

Christian Sippl

List of Publications by Year in Descending Order

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

28

papers

862

citations

14

h-index

29

g-index

36

ext. papers

1,055

ext. citations

3.9

avg, IF

4

L-index

#	Paper	IF	Citations
28	Impact of bending-related faulting and oceanic-plate topography on slab hydration and intermediate-depth seismicity 2022 , 18, 562-584		1
27	Microseismicity Appears to Outline Highly Coupled Regions on the Central Chile Megathrust. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2021JB022252	3.6	3
26	The Crustal Stress Field Inferred From Focal Mechanisms in Northern Chile. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL092889	4.9	1
25	Low uncertainty multifeature magnitude estimation with 3-D corrections and boosting tree regression: application to North Chile. <i>Geophysical Journal International</i> , 2020 , 220, 142-159	2.6	6
24	Observations of guided waves from the Pamir seismic zone provide additional evidence for the existence of subducted continental lower crust. <i>Tectonophysics</i> , 2019 , 762, 1-16	3.1	7
23	The Crust in the Pamir: Insights From Receiver Functions. <i>Journal of Geophysical Research: Solid Earth</i> , 2019 , 124, 9313-9331	3.6	21
22	Linear Relationship Between Aftershock Productivity and Seismic Coupling in the Northern Chile Subduction Zone. <i>Journal of Geophysical Research: Solid Earth</i> , 2019 , 124, 8726-8738	3.6	7
21	Filling the gap in a double seismic zone: Intraslab seismicity in Northern Chile. <i>Lithos</i> , 2019 , 346-347, 105155	1.55	6
20	Probing the Northern Chile Megathrust With Seismicity: The 2014 M8.1 Iquique Earthquake Sequence. <i>Journal of Geophysical Research: Solid Earth</i> , 2019 , 124, 12935-12954	3.6	10
19	Characterizing Afterslip and Ground Displacement Rate Increase Following the 2014 Iquique-Pisagua Mw 8.1 Earthquake, Northern Chile. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 4171-4192	3.6	18
18	Chilean megathrust earthquake recurrence linked to frictional contrast at depth. <i>Nature Geoscience</i> , 2018 , 11, 285-290	18.3	37
17	Estimating Rupture Directions from Local Earthquake Data Using the IPOC Observatory in Northern Chile. <i>Seismological Research Letters</i> , 2018 , 89, 495-502	3	4
16	Seismicity Structure of the Northern Chile Forearc From >100,000 Double-Difference Relocated Hypocenters. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 4063-4087	3.6	43
15	Seismic Anisotropy Beneath the Pamir and the Hindu Kush: Evidence for Contributions From Crust, Mantle Lithosphere, and Asthenosphere. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 10,727	3.6	7
14	Lithospheric discontinuities in Central Australia. <i>Tectonophysics</i> , 2018 , 744, 10-22	3.1	15
13	Crustal structure of a Proterozoic craton boundary: East Albany-Fraser Orogen, Western Australia, imaged with passive seismic and gravity anomaly data. <i>Precambrian Research</i> , 2017 , 296, 78-92	3.9	9
12	Crustal surface wave velocity structure of the east Albany-Fraser Orogen, Western Australia, from ambient noise recordings. <i>Geophysical Journal International</i> , 2017 , 210, 1641-1651	2.6	2

11	A Cross-Correlation-Based Approach to Direct Seismogram Stacking for Receiver-Side Structural Inversion. <i>Bulletin of the Seismological Society of America</i> , 2017 , 107, 1545-1550	2.3	1
10	Moho geometry along a north-south passive seismic transect through Central Australia. <i>Tectonophysics</i> , 2016 , 676, 56-69	3.1	15
9	Deep India meets deep Asia: Lithospheric indentation, delamination and break-off under Pamir and Hindu Kush (Central Asia). <i>Earth and Planetary Science Letters</i> , 2016 , 435, 171-184	5.3	107
8	Seismotectonic study of the Fergana Region (Southern Kyrgyzstan): distribution and kinematics of local seismicity. <i>Earth, Planets and Space</i> , 2015 , 67,	2.9	15
7	New constraints on the current stress field and seismic velocity structure of the eastern Yilgarn Craton from mechanisms of local earthquakes. <i>Australian Journal of Earth Sciences</i> , 2015 , 62, 921-931	1.4	5
6	The 2008 Nura earthquake sequence at the Pamir-Tian Shan collision zone, southern Kyrgyzstan. <i>Tectonics</i> , 2014 , 33, 2382-2399	4.3	24
5	Seismotectonics of the Pamir. <i>Tectonics</i> , 2014 , 33, 1501-1518	4.3	86
4	Deep burial of Asian continental crust beneath the Pamir imaged with local earthquake tomography. <i>Earth and Planetary Science Letters</i> , 2013 , 384, 165-177	5.3	73
3	Geometry of the Pamir-Hindu Kush intermediate-depth earthquake zone from local seismic data. <i>Journal of Geophysical Research: Solid Earth</i> , 2013 , 118, 1438-1457	3.6	121
2	Seismic imaging of subducting continental lower crust beneath the Pamir. <i>Earth and Planetary Science Letters</i> , 2013 , 375, 101-112	5.3	124
1	Crustal and uppermost mantle velocity structure along a profile across the Pamir and southern Tien Shan as derived from project TIPAGE wide-angle seismic data. <i>Geophysical Journal International</i> , 2012 , 188, 385-407	2.6	93