

Lambert Caron

List of Publications by Year in descending order

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

#	ARTICLE	IF	CITATIONS
19	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