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	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
2	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
3	Oligoceneâ€Early Miocene Topographic Relief Generation of Southeastern Tibet Triggered by Thrusting. Tectonics, 2019, 38, 374-391.	2.8	61
4	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
5	Western Tibet relief evolution since the Oligo-Miocene. Gondwana Research, 2017, 41, 425-437.	6.0	14
6	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
7	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
8	Wet tropical climate in SE Tibet during the Late Eocene. Scientific Reports, 2017, 7, 7809.	3.3	29
9	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
10	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
11	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
12	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
13	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
14	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
15	New Uâ€Th/Pb constraints on timing of shearing and longâ€term slipâ€rate on the Karakorum fault. Tectonics, 2008, 27, .	2.8	98
16	Twenty million years of continuous deformation along the Karakorum fault, western Tibet: A thermochronological analysis. Tectonics, 2007, 26, .	2.8	83
17	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
18	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

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19	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
20	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
21	Large-scale geometry, offset and kinematic evolution of the Karakorum fault, Tibet. Earth and Planetary Science Letters, 2004, 219, 255-269.	4.4	181
22	Reconstructing the total shortening history of the NW Himalaya. Geochemistry, Geophysics, Geosystems, 2003, 4, .	2.5	227