

Victor Sacek

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

286
citations

1307594

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h-index

1058476

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all docs

15
docs citations

15
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Andean Tectonics and Mantle Dynamics as a Pervasive Influence on Amazonian Ecosystem. Scientific Reports, 2019, 9, 16879.	3.3	63
2	Drainage reversal of the Amazon River due to the coupling of surface and lithospheric processes. Earth and Planetary Science Letters, 2014, 401, 301-312.	4.4	56
3	Intra-plate seismicity and flexural stresses in central Brazil. Geophysical Research Letters, 2013, 40, 487-491.	4.0	37
4	Reappraisal of the effective elastic thickness for the sub-Andes using 3-D finite element flexural modelling, gravity and geological constraints. Geophysical Journal International, 2009, 179, 778-786.	2.4	36
5	The influence of rifting on escarpment migration on high elevation passive continental margins. Journal of Geophysical Research, 2012, 117, .	3.3	31
6	Post-rift influence of small-scale convection on the landscape evolution at divergent continental margins. Earth and Planetary Science Letters, 2017, 459, 48-57.	4.4	16
7	Reappraisal of the relative importance of dynamic topography and Andean orogeny on Amazon landscape evolution. Earth and Planetary Science Letters, 2020, 546, 116423.	4.4	16
8	Influence of Surface Processes on Post-rift Faulting During Divergent Margins Evolution. Tectonics, 2022, 41, .	2.8	8
9	Shallow necking depth and differential denudation linked to post-rift continental reactivation: The origin of the Cenozoic basins in southeastern Brazil. Terra Nova, 2019, 31, 527-533.	2.1	7
10	Upper mantle viscosity and dynamic subsidence of curved continental margins. Nature Communications, 2013, 4, 2036.	12.8	4
11	Numerical Modeling of Weathering, Erosion, Sedimentation, and Uplift in a Triple Junction Divergent Margin. Geochemistry, Geophysics, Geosystems, 2019, 20, 2334-2354.	2.5	3
12	Lateral flow of thick continental lithospheric mantle during tectonic quiescence. Journal of Geodynamics, 2021, 145, 101830.	1.6	3
13	Climate changes and the formation of fluvial terraces in central Amazonia inferred from landscape evolution modeling. Earth Surface Dynamics, 2022, 10, 457-471.	2.4	3
14	Thermal Correction for Moho Depth Estimations on West Philippine Basin: A Python Code to Calculate the Gravitational Effects of Lithospheric Cooling Under Oceanic Crust. Pure and Applied Geophysics, 2020, 177, 5225-5236.	1.9	2
15	Mandyoc: A finite element code to simulate thermochemical convection in parallel. Journal of Open Source Software, 2022, 7, 4070.	4.6	1