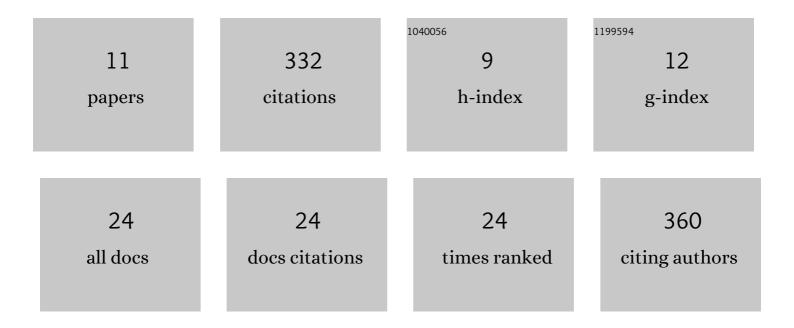
David Schlaphorst

List of Publications by Year in descending order

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DAVID SCHLAPHOPST

#	Article	IF	CITATIONS
1	Variable water input controls evolution of the Lesser Antilles volcanic arc. Nature, 2020, 582, 525-529.	27.8	81
2	Back-propagating supershear rupture in the 2016 Mw 7.1 Romanche transform fault earthquake. Nature Geoscience, 2020, 13, 647-653.	12.9	46
3	Water, oceanic fracture zones and the lubrication of subducting plate boundaries—insights from seismicity. Geophysical Journal International, 2016, 204, 1405-1420.	2.4	42
4	Lateral variation in crustal structure along the Lesser Antilles arc from petrology of crustal xenoliths and seismic receiver functions. Earth and Planetary Science Letters, 2019, 516, 12-24.	4.4	42
5	A dynamic lithosphere–asthenosphere boundary near the equatorial Mid-Atlantic Ridge. Earth and Planetary Science Letters, 2021, 566, 116949.	4.4	35
6	Gaps, tears and seismic anisotropy around the subducting slabs of the Antilles. Tectonophysics, 2017, 698, 65-78.	2.2	21
7	Probing layered arc crust in the Lesser Antilles using receiver functions. Royal Society Open Science, 2018, 5, 180764.	2.4	16
8	The Role of the Seismically Slow Centralâ€East Atlantic Anomaly in the Genesis of the Canary and Madeira Volcanic Provinces. Geophysical Research Letters, 2021, 48, e2021GL092874.	4.0	14
9	Investigation of core–mantle boundary topography and lowermost mantle with P4KP waves. Geophysical Journal International, 2016, 204, 1060-1071.	2.4	12
10	Tidal Triggering of Microseismicity at the Equatorial Midâ€Atlantic Ridge, Inferred From the Pl‣AB Experiment. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022251.	3.4	10
11	Variation in Upper Plate Crustal and Lithospheric Mantle Structure in the Greater and Lesser Antilles From Ambient Noise Tomography. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009800.	2.5	7