

Claudia Adam

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7469184/claudia-adam-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	381 citations	12 h-index	19 g-index
33 ext. papers	432 ext. citations	6.3 avg, IF	3.44 L-index

#	Paper	IF	Citations
22	Lithosphere Destabilization and Small-Scale Convection Constrained From Geophysical Data and Analogical Models. <i>Geochemistry, Geophysics, Geosystems</i> , 2021 , 22, e2020GC009462	3.6	
21	Mantle temperature and density anomalies: The influence of thermodynamic formulation, melt, and anelasticity. <i>Physics of the Earth and Planetary Interiors</i> , 2021 , 319, 106772	2.3	0
20	A simple way to prepare palladium nanoparticles decorated with cyclodextrins and ionic liquid. The effects of coating on the catalytic activity and colloidal stability. <i>Journal of Molecular Liquids</i> , 2020 , 304, 112725	6	4
19	Pyroxenite causes fat plumes and stagnant slabs. <i>Geophysical Research Letters</i> , 2017 , 44, 4730-4737	4.9	6
18	Dots-and-Lines Approach to Subduction Volcanism and Tectonics. <i>Journal of Geography (Chigaku Zasshi)</i> , 2017 , 126, 181-193	0.5	3
17	Variation of the subsidence parameters, effective thermal conductivity, and mantle dynamics. <i>Earth and Planetary Science Letters</i> , 2015 , 426, 130-142	5.3	7
16	Insights for the melt migration, the volcanic activity and the ultrafast lithosphere delamination related to the Yellowstone plume (Western USA). <i>Geophysical Journal International</i> , 2015 , 203, 1274-1301	2.6	3
15	Hotspot swells revisited. <i>Physics of the Earth and Planetary Interiors</i> , 2014 , 235, 66-83	2.3	69
14	Geodynamic modeling of the South Pacific superswell. <i>Physics of the Earth and Planetary Interiors</i> , 2014 , 229, 24-39	2.3	25
13	Refined models of gravitational potential energy compared with stress and strain rate patterns in Iberia. <i>Journal of Geodynamics</i> , 2014 , 81, 91-104	2.2	8
12	Seismicity along the Azores-Gibraltar region and global plate kinematics. <i>Journal of Seismology</i> , 2014 , 18, 205-220	1.5	21
11	Geochemical diversity in submarine HIMU basalts from Austral Islands, French Polynesia. <i>Contributions To Mineralogy and Petrology</i> , 2013 , 166, 1285-1304	3.5	14
10	Mantle dynamics and characteristics of the Azores plateau. <i>Earth and Planetary Science Letters</i> , 2013 , 362, 258-271	5.3	19
9	Response to Comment on "Mantle Flow Drives the Subsidence of Oceanic Plates". <i>Science</i> , 2011 , 331, 1011-1011	33.3	3
8	Mantle flow drives the subsidence of oceanic plates. <i>Science</i> , 2010 , 328, 83-5	33.3	23
7	South Pacific hotspot swells dynamically supported by mantle flows. <i>Geophysical Research Letters</i> , 2010 , 37,	4.9	26
6	Backarc rifting, constructional volcanism and nascent disorganised spreading in the southern Havre Trough backarc rifts (SW Pacific). <i>Journal of Volcanology and Geothermal Research</i> , 2010 , 190, 39-57	2.8	42

5	No thinning of the lithosphere beneath northern part of the Cook-Austral volcanic chains. <i>Journal of Geophysical Research</i> , 2008 , 113,		7
4	80-Myr history of buoyancy and volcanic fluxes along the trails of the Walvis and St. Helena hotspots (South Atlantic). <i>Earth and Planetary Science Letters</i> , 2007 , 261, 432-442	5.3	26
3	Heat flow variations on a slowly accreting ridge: Constraints on the hydrothermal and conductive cooling for the Lucky Strike segment (Mid-Atlantic Ridge, 37°N). <i>Geochemistry, Geophysics, Geosystems</i> , 2006 , 7, n/a-n/a	3.6	14
2	MiFil: A method to characterize seafloor swells with application to the south central Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2005 , 6, n/a-n/a	3.6	27
1	Extent of the South Pacific Superswell. <i>Journal of Geophysical Research</i> , 2005 , 110,		34