

Camille Clerc

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,079
citations

430874

18
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

757
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal control on the modes of crustal thinning leading to mantle exhumation: Insights from the Cretaceous Pyrenean hot paleomargins. <i>Tectonics</i> , 2014, 33, 1340-1359.	2.8	136
2	Rifted margins: Ductile deformation, boudinage, continentward-dipping normal faults and the role of the weak lower crust. <i>Gondwana Research</i> , 2018, 53, 20-40.	6.0	111
3	High-temperature metamorphism during extreme thinning of the continental crust: a reappraisal of the North Pyrenean passive paleomargin. <i>Solid Earth</i> , 2015, 6, 643-668.	2.8	103
4	Exhumation of subcontinental mantle rocks: evidence from ultramafic-bearing clastic deposits nearby the Lherz peridotite body, French Pyrenees. <i>Bulletin - Societe Geologique De France</i> , 2012, 183, 443-459.	2.2	89
5	Ductile extensional shear zones in the lower crust of a passive margin. <i>Earth and Planetary Science Letters</i> , 2015, 431, 1-7.	4.4	84
6	Ophicalcites from the northern Pyrenean belt: a field, petrographic and stable isotope study. <i>International Journal of Earth Sciences</i> , 2014, 103, 141-163.	1.8	56
7	Basement "Cover decoupling and progressive exhumation of metamorphic sediments at hot rifted margin. Insights from the Northeastern Pyrenean analog. <i>Tectonophysics</i> , 2016, 686, 82-97.	2.2	53
8	Deformation associated with mantle exhumation in a distal, hot passive margin environment: New constraints from the Saraille Massif (Chagnons Bearnais, North-Pyrenean Zone). <i>Comptes Rendus - Geoscience</i> , 2016, 348, 279-289.	1.2	50
9	Rifted margins classification and forcing parameters. <i>Scientific Reports</i> , 2021, 11, 8199.	3.3	48
10	Very high geothermal gradient during mantle exhumation recorded in mylonitic marbles and carbonate breccias from a Mesozoic Pyrenean palaeomargin (Lherz area, North Pyrenean Zone.) <i>Tectonics</i> , 2021, 40, 100000.	4.0	37
11	Preorogenic exhumation of the North Pyrenean Agly massif (Eastern Pyrenees-France). <i>Tectonics</i> , 2013, 32, 95-106.	2.8	46
12	Extensional crustal tectonics and crust-mantle coupling, a view from the geological record. <i>Earth-Science Reviews</i> , 2018, 185, 1187-1209.	9.1	36
13	Cretaceous mantle exhumation in the central Pyrenees: New constraints from the peridotites in eastern Ariège (North Pyrenean zone, France). <i>Comptes Rendus - Geoscience</i> , 2016, 348, 268-278.	1.2	35
14	A review of cretaceous smooth-slopes extensional basins along the Iberia-Eurasia plate boundary: How pre-rift salt controls the modes of continental rifting and mantle exhumation. <i>Earth-Science Reviews</i> , 2020, 201, 103071.	9.1	35
15	Numerical modelling of Cretaceous Pyrenean Rifting: The interaction between mantle exhumation and syn-rift salt tectonics. <i>Basin Research</i> , 2020, 32, 652-667.	2.7	32
16	Fluid circulations in response to mantle exhumation at the passive margin setting in the north Pyrenean zone, France. <i>Mineralogy and Petrology</i> , 2018, 112, 647-670.	1.1	26
17	Mantle exhumation at magma-poor passive continental margins. Part I. 3D architecture and metasomatic evolution of a fossil exhumed mantle domain (Lurdach Lherzolite, north-western Pyrenees, France). <i>Bulletin - Societe Geologique De France</i> , 2019, 190, 8.	2.2	23
18	New Caledonia Obducted Peridotite Nappe: Offshore Extent and Implications for Obduction and Postobduction Processes. <i>Tectonics</i> , 2018, 37, 1077-1096.	2.8	22

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19	Mantle exhumation at magma-poor passive continental margins. Part II: Tectonic and metasomatic evolution of large-displacement detachment faults preserved in a fossil distal margin domain (Saraille Lherzolites, northwestern Pyrenees, France). Bulletin - Societe Geologique De France, 2019, 190, 14.	2.2	19
20	Deepwater Fold-and-Thrust Belt Along New Caledonia's Western Margin: Relation to Post-obduction Vertical Motions. Tectonics, 2017, 36, 2108-2122.	2.8	11
21	Reply to comment by P. Olivier on "Preorogenic exhumation of the North Pyrenean Agly Massif (Eastern Pyrenees, France)". Tectonics, 2013, 32, 823-826.	2.8	3
22	The sapphirine-bearing rocks in contact with the Lherz peridotite body: New mineralogical data, age and interpretation. Bulletin - Societe Geologique De France, 2020, 191, 5.	2.2	3
23	Reply to Debroas et al.'s comment. Bulletin - Societe Geologique De France, 2013, 184, 631-633.	2.2	1
24	Reply to comment by P. Olivier on "Thermal control on the modes of crustal thinning leading to mantle exhumation: Insight from the Cretaceous Pyrenean hot paleomargins". Tectonics, 2015, 34, 2275-2278.	2.8	1