

# CÂ k Shum

## List of Publications by Year in descending order

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282  
papers

11,018  
citations

36303

51  
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42399

92  
g-index

299  
all docs

299  
docs citations

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times ranked

8468  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ice, Cloud, and land Elevation Satellite-2 (ICESat-2): Science requirements, concept, and implementation. <i>Remote Sensing of Environment</i> , 2017, 190, 260-273.	11.0	600
2	Global sea-level budget 1993â€“present. <i>Earth System Science Data</i> , 2018, 10, 1551-1590.	9.9	409
3	Accuracy assessment of global barotropic ocean tide models. <i>Reviews of Geophysics</i> , 2014, 52, 243-282.	23.0	338
4	Lake volume and groundwater storage variations in Tibetan Plateau's endorheic basin. <i>Geophysical Research Letters</i> , 2017, 44, 5550-5560.	4.0	305
5	Antarctic Elevation Change from 1992&nbsp;to 1996&nbsp;, 1998, 282, 456-458.		297
6	Crustal Dilatation Observed by GRACE After the 2004 Sumatra-Andaman Earthquake. <i>Science</i> , 2006, 313, 658-662.	12.6	279
7	Lunar Global Shape and Polar Topography Derived from Kaguya-LALT Laser Altimetry. <i>Science</i> , 2009, 323, 897-900.	12.6	263
8	The Joint Gravity Model 3. <i>Journal of Geophysical Research</i> , 1996, 101, 28029-28049.	3.3	262
9	Response of Tibetan Plateau lakes to climate change: Trends, patterns, and mechanisms. <i>Earth-Science Reviews</i> , 2020, 208, 103269.	9.1	259
10	Accuracy assessment of recent ocean tide models. <i>Journal of Geophysical Research</i> , 1997, 102, 25173-25194.	3.3	255
11	Regional differences of lake evolution across China during 1960sâ€“2015 and its natural and anthropogenic causes. <i>Remote Sensing of Environment</i> , 2019, 221, 386-404.	11.0	252
12	Precision orbit determination for TOPEX/POSEIDON. <i>Journal of Geophysical Research</i> , 1994, 99, 24383.	3.3	225
13	Extensive and drastically different alpine lake changes on Asia's high plateaus during the past four decades. <i>Geophysical Research Letters</i> , 2017, 44, 252-260.	4.0	223
14	Gravity model development for TOPEX/POSEIDON: Joint Gravity Models 1 and 2. <i>Journal of Geophysical Research</i> , 1994, 99, 24421.	3.3	184
15	Groundwater Storage Changes in China from Satellite Gravity: An Overview. <i>Remote Sensing</i> , 2018, 10, 674.	4.0	142
16	Non-isotropic filtering of GRACE temporal gravity for geophysical signal enhancement. <i>Geophysical Journal International</i> , 2005, 163, 18-25.	2.4	138
17	Characterization of terrestrial water dynamics in the Congo Basin using GRACE and satellite radar altimetry. <i>Remote Sensing of Environment</i> , 2011, 115, 3530-3538.	11.0	128
18	Understanding the global hydrological droughts of 2003â€“2016 and their relationships with teleconnections. <i>Science of the Total Environment</i> , 2019, 650, 2587-2604.	8.0	121

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19	Temporal variations in low degree zonal harmonics from Starlette orbit analysis. <i>Geophysical Research Letters</i> , 1989, 16, 393-396.	4.0	118
20	On the postprocessing removal of correlated errors in GRACE temporal gravity field solutions. <i>Journal of Geodesy</i> , 2009, 83, 1095-1106.	3.6	116
21	Calibration of TOPEX/POSEIDON at Platform Harvest. <i>Journal of Geophysical Research</i> , 1994, 99, 24465.	3.3	102
22	Time-variable aliasing effects of ocean tides, atmosphere, and continental water mass on monthly mean GRACE gravity field. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	102
23	Integrated analysis of PALSAR/Radarsat-1 InSAR and ENVISAT altimeter data for mapping of absolute water level changes in Louisiana wetlands. <i>Remote Sensing of Environment</i> , 2009, 113, 2356-2365.	11.0	101
24	Progress in the determination of the gravitational coefficient of the Earth. <i>Geophysical Research Letters</i> , 1992, 19, 529-531.	4.0	99
25	Global Distribution of Outbreaks of Water-Associated Infectious Diseases. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1483.	3.0	99
26	GEROS-ISS: GNSS Reflectometry, Radio Occultation, and Scatterometry Onboard the International Space Station. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 4552-4581.	4.9	99
27	Determination of long-term changes in the Earth's gravity field from satellite laser ranging observations. <i>Journal of Geophysical Research</i> , 1997, 102, 22377-22390.	3.3	94
28	Satellite radar altimetry for monitoring small rivers and lakes in Indonesia. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 341-359.	4.9	88
29	Water level changes, subsidence, and sea level rise in the Gangesâ€“Brahmaputraâ€“Meghna delta. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1867-1876.	7.1	86
30	Comparing satellite derived precipitation datasets using the Hillslope River Routing (HRR) model in the Congo River Basin. <i>Hydrological Processes</i> , 2011, 25, 3216-3229.	2.6	83
31	Accuracy assessment of the large-scale dynamic ocean topography from TOPEX/POSEIDON altimetry. <i>Journal of Geophysical Research</i> , 1994, 99, 24605.	3.3	80
32	Cyanobacteria blooms and non-alcoholic liver disease: evidence from a county level ecological study in the United States. <i>Environmental Health</i> , 2015, 14, 41.	4.0	78
33	Robust estimation of systematic errors of satellite laser range. <i>Journal of Geodesy</i> , 1999, 73, 345-349.	3.6	77
34	Multivariate Prediction of Total Water Storage Changes Over West Africa from Multi-Satellite Data. <i>Surveys in Geophysics</i> , 2014, 35, 913-940.	4.6	72
35	Determination of the ocean circulation using Geosat altimetry. <i>Journal of Geophysical Research</i> , 1990, 95, 3163-3179.	3.3	71
36	Vertical crustal motion determined by satellite altimetry and tide gauge data in Fennoscandia. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	71

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37	Improved estimation of terrestrial water storage changes from GRACE. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	71
38	Proof of Concept of an Altimeter-Based River Forecasting System for Transboundary Flow Inside Bangladesh. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 587-601.	4.9	71
39	Determination of ocean tides from the first year of TOPEX/POSEIDON altimeter measurements. <i>Journal of Geophysical Research</i> , 1994, 99, 24809.	3.3	70
40	Spatially varying surface seasonal oscillations and 3-D crustal deformation of the Tibetan Plateau derived from GPS and GRACE data. <i>Earth and Planetary Science Letters</i> , 2018, 502, 12-22.	4.4	68
41	Non-isotropic Gaussian smoothing and leakage reduction for determining mass changes over land and ocean using GRACE data. <i>Geophysical Journal International</i> , 2010, 181, 290-302.	2.4	67
42	Characterization of surface water storage changes in Arctic lakes using simulated SWOT measurements. <i>International Journal of Remote Sensing</i> , 2010, 31, 3931-3953.	2.9	66
43	Global Sea Level Rise: Recent Progress and Challenges for the Decade to Come. <i>Oceanography</i> , 2010, 23, 26-37.	1.0	60
44	Variations of global mesoscale eddy energy observed from Geosat. <i>Journal of Geophysical Research</i> , 1990, 95, 17865-17876.	3.3	58
45	Calibration of JASON-1 Altimeter over Lake Erie Special Issue: Jason-1 Calibration/Validation. <i>Marine Geodesy</i> , 2003, 26, 335-354.	2.0	58
46	Regional 4-D modeling of the ionospheric electron density. <i>Advances in Space Research</i> , 2008, 42, 782-790.	2.6	58
47	Hydrological and oceanic excitations to polar motion and length-of-day variation. <i>Geophysical Journal International</i> , 2000, 141, 149-156.	2.4	56
48	Laurentia crustal motion observed using TOPEX/POSEIDON radar altimetry over land. <i>Journal of Geodynamics</i> , 2008, 46, 182-193.	1.6	56
49	GNSS Transpolar Earth Reflectometry exploriNg System (G-TERN): Mission Concept. <i>IEEE Access</i> , 2018, 6, 13980-14018.	4.2	55
50	The accuracy and applications of satellite altimetry. <i>Geophysical Journal International</i> , 1995, 121, 321-336.	2.4	54
51	Coseismic and postseismic deformation of the 2011 Tohoku earthquake constrained by GRACE gravimetry. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	53
52	Satellite Precipitation Data-Driven Hydrological Modeling for Water Resources Management in the Ganges, Brahmaputra, and Meghna Basins. <i>Earth Interactions</i> , 2014, 18, 1-25.	1.5	53
53	Monitoring Everglades freshwater marsh water level using L-band synthetic aperture radar backscatter. <i>Remote Sensing of Environment</i> , 2014, 150, 66-81.	11.0	53
54	Inter-comparison study of water level estimates derived from hydrodynamic hydrologic model and satellite altimetry for a complex deltaic environment. <i>Remote Sensing of Environment</i> , 2011, 115, 1522-1531.	11.0	51

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55	Seasonal sea level change from TOPEX/Poseidon observation and thermal contribution. <i>Journal of Geodesy</i> , 2000, 73, 638-647.	3.6	48
56	The 26 December 2004 tsunami source estimated from satellite radar altimetry and seismic waves. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	48
57	Coseismic slip of the 2010 Mw 8.8 Great Maule, Chile, earthquake quantified by the inversion of GRACE observations. <i>Earth and Planetary Science Letters</i> , 2012, 335-336, 167-179.	4.4	48
58	Merging tsunamis of the 2011 Tohokuâ€œoki earthquake detected over the open ocean. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	46
59	Towards improved storm surge models in the northern Bay of Bengal. <i>Continental Shelf Research</i> , 2017, 135, 58-73.	1.8	46
60	A New Estimate of North American Mountain Snow Accumulation From Regional Climate Model Simulations. <i>Geophysical Research Letters</i> , 2018, 45, 1423-1432.	4.0	46
61	Recent high-resolution Antarctic ice velocity maps reveal increased mass loss in Wilkes Land, East Antarctica. <i>Scientific Reports</i> , 2018, 8, 4477.	3.3	46
62	Use of GRACE determined secular gravity rates for glacial isostatic adjustment studies in North-America. <i>Journal of Geodynamics</i> , 2008, 46, 144-154.	1.6	45
63	Discharge and waterâ€œdepth estimates for ungauged rivers: Combining hydrologic, hydraulic, and inverse modeling with stage and waterâ€œarea measurements from satellites. <i>Water Resources Research</i> , 2015, 51, 6017-6035.	4.2	45
64	Signals of extreme weather conditions in Central Europe in GRACE 4-D hydrological mass variations. <i>Earth and Planetary Science Letters</i> , 2008, 268, 165-170.	4.4	44
65	Vertical Motion Determined Using Satellite Altimetry and Tide Gauges. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2008, 19, 21.	0.6	44
66	Louisiana Wetland Water Level Monitoring Using Retracked TOPEX/POSEIDON Altimetry. <i>Marine Geodesy</i> , 2009, 32, 284-302.	2.0	44
67	First accuracy assessment of the HY-2A altimeter sea surface height observations: Cross-calibration results. <i>Advances in Space Research</i> , 2015, 55, 90-105.	2.6	43
68	The role of horizontal impulses of the faulting continental slope in generating the 26 December 2004 tsunami. <i>Ocean Modelling</i> , 2008, 20, 362-379.	2.4	42
69	Absolute Calibration of Jason Radar Altimeters from GPS Kinematic Campaigns Over Lake Issykkul. <i>Marine Geodesy</i> , 2011, 34, 291-318.	2.0	41
70	Integrating Landsat Imageries and Digital Elevation Models to Infer Water Level Change in Hoover Dam. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 1696-1709.	4.9	41
71	A study of Bangladesh's sub-surface water storages using satellite products and data assimilation scheme. <i>Science of the Total Environment</i> , 2018, 625, 963-977.	8.0	41
72	Regional ionosphere map over Japanese Islands. <i>Earth, Planets and Space</i> , 2002, 54, e13-e16.	2.5	40

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73	Present-Day Lake Level Variation from Envisat Altimetry over the Northeastern Qinghai-Tibetan Plateau: Links with Precipitation and Temperature. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2011, 22, 169-175.	0.6	39
74	Moho topography, ranges and folds of Tibet by analysis of global gravity models and GOCE data. <i>Scientific Reports</i> , 2015, 5, 11681.	3.3	39
75	Circulation from a joint gravity field solution determination of the general ocean. <i>Geophysical Research Letters</i> , 1988, 15, 1109-1112.	4.0	38
76	GRACE observations of M2 and S2 ocean tides underneath the Filchner-Ronne and Larsen ice shelves, Antarctica. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	38
77	Precision orbit determination for Topex. <i>Advances in Space Research</i> , 1990, 10, 239-247.	2.6	37
78	Long-term period perturbations in starlette orbit and tide solution. <i>Journal of Geophysical Research</i> , 1990, 95, 8723-8736.	3.3	37
79	Spherical Splines for Data Interpolation and Fitting. <i>SIAM Journal of Scientific Computing</i> , 2006, 28, 241-259.	2.8	37
80	Earth Surface Deformation in the North China Plain Detected by Joint Analysis of GRACE and GPS Data. <i>Sensors</i> , 2014, 14, 19861-19876.	3.8	37
81	Regional high-resolution spatiotemporal gravity modeling from GRACE data using spherical wavelets. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	36
82	Calibration of two-dimensional floodplain modeling in the central Atchafalaya Basin Floodway System using SAR interferometry. <i>Water Resources Research</i> , 2012, 48, .	4.2	36
83	Detection of Envisat RA2/ICE-1 retracked radar altimetry bias over the Amazon basin rivers using GPS. <i>Advances in Space Research</i> , 2013, 51, 1551-1564.	2.6	36
84	An Iterative ICA-Based Reconstruction Method to Produce Consistent Time-Variable Total Water Storage Fields Using GRACE and Swarm Satellite Data. <i>Remote Sensing</i> , 2020, 12, 1639.	4.0	36
85	Description of the multi-approach gravity field models from Swarm GPS data. <i>Earth System Science Data</i> , 2020, 12, 1385-1417.	9.9	36
86	Validation of Jason-2 Altimeter Data by Waveform Retracking over California Coastal Ocean. <i>Marine Geodesy</i> , 2010, 33, 304-316.	2.0	35
87	Time-varying land subsidence detected by radar altimetry: California, Taiwan and north China. <i>Scientific Reports</i> , 2016, 6, 28160.	3.3	35
88	Determination of the gravitational coefficient of the Earth from near-Earth satellites. <i>Geophysical Research Letters</i> , 1989, 16, 271-274.	4.0	34
89	Fuzzy-wavelet based prediction of Earth rotation parameters. <i>Applied Soft Computing Journal</i> , 2011, 11, 837-841.	7.2	34
90	Efficient gravity field recovery using in situ disturbing potential observables from CHAMP. <i>Geophysical Research Letters</i> , 2002, 29, 36-1-36-4.	4.0	33

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91	Efficient spatial and temporal representations of global ionosphere maps over Japan using B-spline wavelets. <i>Journal of Geodesy</i> , 2005, 78, 662-667.	3.6	33
92	Ground subsidence in Tucson, Arizona, monitored by time-series analysis using multi-sensor InSAR datasets from 1993 to 2011. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 107, 126-141.	11.1	33
93	Precise estimation of in situ geopotential differences from GRACE low-low satellite-to-satellite tracking and accelerometer data. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	32
94	Characterization of Active Layer Thickening Rate over the Northern Qinghai-Tibetan Plateau Permafrost Region Using ALOS Interferometric Synthetic Aperture Radar Data, 2007â€“2009. <i>Remote Sensing</i> , 2017, 9, 84.	4.0	32
95	High-resolution continental water storage recovery from lowâ€“low satellite-to-satellite tracking. <i>Journal of Geodynamics</i> , 2005, 39, 11-28.	1.6	31
96	A Promising Radar Altimetry Satellite System for Operational Flood Forecasting in Flood-Prone Bangladesh. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2014, 2, 27-36.	9.6	31
97	Crossing the â€œValley of Deathâ€: Lessons Learned from Implementing an Operational Satellite-Based Flood Forecasting System. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, 1201-1207.	3.3	31
98	Improved Bathymetric Dataset and Tidal Model for the Northern Bay of Bengal. <i>Marine Geodesy</i> , 2016, 39, 422-438.	2.0	31
99	A possible interrelation between Earth rotation and climatic variability at decadal time-scale. <i>Geodesy and Geodynamics</i> , 2016, 7, 216-222.	2.2	31
100	Tidal corrections in the TOPEX/POSEIDON geophysical data records. <i>Journal of Geophysical Research</i> , 1994, 99, 24749.	3.3	30
101	Ten-year survey of cyanobacterial blooms in Ohioâ€™s waterbodies using satellite remote sensing. <i>Harmful Algae</i> , 2017, 66, 13-19.	4.8	30
102	Glacial isostatic adjustment at the Laurentide ice sheet margin: Models and observations in the Great Lakes region. <i>Journal of Geodynamics</i> , 2008, 46, 165-173.	1.6	29
103	Helmand River Hydrologic Studies Using ALOS PALSAR InSAR and ENVISAT Altimetry. <i>Marine Geodesy</i> , 2009, 32, 320-333.	2.0	29
104	Regional 4-D modeling of the ionospheric electron density from satellite data and IRI. <i>Advances in Space Research</i> , 2009, 43, 1669-1675.	2.6	29
105	Sea level budget in the Bay of Bengal (2002â€“2014) from GRACE and altimetry. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1194-1217.	2.6	29
106	Continuously accelerating ice loss over Amundsen Sea catchment, West Antarctica, revealed by integrating altimetry and GRACE data. <i>Earth and Planetary Science Letters</i> , 2012, 321-322, 74-80.	4.4	28
107	Lake Surface Height Calibration of Jason-1 and Jason-2 Over the Great Lakes. <i>Marine Geodesy</i> , 2010, 33, 186-203.	2.0	27
108	The Improved Retrieval of Coastal Sea Surface Heights by Retracking Modified Radar Altimetry Waveforms. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 991-1001.	6.3	27

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109	From TOPEX/Poseidon to Jason-2/OSTM in the Amazon basin. <i>Advances in Space Research</i> , 2013, 51, 1542-1550.	2.6	26
110	Evaluating GRACE Mass Change Time Series for the Antarctic and Greenland Ice Sheet—Methods and Results. <i>Geosciences (Switzerland)</i> , 2019, 9, 415.	2.2	26
111	Precision orbit determination for the Geosat Exact Repeat Mission. <i>Journal of Geophysical Research</i> , 1990, 95, 2887-2898.	3.3	25
112	Relationship between cyanobacterial bloom impacted drinking water sources and hepatocellular carcinoma incidence rates. <i>Harmful Algae</i> , 2020, 95, 101801.	4.8	25
113	Global River Radar Altimetry Time Series (GRRATS): new river elevation earth science data records for the hydrologic community. <i>Earth System Science Data</i> , 2020, 12, 137-150.	9.9	25
114	Comparisons among contemporary glacial isostatic adjustment models. <i>Journal of Geodynamics</i> , 2012, 61, 129-137.	1.6	24
115	Improved constraints on seismic source parameters of the 2011 Tohoku earthquake from GRACE gravity and gravity gradient changes. <i>Geophysical Research Letters</i> , 2014, 41, 1929-1936.	4.0	24
116	Contributions of a Strengthened Early Holocene Monsoon and Sediment Loading to Present-Day Subsidence of the Ganges–Brahmaputra Delta. <i>Geophysical Research Letters</i> , 2018, 45, 1433-1442.	4.0	24
117	GPS Imaging of Vertical Bedrock Displacements: Quantification of Two-Dimensional Vertical Crustal Deformation in China. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020951.	3.4	24
118	Triangulated spherical splines for geopotential reconstruction. <i>Journal of Geodesy</i> , 2009, 83, 695-708.	3.6	23
119	Application of retracked satellite altimetry for inland hydrologic studies. <i>International Journal of Remote Sensing</i> , 2010, 31, 3913-3929.	2.9	23
120	Multi-resolution dune morphology using Shuttle Radar Topography Mission (SRTM) and dune mobility from fuzzy inference systems using SRTM and altimetric data. <i>International Journal of Remote Sensing</i> , 2008, 29, 2879-2901.	2.9	22
121	A technique to improve the accuracy of Earth orientation prediction algorithms based on least squares extrapolation. <i>Journal of Geodynamics</i> , 2013, 70, 36-48.	1.6	22
122	Hurricane Sandy Storm Surge Measured by Satellite Altimetry. <i>Oceanography</i> , 2013, 26, .	1.0	22
123	Compiling a new glacier inventory for southeastern Qinghai–Tibet Plateau from Landsat and PALSAR data. <i>Journal of Glaciology</i> , 2016, 62, 579-592.	2.2	22
124	Validation of Jason-1 Nadir Ionosphere TEC Using GEONET. <i>Marine Geodesy</i> , 2004, 27, 741-752.	2.0	21
125	Envisat Altimetry Radar Waveform Retracking of Quasi-Specular Echoes over the Ice-Covered Qinghai Lake. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013, 24, 615.	0.6	21
126	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. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	21

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127	Role of Antarctic ice mass balance in present-day sea-level change. <i>Polar Science</i> , 2008, 2, 149-161.	1.2	20
128	Evaluation of Ocean Tide Models Used for Jason-2 Altimetry Corrections. <i>Marine Geodesy</i> , 2010, 33, 285-303.	2.0	20
129	Regional surface mass anomalies from GRACE KBR measurements: Application of L <sup>2</sup> regularization and a priori hydrological knowledge. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	20
130	Elevation changes of Bering Glacier System, Alaska, from 1992 to 2010, observed by satellite radar altimetry. <i>Remote Sensing of Environment</i> , 2013, 132, 40-48.	11.0	20
131	High resolution Greenland ice sheet inter-annual mass variations combining GRACE gravimetry and Envisat altimetry. <i>Earth and Planetary Science Letters</i> , 2015, 422, 11-17.	4.4	19
132	GRACE time-variable gravity field recovery using an improved energy balance approach. <i>Geophysical Journal International</i> , 2015, 203, 1773-1786.	2.4	19
133	Comparison of Multimission Altimetric Sea-Surface Heights with Tide Gauge Observations in the Southern Baltic Sea. <i>Marine Geodesy</i> , 2002, 25, 213-234.	2.0	18
134	Gravitational gradient changes following the 2004 December 26 Sumatra-Andaman Earthquake inferred from GRACE. <i>Geophysical Journal International</i> , 2012, , no-no.	2.4	18
135	On the energy integral formulation of gravitational potential differences from satellite-to-satellite tracking. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2015, 121, 415-429.	1.4	18
136	Assessment of the Impact of Reservoirs in the Upper Mekong River Using Satellite Radar Altimetry and Remote Sensing Imageries. <i>Remote Sensing</i> , 2016, 8, 367.	4.0	18
137	A search for the Slichter modes in superconducting gravimeter records using a new method. <i>Geophysical Journal International</i> , 2007, 168, 507-517.	2.4	17
138	Regional four-dimensional hydrological mass variations from GRACE, atmospheric flux convergence, and river gauge data. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	17
139	The Performance of Altimeter Waveform Retracker at Lake Baikal. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013, 24, 513.	0.6	17
140	Developing a Complex Independent Component Analysis (CICA) Technique to Extract Non-stationary Patterns from Geophysical Time Series. <i>Surveys in Geophysics</i> , 2018, 39, 435-465.	4.6	17
141	Introduction to the special issue on Tibet: Contemporary geodetic-geophysical observations and interpretations. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2019, 30, 1-5.	0.6	17
142	Static and temporal gravity field recovery using grace potential difference observables. <i>Advances in Geosciences</i> , 0, 1, 19-26.	12.0	17
143	Tidal-driven variation of suspended sediment in Hangzhou Bay based on GOCI data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 82, 101920.	2.8	16
144	Distribution of Reynolds stress carried by mesoscale variability in the Antarctic Circumpolar Current. <i>Geophysical Research Letters</i> , 1992, 19, 1201-1204.	4.0	15

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145	Statistics of geostrophic turbulence in the southern ocean from satellite altimetry and numerical models. <i>Physica D: Nonlinear Phenomena</i> , 1996, 98, 599-613.	2.8	15
146	The gravity field and GGOS. <i>Journal of Geodynamics</i> , 2005, 40, 387-393.	1.6	15
147	Weighting algorithms to stack superconducting gravimeter data for the potential detection of the Slichter modes. <i>Journal of Geodynamics</i> , 2006, 41, 326-333.	1.6	15
148	Improving Jason-2 Sea Surface Heights within 10 km Offshore by Retracking Decontaminated Waveforms. <i>Remote Sensing</i> , 2017, 9, 1077.	4.0	15
149	Present-day Subsidence in the Ganges-Brahmaputra-Meghna Delta: Eastern Amplification of the Holocene Sediment Loading Contribution. <i>Geophysical Research Letters</i> , 2019, 46, 10764-10772.	4.0	15
150	Mean Sea Level Variation in the South China Sea from Four Decades of Tidal Records in Hong Kong. <i>Marine Geodesy</i> , 2000, 23, 221-233.	2.0	14
151	On the double-peak spectrum of the Chandler wobble. <i>Journal of Geodesy</i> , 2005, 78, 654-659.	3.6	14
152	Digital Elevation Model of King Edward VII Peninsula, West Antarctica, From SAR Interferometry and ICESat Laser Altimetry. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2005, 2, 413-417.	3.1	14
153	On the estimation of a multi-resolution representation of the gravity field based on spherical harmonics and wavelets. <i>Journal of Geodynamics</i> , 2005, 39, 512-526.	1.6	14
154	Uncovered spurious jumps in the GRACE atmospheric de-aliasing data: potential contamination of GRACE observed mass change. <i>Geophysical Journal International</i> , 2012, 191, 83-87.	2.4	14
155	Modeling tides and their influence on the circulation in Prince William Sound, Alaska. <i>Continental Shelf Research</i> , 2013, 63, S126-S137.	1.8	14
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