Gweltaz MahÃ©o

List of Publications by Year
in descending order

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22 papers	1,442 citations	516710 16 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	1281 citing authors

#	Article	IF	Citations
1	Exhumation, crustal deformation, and thermal structure of the Nepal Himalaya derived from the inversion of thermochronological and thermobarometric data and modeling of the topography. Journal of Geophysical Research, 2010, 115, .	3.3	245
2	Reconstructing the total shortening history of the NW Himalaya. Geochemistry, Geophysics, Geosystems, 2003, 4, .	2.5	227
3	Large-scale geometry, offset and kinematic evolution of the Karakorum fault, Tibet. Earth and Planetary Science Letters, 2004, 219, 255-269.	4.4	181
4	The South Ladakh ophiolites (NW Himalaya, India): an intra-oceanic tholeiitic arc origin with implication for the closure of the Neo-Tethys. Chemical Geology, 2004, 203, 273-303.	3.3	139
5	New Uâ€Th/Pb constraints on timing of shearing and longâ€term slipâ€rate on the Karakorum fault. Tectonics, 2008, 27, .	2.8	98
6	Reappraisal of the Jianchuan Cenozoic basin stratigraphy and its implications on the SE Tibetan plateau evolution. Tectonophysics, 2017, 700-701, 162-179.	2.2	96
7	Twenty million years of continuous deformation along the Karakorum fault, western Tibet: A thermochronological analysis. Tectonics, 2007, 26, .	2.8	83
8	Relicts of an intra-oceanic arc in the Sapi-Shergol mÃ©lange zone (Ladakh, NW Himalaya, India): implications for the closure of the Neo-Tethys Ocean. Journal of Asian Earth Sciences, 2006, 26, 695-707.	2.3	62
9	Oligoceneâ€Early Miocene Topographic Relief Generation of Southeastern Tibet Triggered by Thrusting. Tectonics, 2019, 38, 374-391.	2.8	61
10	Paleoelevations in the Jianchuan Basin of the southeastern Tibetan Plateau based on stable isotope and pollen grain analyses. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 510, 93-108.	2.3	47
11	Thrusting, exhumation, and basin fill on the western margin of the South China block during the India-Asia collision. Bulletin of the Geological Society of America, 2021, 133, 74-90.	3.3	36
12	Wet tropical climate in SE Tibet during the Late Eocene. Scientific Reports, 2017, 7, 7809.	3.3	29
13	New constraints on the timing of partial melting and deformation along the Nyalam section (central) Tj ETQq1 1 0.784314 rgBT /Over	1.3	27
14	Age and origin of post collision Baltoro granites, south Karakoram, North Pakistan: Insights from in-situ Uâ€“Pb, Hf and oxygen isotopic record of zircons. Lithos, 2014, 205, 341-358.	1.4	20
15	Reply to Comment on â€œLarge-scale geometry, offset and kinematic evolution of the Karakorum fault, TibetË®. Earth and Planetary Science Letters, 2004, 229, 159-163.	4.4	17
16	Evidence for pre-Cretaceous history and partial Neogene (19â€“9Ma) reequilibration in the Karakorum (NW Himalayan Syntaxis) from 40Arâ€“39Ar amphibole dating. Journal of Asian Earth Sciences, 2006, 27, 371-391.	2.3	17
17	Western Tibet relief evolution since the Oligo-Miocene. Gondwana Research, 2017, 41, 425-437.	6.0	14
18	Role of the Early Miocene Jinhe-Qinghe Thrust Belt in the building of the Southeastern Tibetan Plateau topography. Tectonophysics, 2021, 811, 228871.	2.2	14

#	Article	IF	Citations
19	Reconstruction of Tertiary palaeovalleys in the South Alpine Foreland Basin of France (Eoceneâ€“Oligocene of the Castellane arc). Sedimentary Geology, 2012, 275-276, 1-21.	2.1	10
20	River network evolution as a major control for orogenic exhumation: Case study from the western Tibetan plateau. Earth and Planetary Science Letters, 2016, 456, 168-181.	4.4	7
21	Timing and origin of migmatitic gneisses in south Karakoram: Insights from Uâ€“Pb, Hf and O isotopic record of zircons. Journal of Asian Earth Sciences, 2016, 120, 1-16.	2.3	7
22	Tectonic heritage in drainage pattern and dynamics: the case of the <scp>F</scp>rench <scp>S</scp>outh <scp>A</scp>lpine <scp>F</scp>oreland <scp>B</scp>asin (ca. 45â€“20ÂMa). Basin Research, 2017, 29, 26-50.	2.7	5