

Christian Sippl

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,225
citations

516215

16
h-index

525886

27
g-index

36
all docs

36
docs citations

36
times ranked

1025
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic imaging of subducting continental lower crust beneath the Pamir. <i>Earth and Planetary Science Letters</i> , 2013, 375, 101-112.	1.8	158
2	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.	1.4	156
3	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.	1.8	148
4	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.	1.0	113
5	Seismotectonics of the Pamir. <i>Tectonics</i> , 2014, 33, 1501-1518.	1.3	108
6	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.	1.8	91
7	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.	1.4	75
8	Chilean megathrust earthquake recurrence linked to frictional contrast at depth. <i>Nature Geoscience</i> , 2018, 11, 285-290.	5.4	61
9	The Crust in the Pamir: Insights From Receiver Functions. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 9313-9331.	1.4	42
10	The 2008 Nura earthquake sequence at the Pamir-Tian Shan collision zone, southern Kyrgyzstan. <i>Tectonics</i> , 2014, 33, 2382-2399.	1.3	32
11	Characterizing Afterslip and Ground Displacement Rate Increase Following the 2014 Iquique-Isapitagua M _w 8.1 Earthquake, Northern Chile. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 4171-4192.	1.4	29
12	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.	1.4	23
13	Moho geometry along a north-south passive seismic transect through Central Australia. <i>Tectonophysics</i> , 2016, 676, 56-69.	0.9	21
14	Lithospheric discontinuities in Central Australia. <i>Tectonophysics</i> , 2018, 744, 10-22.	0.9	19
15	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.	1.4	18
16	Filling the gap in a double seismic zone: Intraslab seismicity in Northern Chile. <i>Lithos</i> , 2019, 346-347, 105155.	0.6	18
17	Seismotectonic study of the Fergana Region (Southern Kyrgyzstan): distribution and kinematics of local seismicity. <i>Earth, Planets and Space</i> , 2015, 67, .	0.9	17
18	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.	1.0	14

#	ARTICLE	IF	CITATIONS
19	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.	1.2	13
20	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.	1.4	13
21	Microseismicity Appears to Outline Highly Coupled Regions on the Central Chile Megathrust. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022252.	1.4	13
22	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.	0.9	8
23	Impact of bending-related faulting and oceanic-plate topography on slab hydration and intermediate-depth seismicity. , 2022, 18, 562-584.		8
24	The Crustal Stress Field Inferred From Focal Mechanisms in Northern Chile. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092889.	1.5	7
25	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.	0.4	6
26	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.	1.0	5
27	Estimating Rupture Directions from Local Earthquake Data Using the IPOC Observatory in Northern Chile. <i>Seismological Research Letters</i> , 2018, 89, 495-502.	0.8	5
28	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.	1.1	3