

StÃ©phane Scaillet

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	⁴⁰ Ar/ ³⁹ Ar Age Constraints on High-Pressure/Low-Temperature Metamorphism in Extensively Overprinted Units: The Example of the Alpujarride Subduction Complex (Betic Cordillera), <i>Tectonophysics</i> , 2018, 672-673, 150-169.	12.8	49
2	Atomistic simulations of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si56.svg"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 40 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Ar}$ diffusion in muscovite. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 331, 123-142.	3.9	8
3	Volcanological evolution of Pantelleria Island (Strait of Sicily) peralkaline volcano: a review. <i>Comptes Rendus - Geoscience</i> , 2021, 353, 111-132.	1.2	10
4	Structural and kinematic evolution of strike-slip shear zones around and in the Central Tianshan: Insights for eastward tectonic wedging in the southwest Central Asian Orogenic Belt. <i>Journal of Structural Geology</i> , 2021, 144, 104279.	2.3	26
5	⁴⁰ Ar behaviour and exhumation dynamics in a subduction channel from multi-scale ⁴⁰ Ar/ ³⁹ Ar systematics in phengite. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 311, 141-173.	3.9	15
6	Lateral variations of pressure-temperature evolution in non-cylindrical orogens and 3-D subduction dynamics: the Betic-Rif Cordillera example. <i>Bulletin - Societe Geologique De France</i> , 2021, 192, 8.	2.2	18
7	In Situ and Step-Heating ⁴⁰ Ar/ ³⁹ Ar Dating of White Mica in Low-Temperature Shear Zones (Tenda Massif, Alpine Corsica, France). <i>Tectonics</i> , 2020, 39, e2020TC006246.	2.8	14
8	Diffusion and fluid interaction in Itrongay pegmatite (Madagascar): Evidence from in situ ⁴⁰ Ar/ ³⁹ Ar dating of gem-quality alkali feldspar and U-Pb dating of protogenetic apatite inclusions. <i>Chemical Geology</i> , 2020, 556, 119841.	3.3	8
9	Recent volcano-tectonic activity of the Ririba rift and the evolution of rifting in South Ethiopia. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 403, 106989.	2.1	12
10	Aborted propagation of the Ethiopian rift caused by linkage with the Kenyan rift. <i>Nature Communications</i> , 2019, 10, 1309.	12.8	49
11	Explosive eruptive history of Pantelleria, Italy: Repeated caldera collapse and ignimbrite emplacement at a peralkaline volcano. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 349, 47-73.	2.1	28
12	Deformation behavior of continental crust during subduction and exhumation: Strain distribution over the Tenda massif (Alpine Corsica, France). <i>Tectonophysics</i> , 2017, 705, 12-32.	2.2	19
13	Anatomy of the Cycladic Blueschist Unit on Sifnos Island (Cyclades, Greece). <i>Journal of Geodynamics</i> , 2016, 97, 62-87.	1.6	39
14	Strain localization in a fossilized subduction channel: Insights from the Cycladic Blueschist Unit (Syros, Greece). <i>Tectonophysics</i> , 2016, 672-673, 150-169.	2.2	53
15	The kinematics of central-southern Turkey and northwest Syria revisited. <i>Tectonophysics</i> , 2014, 618, 35-66.	2.2	15
16	Tephrochronology of the Mont-Dore volcanic Massif (Massif Central, France): new ⁴⁰ Ar/ ³⁹ Ar constraints on the Late Pliocene and Early Pleistocene activity. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	12
17	The Early Andean subduction system as an analog to island arcs: Evidence from across-arc geochemical variations in northern Chile. <i>Lithos</i> , 2013, 179, 211-230.	1.4	45
18	A revision of the structure and stratigraphy of pre-Green Tuff ignimbrites at Pantelleria (Strait of Sicily). <i>Tectonophysics</i> , 2010, 506, 1-10.	2.1	48

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19	Late Cenozoic regional uplift and localised crustal deformation within the northern Arabian Platform in southeast Turkey: Investigation of the Euphrates terrace staircase using multidisciplinary techniques. <i>Geomorphology</i> , 2012, 165-166, 7-24.	2.6	23
20	Pyroclastic chronology of the Sancy stratovolcano (Mont-Dore, French Massif Central): New high-precision $^{40}\text{Ar}/^{39}\text{Ar}$ constraints. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 225-226, 1-12.	2.1	16
21	High-resolution $^{40}\text{Ar}/^{39}\text{Ar}$ chronostratigraphy of the post-caldera (<20ka) volcanic activity at Pantelleria, Sicily Strait. <i>Earth and Planetary Science Letters</i> , 2011, 309, 280-290.	4.4	40
22	Formation of the Upper Pleistocene terraces of Lake Van (Turkey). <i>Journal of Quaternary Science</i> , 2010, 25, 1124-1137.	2.1	69
23	Origin and geodynamic evolution of late Cenozoic potassium-rich volcanism in the Isparta area, southwestern Turkey. <i>International Geology Review</i> , 2010, 52, 454-504.	2.1	34
24	The pyroclastites around southwestern part of Van Lake (eastern Anatolia, Turkey): implications on the regional palaeohydrography. <i>Quaternaire</i> , 2010, , 425-441.	0.2	3
25	Indicateurs morphosédimentaires des variations de niveau lacustre dans les terrasses du lac de Van (Turquie). <i>Quaternaire</i> , 2010, , 443-458.	0.2	6
26	Late Cenozoic surface uplift, basaltic volcanism, and incision by the River Tigris around Diyarbakır, SE Turkey. <i>International Journal of Earth Sciences</i> , 2009, 98, 601-625.	1.8	45
27	Preservation by basalt of a staircase of latest Pliocene terraces of the River Murat in eastern Turkey: Evidence for rapid uplift of the eastern Anatolian Plateau. <i>Global and Planetary Change</i> , 2009, 68, 254-269.	3.5	26
28	New ^{40}Ar age determinations of Kilimanjaro volcano in the North Tanzanian diverging rift, East Africa. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 173, 99-112.	2.1	78
29	Oldest human footprints dated by Ar/Ar . <i>Earth and Planetary Science Letters</i> , 2008, 275, 320-325.	4.4	29
30	Pleistocene eruptive chronology of the Gölcük volcano, Isparta Angle, Turkey. Chronologie des épisodes volcaniques pléistocènes du volcan Gölcük, Angle d'Isparta, Turquie. <i>Quaternaire</i> , 2008, , 147-156.	0.2	48
31	Limited glaciation and very early deglaciation in central Iceland. <i>Comptes Rendus - Geoscience</i> , 2007, 339, 1-12.	1.2	19
32	The Alleret maar (Massif Central, France): A new lacustrine sequence of the early Middle Pleistocene in western Europe. <i>Comptes Rendus - Geoscience</i> , 2007, 339, 987-997.	1.2	13
33	Evidence for long-term uplift on the Canary Islands from emergent Mio-Pliocene littoral deposits. <i>Global and Planetary Change</i> , 2007, 57, 222-234.	3.5	49
34	Reply to Comment on 'Recent unrest at Canary Islands' Teide Volcano'. <i>Eos</i> , 2007, 88, 488-488.	0.1	0
35	Recent unrest at Canary Islands' Teide Volcano?. <i>Eos</i> , 2006, 87, 462-465.	0.1	7
36	Late Cenozoic uplift of western Turkey: Improved dating of the Kula Quaternary volcanic field and numerical modelling of the Gediz River terrace staircase. <i>Global and Planetary Change</i> , 2006, 51, 131-171.	3.5	68

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37	Constraints on the timing and regional conditions at the start of the present phase of crustal extension in western Turkey, from observations in and around the Denizli region. <i>Geodinamica Acta</i> , 2005, 18, 209-238.	2.2	64
38	On the age of the Laschamp geomagnetic excursion. <i>Earth and Planetary Science Letters</i> , 2004, 227, 331-343.	4.4	160
39	A critical evaluation of young (near-zero) ^{40}Ar ages. <i>Earth and Planetary Science Letters</i> , 2004, 220, 265-275.	4.4	40
40	Southeast Baffin volcanic margin and the North American-Greenland plate separation. <i>Tectonics</i> , 2001, 20, 566-584.	2.8	58
41	Numerical error analysis in $^{40}\text{Ar}/^{39}\text{Ar}$ dating. <i>Chemical Geology</i> , 2000, 162, 269-298.	3.3	63
42	K-Ar ($^{40}\text{Ar}/^{39}\text{Ar}$) Geochronology of Ultrahigh Pressure Rocks. <i>Petrology and Structural Geology</i> , 1998, , 161-201.	0.5	26
43	Excess ^{40}Ar transport scale and mechanism in high-pressure phengites: A case study from an eclogitized metabasite of the Dora-Maira nappe, western Alps. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 1075-1090.	3.9	130