

Stephanie Brichau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6259102/publications.pdf>

Version: 2024-02-01

33
papers

1,073
citations

394421

19
h-index

434195

31
g-index

36
all docs

36
docs citations

36
times ranked

1159
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraining the long-term evolution of the slip rate for a major extensional fault system in the central Aegean, Greece, using thermochronology. <i>Earth and Planetary Science Letters</i> , 2006, 241, 293-306.	4.4	123
2	Low long-term erosion rates in high-energy mountain belts: Insights from thermo- and biochronology in the Eastern Pyrenees. <i>Earth and Planetary Science Letters</i> , 2009, 278, 208-218.	4.4	88
3	Extensional faulting on Tinos Island, Aegean Sea, Greece: How many detachments?. <i>Tectonics</i> , 2007, 26, .	2.8	80
4	The extensional Messaria shear zone and associated brittle detachment faults, Aegean Sea, Greece. <i>Journal of the Geological Society</i> , 2005, 162, 701-721.	2.1	75
5	Controls on timing of exhumation and deformation in the northern Peruvian eastern Andean wedge as inferred from low-temperature thermochronology and balanced cross section. <i>Tectonics</i> , 2015, 34, 715-730.	2.8	73
6	Understanding sedimentation in the Song Hong-Yinggehai Basin, South China Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	67
7	Timing, slip rate, displacement and cooling history of the Mykonos detachment footwall, Cyclades, Greece, and implications for the opening of the Aegean Sea basin. <i>Journal of the Geological Society</i> , 2008, 165, 263-277.	2.1	64
8	New constraints on the origin of the Sierra Madre de Chiapas (south Mexico) from sediment provenance and apatite thermochronometry. <i>Tectonics</i> , 2012, 31, .	2.8	62
9	Thermochronometric constraints on the tectonic evolution of the Serifos detachment, Aegean Sea, Greece. <i>International Journal of Earth Sciences</i> , 2010, 99, 379-393.	1.8	55
10	Middle Miocene vertebrates from the Amazonian Madre de Dios Subandean Zone, Perú. <i>Journal of South American Earth Sciences</i> , 2013, 42, 91-102.	1.4	43
11	Tectonothermal Evolution of the Cameros Basin: Implications for Tectonics of North Iberia. <i>Tectonics</i> , 2019, 38, 440-469.	2.8	33
12	A fission-track and (U ²³⁸ Th)/He thermochronometric study of the northern margin of the South China Sea: An example of a complex passive margin. <i>Tectonophysics</i> , 2009, 474, 584-594.	2.2	31
13	Timing and nature of formation of the Los metamorphic core complex, southern Cyclades, Greece. <i>Geological Society Special Publication</i> , 2009, 321, 139-167.	1.3	30
14	Low-temperature thermochronology in the Peruvian Central Andes: implications for long-term continental denudation, timing of plateau uplift, canyon incision and lithosphere dynamics. <i>Journal of the Geological Society</i> , 2010, 167, 803-815.	2.1	28
15	New age constraints on emplacement of the C ⁴⁰ venol granitoids, South French Massif Central. <i>International Journal of Earth Sciences</i> , 2008, 97, 725-738.	1.8	27
16	Latitudinal and Longitudinal Patterns of Exhumation in the Andes of North-Central Chile. <i>Tectonics</i> , 2018, 37, 2863-2886.	2.8	23
17	Post-orogenic exhumation in the western Pyrenees: evidence for extension driven by pre-orogenic inheritance. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	22
18	Exhumation controlled by transcurrent tectonics: the Argentera-Mercantour massif (SW Alps). <i>Terra Nova</i> , 2011, 23, 116-126.	2.1	21

#	ARTICLE	IF	CITATIONS
19	Exhumation history and timing of supergene copper mineralisation in an arid climate: New thermochronological data from the Centinela District, Atacama, Chile. <i>Terra Nova</i> , 2018, 30, 78-85.	2.1	20
20	Late-stage tectonic evolution of the Al-Hajar Mountains, Oman: new constraints from Palaeogene sedimentary units and low-temperature thermochronometry. <i>Geological Magazine</i> , 2020, 157, 1031-1044.	1.5	18
21	Erosion in the Chilean Andes between 27°S and 39°S: tectonic, climatic and geomorphic control. <i>Geological Society Special Publication</i> , 2015, 399, 401-418.	1.3	14
22	Tectono-stratigraphic and Thermal Evolution of the Western Betic Flysch: Implications for the Geodynamics of South Iberian Margin and Alboran Domain. <i>Tectonics</i> , 2020, 39, e2020TC006093.	2.8	14
23	First U-Pb LA-ICP-MS in situ dating of supergene copper mineralization: case study in the Chuquicamata mining district, Atacama Desert, Chile. <i>Mineralium Deposita</i> , 2021, 56, 239-252.	4.1	11
24	Western thrusting and uplift in northern Central Andes (western Peruvian margin). , 2019, , 299-331.		6
25	First timing constraints on the Ecuadorian Coastal Cordillera exhumation: Geodynamic implications. <i>Journal of South American Earth Sciences</i> , 2021, 105, 103007.	1.4	6
26	The Peruvian Sub-Andean Foreland Basin System: Structural Overview, Geochronologic Constraints, and Unexplored Plays. , 2018, , 91-120.		5
27	Deciphering the Cenozoic Exhumation History of the Eastern Pyrenees Along a Crustal-scale Normal Fault Using Low-temperature Thermochronology. <i>Tectonics</i> , 2022, 41, .	2.8	5
28	Comparison of 1030nm and 257nm wavelengths for U-Pb zircon dating by femtosecond laser ablation inductively coupled plasma mass spectrometry with support of 3D crater imaging. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 168, 105863.	2.9	4
29	Mineralogical and chemical characterization of supergene copper-bearing minerals: Examples from Chile and Burkina Faso. <i>Ore Geology Reviews</i> , 2021, 133, 104078.	2.7	4
30	Cenozoic exhumation patterns in the northern Andes: Constraints from the southern Bucaramanga Fault, Eastern Cordillera, Colombia. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103473.	1.4	3
31	Exhumation-Denudation History of the Maracaibo Block, Northwestern South America: Insights from Thermochronology. <i>Frontiers in Earth Sciences</i> , 2019, , 879-898.	0.1	2
32	Neogene basin infilling from cosmogenic nuclides (¹⁰ Be and ²¹ Ne) in Atacama, Chile: Implications for palaeoclimate and supergene copper mineralization. <i>Basin Research</i> , 2021, 33, 2549-2571.	2.7	2
33	The unroofing history of Naxos and Paros: Constraints and questions from thermochronology and thermal modeling. <i>IOP Conference Series: Earth and Environmental Science</i> , 2008, 2, 012019.	0.3	0