

Jean-Daniel Champagnac

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,709
citations

430874

18
h-index

642732

23
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docs citations

24
times ranked

1841
citing authors

#	ARTICLE	IF	CITATIONS
1	Deglaciation and glacial erosion: A joint control on magma productivity by continental unloading. <i>Geophysical Research Letters</i> , 2016, 43, 1632-1641.	4.0	26
2	Exploring IRSL50 fading variability in bedrock feldspars and implications for OSL thermochronometry. <i>Quaternary Geochronology</i> , 2016, 36, 55-66.	1.4	22
3	Plio-Pleistocene increase of erosion rates in mountain belts in response to climate change. <i>Terra Nova</i> , 2016, 28, 2-10.	2.1	68
4	Deciphering neotectonics from river profile analysis in the karst Jura Mountains (northern Alpine) Tj ETQq0 0 0 rgBT //Overlock 10 Tf 50 6	1.2	11
5	Rates and style of Cenozoic deformation around the Gonghe Basin, northeastern Tibetan Plateau. , 2014, 10, 1255-1282.		46
6	Late-Cenozoic relief evolution under evolving climate: A review. <i>Tectonophysics</i> , 2014, 614, 44-65.	2.2	51
7	The growth of northeastern Tibet and its relevance to large-scale continental geodynamics: A review of recent studies. <i>Tectonics</i> , 2013, 32, 1358-1370.	2.8	350
8	Spatial and temporal variations of glacial erosion in the Rhône valley (Swiss Alps): Insights from numerical modeling. <i>Earth and Planetary Science Letters</i> , 2013, 368, 119-131.	4.4	46
9	Pre-glacial topography of the European Alps. <i>Geology</i> , 2012, 40, 1067-1070.	4.4	65
10	River drainage patterns in the New Zealand Alps primarily controlled by plate tectonic strain. <i>Nature Geoscience</i> , 2012, 5, 744-748.	12.9	131
11	Tectonics, climate, and mountain topography. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	121
12	3D cartographic modeling of the Alpine arc. <i>Tectonophysics</i> , 2012, 579, 131-143.	2.2	9
13	Glacial hydrology and erosion patterns: A mechanism for carving glacial valleys. <i>Earth and Planetary Science Letters</i> , 2011, 310, 498-508.	4.4	150
14	Slip rate at the north-eastern front of the Qilian Shan, China. <i>Terra Nova</i> , 2010, 22, 180-187.	2.1	62
15	Erosion-driven uplift of the modern Central Alps. <i>Tectonophysics</i> , 2009, 474, 236-249.	2.2	124
16	Quantification of strain rate in the Western Alps using geodesy: comparisons with seismotectonics. <i>Swiss Journal of Geosciences</i> , 2008, 101, 377-385.	1.2	31
17	Flexural isostatic response of the Alps to increased Quaternary erosion recorded by foreland basin remnants, SE France. <i>Terra Nova</i> , 2008, 20, 213-220.	2.1	35
18	Aseismic deformation in the Alps: GPS vs. seismic strain quantification. <i>Terra Nova</i> , 2007, 19, 182-188.	2.1	35

#	ARTICLE	IF	CITATIONS
19	Extensional neotectonics around the bend of the Western/Central Alps: an overview. <i>International Journal of Earth Sciences</i> , 2007, 96, 1101-1129.	1.8	113
20	Regional brittle extension in Quaternary sediments of Lanslebourg (Haute-Maurienne valley, western Tj ETQq0 0 0 ggBT /Overlock 10 Tf	2.2	3
21	Active strike-slip faulting in the Chablais area (NW Alps) from earthquake focal mechanisms and relative locations. <i>Eclogae Geologicae Helveticae</i> , 2005, 98, 189-199.	0.6	9
22	Origin of the current stress field in the western/central Alps: role of gravitational re-equilibration constrained by numerical modelling. <i>Geological Society Special Publication</i> , 2005, 243, 295-310.	1.3	17
23	Brittle deformation in the inner NW Alps: from early orogen-parallel extrusion to late orogen-perpendicular collapse. <i>Terra Nova</i> , 2004, 16, 232-242.	2.1	38
24	Present-day geodynamics in the bend of the western and central Alps as constrained by earthquake analysis. <i>Geophysical Journal International</i> , 2004, 158, 753-774.	2.4	146