Toward a Methodology to Investigate the Downstream Flood Hazards on the American River due to Changes in Probable Maximum Flood due to Effects of Artificial Reservoir Size and Land-Use/Land-Cover Patterns. Earth Interactions, 2013, 17, 1-24.	1.5	10
124	Hurricane Sandy Storm Surge Measured by Satellite Altimetry. Oceanography, 2013, 26, .	1.0	22
125	Surface Force Modeling for Precision Orbit Determination. Geophysical Monograph Series, 2013, , 111-124.	0.1	11
126	Global sea level trends in the presence of variable sea level velocities, and variable accelerations. Journal of Geodetic Science, 2013, 3, 127-135.	1.0	4

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127	Global Distribution of Outbreaks of Water-Associated Infectious Diseases. PLoS Neglected Tropical Diseases, 2012, 6, e1483.	3.0	99
128	Uncovered spurious jumps in the GRACE atmospheric de-aliasing data: potential contamination of GRACE observed mass change. Geophysical Journal International, 2012, 191, 83-87.	2.4	14
129	Continuously accelerating ice loss over Amundsen Sea catchment, West Antarctica, revealed by integrating altimetry and GRACE data. Earth and Planetary Science Letters, 2012, 321-322, 74-80.	4.4	28
130	Coseismic slip of the 2010 Mw 8.8 Great Maule, Chile, earthquake quantified by the inversion of GRACE observations. Earth and Planetary Science Letters, 2012, 335-336, 167-179.	4.4	48
131	Gravitational gradient changes following the 2004 December 26 Sumatra-Andaman Earthquake inferred from GRACE. Geophysical Journal International, 2012, , no-no.	2.4	18
132	Coseismic and postseismic deformation of the 2011 Tohokuâ€Oki earthquake constrained by GRACE gravimetry. Geophysical Research Letters, 2012, 39, .	4.0	53
133	Regional surface mass anomalies from GRACE KBR measurements: Application of Lâ€curve regularization anda priori hydrological knowledge. Journal of Geophysical Research, 2012, 117, .	3.3	20
134	Calibration of twoâ€dimensional floodplain modeling in the central Atchafalaya Basin Floodway System using SAR interferometry. Water Resources Research, 2012, 48, .	4.2	36
135	Comparisons among contemporary glacial isostatic adjustment models. Journal of Geodynamics, 2012, 61, 129-137.	1.6	24
136	Comparison of Two Methods to Assess Ocean Tide Models. Journal of Atmospheric and Oceanic Technology, 2012, 29, 1159-1167.	1.3	11
137	Fusion of gravity gradient and magnetic field data for discrimination of anomalies using deformation analysis. Geophysics, 2012, 77, F13-F20.	2.6	8
138	Merging tsunamis of the 2011 Tohokuâ€Oki earthquake detected over the open ocean. Geophysical Research Letters, 2012, 39, .	4.0	46
139	Assessing consistency of Changâ€™E-1 and SELENE reference frames using nearly-colocated laser altimetry footprint positions. Journal of Geodesy, 2012, 86, 109-117.	3.6	4
140	Characterization of terrestrial water dynamics in the Congo Basin using GRACE and satellite radar altimetry. Remote Sensing of Environment, 2011, 115, 3530-3538.	11.0	128
141	Fuzzy-wavelet based prediction of Earth rotation parameters. Applied Soft Computing Journal, 2011, 11, 837-841.	7.2	34
142	Effects of Gaussian filter in processing GRACE data: Gravity rate of change at Lhasa, southern Tibet. Science China Earth Sciences, 2011, 54, 1378-1385.	5.2	6
143	Comparing satellite derived precipitation datasets using the Hillslope River Routing (HRR) model in the Congo River Basin. Hydrological Processes, 2011, 25, 3216-3229.	2.6	83
144	Prospects of Global Navigation Satellite System (GNSS) reflectometry for geodynamic studies. Advances in Space Research, 2011, 47, 1814-1822.	2.6	3

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145	Inter-comparison study of water level estimates derived from hydrodynamicâ€“hydrologic model and satellite altimetry for a complex deltaic environment. Remote Sensing of Environment, 2011, 115, 1522-1531.	11.0	51
146	Absolute Calibration of Jason Radar Altimeters from GPS Kinematic Campaigns Over Lake Issykkul. Marine Geodesy, 2011, 34, 291-318.	2.0	41
147	An improved geometric lunar figure from Chang'E-1 and SELENE laser altimetry. Journal of Applied Geodesy, 2011, 5, .	1.1	0
148	Accuracy assessment of lunar topography models. Earth, Planets and Space, 2011, 63, 15-23.	2.5	9
149	Satellite Observed Environmental Changes over the Qinghai-Tibetan Plateau. Terrestrial, Atmospheric and Oceanic Sciences, 2011, 22, 229-239.	0.6	10
150	Geodetic Constraints on the Qinghai-Tibetan Plateau Present-Day Geophysical Processes. Terrestrial, Atmospheric and Oceanic Sciences, 2011, 22, 241-253.	0.6	10
151	Present-Day Lake Level Variation from Envisat Altimetry over the Northeastern Qinghai-Tibetan Plateau: Links with Precipitation and Temperature. Terrestrial, Atmospheric and Oceanic Sciences, 2011, 22, 169-175.	0.6	39
152	Preface to the Special Issue on Geodynamic and Climate-Change Processes over Tibet, Xinjiang and Siberia. Terrestrial, Atmospheric and Oceanic Sciences, 2011, 22, 001.	0.6	0
153	Multichannel singular spectrum analysis of the gravity field data from GRACE satellites. AIP Conference Proceedings, 2010, , .	0.4	10
154	Non-isotropic Gaussian smoothing and leakage reduction for determining mass changes over land and ocean using GRACE data. Geophysical Journal International, 2010, 181, 290-302.	2.4	67
155	Global Sea Level Rise: Recent Progress and Challenges for the Decade to Come. Oceanography, 2010, 23, 26-37.	1.0	60
156	A 3â€Ð dataâ€assimilative tidal model of the northwest Atlantic. Atmosphere - Ocean, 2010, 48, 39-57.	1.6	13
157	Evaluation of Ocean Tide Models Used for Jason-2 Altimetry Corrections. Marine Geodesy, 2010, 33, 285-303.	2.0	20
158	Regional Validation of Jason-2 Dual-Frequency Ionosphere Delays. Marine Geodesy, 2010, 33, 272-284.	2.0	13
159	Lake Surface Height Calibration of Jason-1 and Jason-2 Over the Great Lakes. Marine Geodesy, 2010, 33, 186-203.	2.0	27
160	Characterization of surface water storage changes in Arctic lakes using simulated SWOT measurements. International Journal of Remote Sensing, 2010, 31, 3931-3953.	2.9	66
161	Solid earth deformation monitoring using satellite altimetry in southwestern coasts in Taiwan. , 2010, , .		1
162	Application of retracked satellite altimetry for inland hydrologic studies. International Journal of Remote Sensing, 2010, 31, 3913-3929.	2.9	23

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163	Validation of Jason-2 Altimeter Data by Waveform Retracking over California Coastal Ocean. Marine Geodesy, 2010, 33, 304-316.	2.0	35
164	Baltic Sea Mass Variations from GRACE: Comparison with In Situ and Modelled Sea Level Heights. International Association of Geodesy Symposia, 2010, , 571-577.	0.4	8
165	Inter-annual Water Storage Changes in Asia from GRACE Data. , 2010, , 69-83.		8
166	Observation and Geophysical Causes of Present-Day Sea-Level Rise. , 2010, , 85-104.		3
167	Helmand River Hydrologic Studies Using ALOS PALSAR InSAR and ENVISAT Altimetry. Marine Geodesy, 2009, 32, 320-333.	2.0	29
168	Lunar Global Shape and Polar Topography Derived from Kaguya-LALT Laser Altimetry. Science, 2009, 323, 897-900.	12.6	263
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