

Lambert Caron

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1890745/publications.pdf>

Version: 2024-02-01

19
papers

825
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

969
citing authors

#	ARTICLE	IF	CITATIONS
1	The causes of sea-level rise since 1900. <i>Nature</i> , 2020, 584, 393-397.	27.8	292
2	GIA Model Statistics for GRACE Hydrology, Cryosphere, and Ocean Science. <i>Geophysical Research Letters</i> , 2018, 45, 2203-2212.	4.0	137
3	Understanding of Contemporary Regional Sea-Level Change and the Implications for the Future. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000672.	23.0	74
4	Slowdown in Antarctic mass loss from solid Earth and sea-level feedbacks. <i>Science</i> , 2019, 364, .	12.6	56
5	What drives 20th century polar motion?. <i>Earth and Planetary Science Letters</i> , 2018, 502, 126-132.	4.4	40
6	Sea-level fingerprints emergent from GRACE mission data. <i>Earth System Science Data</i> , 2019, 11, 629-646.	9.9	35
7	Inverting Glacial Isostatic Adjustment signal using Bayesian framework and two linearly relaxing rheologies. <i>Geophysical Journal International</i> , 2017, 209, 1126-1147.	2.4	31
8	The imprints of contemporary mass redistribution on local sea level and vertical land motion observations. <i>Solid Earth</i> , 2019, 10, 1971-1987.	2.8	24
9	A linear viscoelasticity for decadal to centennial time scale mantle deformation. <i>Reports on Progress in Physics</i> , 2020, 83, 106801.	20.1	23
10	The impact of model resolution on the simulated Holocene retreat of the southwestern Greenland ice sheet using the Ice Sheet System Model (ISSM). <i>Cryosphere</i> , 2019, 13, 879-893.	3.9	22
11	Decadal to Centennial Timescale Mantle Viscosity Inferred From Modern Crustal Uplift Rates in Greenland. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094040.	4.0	20
12	A baseline Antarctic GIA correction for space gravimetry. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115957.	4.4	16
13	Antarctic upper mantle rheology. <i>Geological Society Memoir</i> , 2023, 56, 267-294.	1.7	14
14	Evidence for postglacial signatures in gravity gradients: A clue in lower mantle viscosity. <i>Earth and Planetary Science Letters</i> , 2016, 452, 146-156.	4.4	11
15	Notes on a compressible extended Burgers model of rheology. <i>Geophysical Journal International</i> , 2021, 228, 1975-1991.	2.4	11
16	Observation-Driven Estimation of the Spatial Variability of 20 th Century Sea Level Rise. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 2129-2140.	2.6	8
17	A kinematic formalism for tracking ice-ocean mass exchange on the Earth's surface and estimating sea-level change. <i>Cryosphere</i> , 2020, 14, 2819-2833.	3.9	4
18	ISSM-SLPS: geodetically compliant Sea-Level Projection System for the Ice-sheet and Sea-level System Model v4.17. <i>Geoscientific Model Development</i> , 2020, 13, 4925-4941.	3.6	4

#	ARTICLE	IF	CITATIONS
19	Derivation of bedrock topography measurement requirements for the reduction of uncertainty in ice-sheet model projections of Thwaites Glacier. Cryosphere, 2022, 16, 761-778.	3.9	3