

Stephane Pochat

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

420
citations

687363

13
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of murtoos by repeated flooding of ribbed bedforms along subglacial meltwater corridors. <i>Geomorphology</i> , 2022, 408, 108248.	2.6	11
2	Loess in eastern equatorial Pangea archives a dusty atmosphere and possible upland glaciation. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 379-392.	3.3	21
3	Formation of ribbed bedforms below shear margins and lobes of palaeo-ice streams. <i>Cryosphere</i> , 2021, 15, 2889-2916.	3.9	16
4	Ice-crystal traces imply ephemeral freezing in early Permian equatorial Pangea. <i>Geology</i> , 2021, 49, 1397-1401.	4.4	9
5	Permian exhumation of the Montagne Noire core complex recorded in the Graissessac-Lodève Basin, France. <i>Basin Research</i> , 2018, 30, 1-14.	2.7	24
6	Modelled subglacial floods and tunnel valleys control the life cycle of transitory ice streams. <i>Cryosphere</i> , 2018, 12, 2759-2772.	3.9	21
7	Comment on "Chronostratigraphy and Paleoclimatology of the Lodève Basin, France: Evidence for a pan-tropical aridification event across the Carboniferous-Permian boundary" by Michel, L. A., Tabor, N. J., Montañez, I. P., Schmitz, M. D., & Davydov, V. I. (2015). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 430, 118-131. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 997-999.	2.3	3
8	Experimental modeling of pressurized subglacial water flow: Implications for tunnel valley formation. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 2022-2041.	2.8	18
9	A 3 Ga old polythermal ice sheet in Isidis Planitia, Mars: Dynamics and thermal regime inferred from numerical modeling. <i>Earth and Planetary Science Letters</i> , 2015, 426, 176-190.	4.4	17
10	Landform assemblage in Isidis Planitia, Mars: Evidence for a 3 Ga old polythermal ice sheet. <i>Earth and Planetary Science Letters</i> , 2015, 411, 253-267.	4.4	28
11	One million cubic kilometers of fossil ice in Valles Marineris: Relicts of a 3.5Gy old glacial landsystem along the Martian equator. <i>Geomorphology</i> , 2014, 204, 235-255.	2.6	82
12	Filling sequence in Late Paleozoic continental basins: A chimera of climate change? A new light shed given by the Graissessac-Lodève basin (SE France). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 302, 170-186.	2.3	31
13	High-resolution record of tectonic and sedimentary processes in growth strata. <i>Marine and Petroleum Geology</i> , 2009, 26, 1350-1364.	3.3	40
14	Impact of syndimentary metre-scale normal fault scarps on sediment gravity flow dynamics: An example from the Grasse-Annot Formation, SE France. <i>Sedimentary Geology</i> , 2007, 202, 796-820.	2.1	23
15	Identification of Permian palaeowind direction from wave-dominated lacustrine sediments (Lodeve) Tj ETQq1 1 0.784314 rgBT / Overlo	3.1	34
16	Using T-Z plots as a graphical method to infer lithological variations from growth strata. <i>Journal of Structural Geology</i> , 2004, 26, 1425-1432.	2.3	25
17	How reliable are growth strata in interpreting short-term (10Âs to 100Âs ka) growth structures kinematics?. <i>Comptes Rendus - Geoscience</i> , 2004, 336, 151-158.	1.2	13
18	Report on ICDP Deep Dust workshops: probing continental climate of the late Paleozoic icehouse-greenhouse transition and beyond. <i>Scientific Drilling</i> , 0, 28, 93-112.	0.6	4