Christian Sippl

List of Publications by Citations

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	Seismic imaging of subducting continental lower crust beneath the Pamir. *Earth and Planetary Science Letters*, **2013**, 375, 101-112	5.3	124
27	Geometry of the Pamir-Hindu Kush intermediate-depth earthquake zone from local seismic data. *Journal of Geophysical Research: Solid Earth*, **2013**, 118, 1438-1457	3.6	121
26	Deep India meets deep Asia: Lithospheric indentation, delamination and break-off under Pamir and Hindu Kush (Central Asia). *Earth and Planetary Science Letters*, **2016**, 435, 171-184	5.3	107
25	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. *Geophysical Journal International*, **2012**, 188, 385-407	2.6	93
24	Seismotectonics of the Pamir. *Tectonics*, **2014**, 33, 1501-1518	4.3	86
23	Deep burial of Asian continental crust beneath the Pamir imaged with local earthquake tomography. *Earth and Planetary Science Letters*, **2013**, 384, 165-177	5.3	73
22	Seismicity Structure of the Northern Chile Forearc From >100,000 Double-Difference Relocated Hypocenters. *Journal of Geophysical Research: Solid Earth*, **2018**, 123, 4063-4087	3.6	43
21	Chilean megathrust earthquake recurrence linked to frictional contrast at depth. *Nature Geoscience* , **2018**, 11, 285-290	18.3	37
20	The 2008 Nura earthquake sequence at the Pamir-Tian Shan collision zone, southern Kyrgyzstan. *Tectonics*, **2014**, 33, 2382-2399	4.3	24
19	The Crust in the Pamir: Insights From Receiver Functions. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 9313-9331	3.6	21
18	Characterizing Afterslip and Ground Displacement Rate Increase Following the 2014 Iquique-Pisagua Mw 8.1 Earthquake, Northern Chile. *Journal of Geophysical Research: Solid Earth*, **2018**, 123, 4171-4192	3.6	18
17	Seismotectonic study of the Fergana Region (Southern Kyrgyzstan): distribution and kinematics of local seismicity. *Earth, Planets and Space*, **2015**, 67,	2.9	15
16	Moho geometry along a north□outh passive seismic transect through Central Australia. *Tectonophysics*, **2016**, 676, 56-69	3.1	15
15	Lithospheric discontinuities in Central Australia. *Tectonophysics*, **2018**, 744, 10-22	3.1	15
14	Probing the Northern Chile Megathrust With Seismicity: The 2014 M8.1 Iquique Earthquake Sequence. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 12935-12954	3.6	10
13	Crustal structure of a Proterozoic craton boundary: East Albany-Fraser Orogen, Western Australia, imaged with passive seismic and gravity anomaly data. *Precambrian Research*, **2017**, 296, 78-92	3.9	9
12	Observations of guided waves from the Pamir seismic zone provide additional evidence for the existence of subducted continental lower crust. *Tectonophysics*, **2019**, 762, 1-16	3.1	7

List of Publications

11	Linear Relationship Between Aftershock Productivity and Seismic Coupling in the Northern Chile Subduction Zone. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 8726-8738	3.6	7
10	Seismic Anisotropy Beneath the Pamir and the Hindu Kush: Evidence for Contributions From Crust, Mantle Lithosphere, and Asthenosphere. *Journal of Geophysical Research: Solid Earth*, **2018**, 123, 10,727	3.6	7
9	Filling the gap in a double seismic zone: Intraslab seismicity in Northern Chile. *Lithos*, **2019**, 346-347, 105155	2.6	6
8	Low uncertainty multifeature magnitude estimation with 3-D corrections and boosting tree regression: application to North Chile. *Geophysical Journal International*, **2020**, 220, 142-159	2.6	6
7	New constraints on the current stress field and seismic velocity structure of the eastern Yilgarn Craton from mechanisms of local earthquakes. *Australian Journal of Earth Sciences*, **2015**, 62, 921-931	1.4	5
6	Estimating Rupture Directions from Local Earthquake Data Using the IPOC Observatory in Northern Chile. *Seismological Research Letters*, **2018**, 89, 495-502	3	4
5	Microseismicity Appears to Outline Highly Coupled Regions on the Central Chile Megathrust. *Journal of Geophysical Research: Solid Earth*, **2021**, 126, e2021JB022252	3.6	3
4	Crustal surface wave velocity structure of the east Albany-Fraser Orogen, Western Australia, from ambient noise recordings. *Geophysical Journal International*, **2017**, 210, 1641-1651	2.6	2
3	A Cross-Correlation-Based Approach to Direct Seismogram Stacking for Receiver-Side Structural Inversion. *Bulletin of the Seismological Society of America*, **2017**, 107, 1545-1550	2.3	1
2	The Crustal Stress Field Inferred From Focal Mechanisms in Northern Chile. *Geophysical Research Letters*, **2021**, 48, e2021GL092889	4.9	1
1	Impact of bending-related faulting and oceanic-plate topography on slab hydration and intermediate-depth seismicity **2022**, 18, 562-584		1