

# Michel Corsini

## List of Publications by Year in descending order

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42  
papers

1,638  
citations

304743

22  
h-index

289244

40  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Jurassic back-arc and Cretaceous hot-spot series In the Armenian ophiolites â€” Implications for the obduction process. <i>Lithos</i> , 2009, 112, 163-187.	1.4	143
2	Relationships between tectonics, slope instability and climate change: Cosmic ray exposure dating of active faults, landslides and glacial surfaces in the SW Alps. <i>Geomorphology</i> , 2010, 117, 1-13.	2.6	116
3	Blueschists of the Amassia-Stepanavan Suture Zone (Armenia): linking Tethys subduction history from E-Turkey to W-Iran. <i>International Journal of Earth Sciences</i> , 2009, 98, 533-550.	1.8	109
4	Geology, geochemistry and $^{40}\text{Ar}/^{39}\text{Ar}$ dating of Sevan ophiolites (Lesser Caucasus, Armenia): Evidence for Jurassic Back-arc opening and hot spot event between the South Armenian Block and Eurasia. <i>Journal of Asian Earth Sciences</i> , 2009, 34, 135-153.	2.3	104
5	Late evolution of the southern European Variscan belt: Exhumation of the lower crust in a context of oblique convergence. <i>Comptes Rendus - Geoscience</i> , 2009, 341, 214-223.	1.2	96
6	Dating low-temperature deformation by $^{40}\text{Ar}/^{39}\text{Ar}$ on white mica, insights from the Argentera-Mercantour Massif (SW Alps). <i>Lithos</i> , 2011, 125, 521-536.	1.4	91
7	Alpine and late-hercynian geochronological constraints in the Argentera Massif (Western Alps). <i>Eclogae Geologicae Helveticae</i> , 2004, 97, 3-15.	0.6	86
8	$\text{Rb}\text{-}^{87}\text{Sr}$ and $^{40}\text{Ar}/^{39}\text{Ar}$ ages in blueschists from the Ile de Groix (Armorican Massif, France): Implications for closure mechanisms in isotopic systems. <i>Chemical Geology</i> , 2005, 220, 21-45.	3.3	81
9	Strain transfer at continental scale from a transcurrent shear zone to a transpressional fold belt: The Patos-Serid system, northeastern Brazil. <i>Geology</i> , 1991, 19, 586.	4.4	80
10	Constraining deformation stages in brittleâ€”ductile shear zones from combined field mapping and $^{40}\text{Ar}/^{39}\text{Ar}$ dating: The structural evolution of the Grimsel Pass area (Aar Massif, Swiss Alps). <i>Journal of Structural Geology</i> , 2009, 31, 1377-1394.	2.3	79
11	Variations d'aisseur du Cambrien moyen en Meseta marocaine occidentale: signification godynamique des donnes de surface et de subsurface. <i>Canadian Journal of Earth Sciences</i> , 1988, 25, 2104-2117.	1.3	57
12	Evidence for superposed MORB, oceanic plateau and volcanic arc series in the Lesser Caucasus (Stepanavan, Armenia). <i>Comptes Rendus - Geoscience</i> , 2007, 339, 482-492.	1.2	57
13	The active fault system of SW Alps. <i>Journal of Geodynamics</i> , 2010, 49, 296-302.	1.6	47
14	Tectonic evolution of the Rehamna metamorphic dome (Morocco) in the context of the Alleghanian-Variscan orogeny. <i>Tectonics</i> , 2014, 33, 1154-1177.	2.8	40
15	Petrophysical properties of volcanic rocks and impacts of hydrothermal alteration in the Guadeloupe Archipelago (West Indies). <i>Journal of Volcanology and Geothermal Research</i> , 2018, 360, 1-21.	2.1	38
16	Ductile duplexing at a bend of a continental-scale strike-slip shear zone: example from NE Brazil. <i>Journal of Structural Geology</i> , 1996, 18, 385-394.	2.3	37
17	Metamorphic and structural evolution of the Maures-Tanneron massif (SE Variscan chain): evidence of doming along a transpressional margin. <i>Bulletin - Societie Geologique De France</i> , 2009, 180, 217-230.	2.2	37
18	Variscan crustal thickening in the Maures-Tanneron massif (South Variscan belt, France): new in situ monazite U-Th-Pb chemical dating of high-grade rocks. <i>Bulletin - Societie Geologique De France</i> , 2015, 186, 145-169.	2.2	29

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19	The southern and central parts of the "Souttoufide" belt, Northwest Africa. <i>Journal of African Earth Sciences</i> , 2015, 112, 451-470.	2.0	27
20	Variscan evolution of the Tanneron massif, SE France, examined through U-Pb monazite ages. <i>Journal of the Geological Society</i> , 2008, 165, 467-478.	2.1	26
21	Exhumation processes during post-collisional stage in the Variscan belt revealed by detailed <sup>40</sup> Ar/ <sup>39</sup> Ar study (Tanneron Massif, SE France). <i>International Journal of Earth Sciences</i> , 2010, 99, 327-341.	1.8	25
22	Thermal and mechanical evolution of an orogenic wedge during Variscan collision: an example in the Maures-Tanneron Massif (SE France). <i>Geological Society Special Publication</i> , 2014, 405, 313-331.	1.3	24
23	Crustal structure and gravity anomalies beneath the Rif, northern Morocco: implications for the current tectonics of the Alboran region. <i>Geophysical Journal International</i> , 2015, 202, 640-652.	2.4	23
24	Timing and kinematics of flow in a transpressive dextral shear zone, Maures Massif (Southern France). <i>International Journal of Earth Sciences</i> , 2020, 109, 2261-2285.	1.8	21
25	Miocene crustal extension following thrust tectonic in the Lower Sebtides units (internal Rif, Ceuta) Tj ETQq1 1 0.784314 rgBT /Overlacc 2018, 722, 507-535.	2.2	20
26	Crustal exhumation during ongoing compression in the Variscan Maures-Tanneron Massif, France-Geological and thermo-mechanical aspects. <i>Tectonophysics</i> , 2018, 746, 439-458.	2.2	19
27	Variscan eclogites from the Argentera-Mercantour Massif (External Crystalline Massifs, SW Alps): a dismembered cryptic suture zone. <i>International Journal of Earth Sciences</i> , 2020, 109, 1273-1294.	1.8	16
28	La D'Asirade island (Guadeloupe, French West Indies): a key target for deciphering the role of reactivated tectonic structures in Lesser Antilles arc building. <i>Bulletin - Societie Geologique De France</i> , 2013, 184, 21-34.	2.2	14
29	The Early Pliocene reflooding in the Western Mediterranean: New insights from the rias of the Internal Rif, Morocco. <i>Comptes Rendus - Geoscience</i> , 2014, 346, 90-98.	1.2	14
30	Arc-related metamorphism in the Guadeloupe archipelago (Lesser Antilles active island arc): First report and consequences. <i>Lithos</i> , 2018, 320-321, 592-598.	1.4	13
31	Pliocene to Quaternary deformation in the Var Basin (Nice, SE France) and its interpretation in terms of "slow-active" faulting. <i>Swiss Journal of Geosciences</i> , 2012, 105, 361-376.	1.2	11
32	Tectonic evolution of Les Saintes archipelago (Guadeloupe, French West Indies): relation with the Lesser Antilles arc system. <i>Bulletin - Societie Geologique De France</i> , 2016, 187, 3-10.	2.2	11
33	Tectono-metamorphic evolution of shallow crustal levels within active volcanic arcs. Insights from the exhumed Basal Complex of Basse-Terre (Guadeloupe, French West Indies). <i>Bulletin - Societie Geologique De France</i> , 2019, 190, 10.	2.2	8
34	New investigations in southwestern Guinea: consequences for the Rokelide belt (West Africa). <i>International Journal of Earth Sciences</i> , 2015, 104, 1267-1275.	1.8	7
35	Neogene polyphase deformation related to the Alboran Basin evolution: new insights for the Beni Bousera massif (Internal Rif, Morocco). <i>Bulletin - Societie Geologique De France</i> , 2020, 191, 10.	2.2	6
36	The Beni Bousera marbles, record of a Triassic-Early Jurassic hyperextended margin in the Alpujarrides-Sebtides units (Rif belt, Morocco). <i>Bulletin - Societie Geologique De France</i> , 2021, 192, 26.	2.2	6

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37	Mobilisation of rare earth elements in shear zones: Insights from the Tabouchent granodioritic pluton (Jebilet massif, Variscan Belt, Morocco). <i>Ore Geology Reviews</i> , 2021, 133, 103996.	2.7	5
38	Sidi M'Barek: a representative example of the Moroccan massive sulfide deposits. <i>Geological Society Special Publication</i> , 2021, 502, 67-95.	1.3	3
39	Géométrie, cinématique et signification tectonique des systèmes de décrochements ductiles intracontinentaux de la Province Borborema (NE Brésil). <i>Geodinamica Acta</i> , 1995, 8, 129-141.	2.2	3
40	Direct dating of brittle extensional deformation contemporaneous of Neogene exhumation of the internal zones of the Rif Chain. <i>Tectonophysics</i> , 2021, 807, 228800.	2.2	2
41	Amphibolite facies metamorphic event within the Upper Sebtides tectonic units (Internal Rif, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Geoscience, 2021, 353, 193-208.	1.2	2
42	<sup>40</sup> Ar/ <sup>39</sup> Ar dating of high temperature geothermal systems: First attempt on hydrothermally altered pyroxenes from the Saintes archipelago (Lesser Antilles arc, Guadeloupe). <i>Chemical Geology</i> , 2021, 581, 120401.	3.3	2