

Geruo A

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

3,630
citations

567281

15
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

4469
citing authors

#	ARTICLE	IF	CITATIONS
1	A Reconciled Estimate of Ice-Sheet Mass Balance. <i>Science</i> , 2012, 338, 1183-1189.	12.6	1,246
2	Mass balance of the Antarctic Ice Sheet from 1992 to 2017. <i>Nature</i> , 2018, 558, 219-222.	27.8	759
3	Computations of the viscoelastic response of a 3-D compressible Earth to surface loading: an application to Glacial Isostatic Adjustment in Antarctica and Canada. <i>Geophysical Journal International</i> , 2013, 192, 557-572.	2.4	464
4	Mass balance of the Greenland Ice Sheet from 1992 to 2018. <i>Nature</i> , 2020, 579, 233-239.	27.8	434
5	Continuity of Ice Sheet Mass Loss in Greenland and Antarctica From the GRACE and GRACE Follow-On Missions. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087291.	4.0	155
6	A Global Gridded Dataset of GRACE Drought Severity Index for 2002–14: Comparison with PDSI and SPEI and a Case Study of the Australia Millennium Drought. <i>Journal of Hydrometeorology</i> , 2017, 18, 2117-2129.	1.9	133
7	Ecological restoration impact on total terrestrial water storage. <i>Nature Sustainability</i> , 2021, 4, 56-62.	23.7	121
8	Satellite Observations of Regional Drought Severity in the Continental United States Using GRACE-Based Terrestrial Water Storage Changes. <i>Journal of Climate</i> , 2017, 30, 6297-6308.	3.2	101
9	Impact of changes in GRACE derived terrestrial water storage on vegetation growth in Eurasia. <i>Environmental Research Letters</i> , 2015, 10, 124024.	5.2	33
10	A benchmark study of numerical implementations of the sea level equation in GIA modelling. <i>Geophysical Journal International</i> , 2018, 215, 389-414.	2.4	33
11	Satellite-observed changes in vegetation sensitivities to surface soil moisture and total water storage variations since the 2011 Texas drought. <i>Environmental Research Letters</i> , 2017, 12, 054006.	5.2	30
12	Soil Moisture Variability in India: Relationship of Land Surface–Atmosphere Fields Using Maximum Covariance Analysis. <i>Remote Sensing</i> , 2019, 11, 335.	4.0	26
13	Multicomponent Satellite Assessment of Drought Severity in the Contiguous United States From 2002 to 2017 Using AMSR-E and AMSR2. <i>Water Resources Research</i> , 2019, 55, 5394-5412.	4.2	22
14	Can tidal tomography be used to unravel the long-wavelength structure of the lunar interior?. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	21
15	Below-surface water mediates the response of African forests to reduced rainfall. <i>Environmental Research Letters</i> , 2020, 15, 034063.	5.2	18
16	The effects of laterally varying icy shell structure on the tidal response of Ganymede and Europa. <i>Journal of Geophysical Research E: Planets</i> , 2014, 119, 659-678.	3.6	13
17	Estimating geoid height change in North America: past, present and future. <i>Journal of Geodesy</i> , 2012, 86, 337-358.	3.6	12
18	Synergistic Satellite Assessment of Global Vegetation Health in Relation to ENSO-Induced Droughts and Pluvials. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006006.	3.0	4

#	ARTICLE	IF	CITATIONS
19	Satellite detection of varying seasonal water supply restrictions on grassland productivity in the Missouri basin, USA. Remote Sensing of Environment, 2020, 239, 111623.	11.0	4
20	CitcomSVE: A Three-dimensional Finite Element Software Package for Modeling Planetary Mantle's Viscoelastic Deformation in Response to Surface and Tidal Loads. Geochemistry, Geophysics, Geosystems, 0, , .	2.5	1