Didier BourlÃ¨s

List of Publications by Year
in descending order

256	11,036	25034	49909
papers	citations	57 h-index	87 g-index

264	264	264	7367
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Production of cosmogenic radionuclides at great depth: A multi element approach. Earth and Planetary Science Letters, 2011, 309, 1-9.	4.4	268
2	The French accelerator mass spectrometry facility ASTER: Improved performance and developments. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1954-1959.	1.4	212
3	10Be and 9Be in marine sediments and their potential for dating. Geochimica Et Cosmochimica Acta, 1989, 53, 443-452.	3.9	191
4	Slope instability in relation to glacial debuttressing in alpine areas (Upper Durance catchment,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 2008, 95, 3-26.	2.6	190
5	Cosmogenic nuclide dating of Sahelanthropus tchadensis and Australopithecus bahrelghazali : Mio-Pliocene hominids from Chad. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3226-3231.	7.1	175
6	Sources of in-situ 36Cl in basaltic rocks. Implications for calibration of production rates. Quaternary Geochronology, 2009, 4, 441-461.	1.4	174
7	Slip rates of the Karakorum fault, Ladakh, India, determined using cosmic ray exposure dating of debris flows and moraines. Journal of Geophysical Research, 2002, 107, ESE 7-1-ESE 7-13.	3.3	162
8	Dominance of tectonics over climate in Himalayan denudation. Geology, 2014, 42, 243-246.	4.4	161
9	In situ produced 10Be measurements at great depths: implications for production rates by fast muons. Earth and Planetary Science Letters, 2003, 211, 251-258.	4.4	159
10	Slip rate on the Dead Sea transform fault in northern Araba valley (Jordan). Geophysical Journal International, 2000, 142, 755-768.	2.4	158
11	Age and Date for Early Arrival of the Acheulian in Europe (Barranc de la Boella, la Canonja, Spain). PLoS ONE, 2014, 9, e103634.	2.5	143
12	Late Pleistocene and Holocene glaciation in the Pyrenees: a critical review and new evidence from 10Be exposure ages, south-central Pyrenees. Quaternary Science Reviews, 2006, 25, 2937-2963.	3.0	142
13	10Be-derived Himalayan denudation rates and sediment budgets in the Ganga basin. Earth and Planetary Science Letters, 2012, 333-334, 146-156.	4.4	135
14	Cumulative right-lateral fault slip rate across the Zagros-Makran transfer zone: role of the Minab-Zendan fault system in accommodating Arabia-Eurasia convergence in southeast Iran. Geophysical Journal International, 2005, 162, 177-203.	2.4	134
15	Earthquake synchrony and clustering on Fucino faults (Central Italy) as revealed from in situ ³⁶Cl exposure dating. Journal of Geophysical Research: Solid Earth, 2013, 118, 4948-4974.	3.4	128
16	Long-term fluvial incision rates and postglacial river relaxation time in the French Western Alps from 10Be dating of alluvial terraces with assessment of inheritance, soil development and wind ablation effects. Earth and Planetary Science Letters, 2003, 209, 197-214.	4.4	119
17	10Be in ice at Vostok Antarctica during the last climatic cycle. Nature, 1985, 316, 616-617.	27.8	117
18	Slip rates along active faults estimated with cosmic-rayâ€“exposure dates: Application to the Bogd fault, Gobi-AltaÃ¯, Mongolia. Geology, 1995, 23, 1019.	4.4	117

#	Article	IF	Citations
19	Slip history of the Magnola fault (Apennines, Central Italy) from 36Cl surface exposure dating: evidence for strong earthquakes over the Holocene. Earth and Planetary Science Letters, 2004, 225, 163-176.	4.4	117
20	Relationships between tectonics, slope instability and climate change: Cosmic ray exposure dating of active faults, landslides and glacial surfaces in the SW Alps. Geomorphology, 2010, 117, 1-13.	2.6	116
21	Estimation of slip rates in the southern Tien Shan using cosmic ray exposure dates of abandoned alluvial fans. Bulletin of the Geological Society of America, 1998, 110, 377-386.	3.3	115
22	Dating the Homo erectus bearing travertine from KocabaÅŸ (Denizli, Turkey) at at least 1.1 Ma. Earth and Planetary Science Letters, 2014, 390, 8-18.	4.4	109
23	Determination of both exposure time and denudation rate from an in situ-produced 10Be depth profile: A mathematical proof of uniqueness. Model sensitivity and applications to natural cases. Quaternary Geochronology, 2009, 4, 56-67.	1.4	108
24	Frost-cracking control on catchment denudation rates: Insights from in situ produced 10Be concentrations in stream sediments (Ecrinsâ€“Pelvoux massif, French Western Alps). Earth and Planetary Science Letters, 2010, 293, 72-83.	4.4	105
25	Beryllium isotope geochemistry in tropical river basins. Geochimica Et Cosmochimica Acta, 1992, 56, 1607-1624.	3.9	99
26	Exposure age chronology of the last glaciation in the eastern Pyrenees. Quaternary Research, 2008, 69, 231-241.	1.7	99
27	Palaeogeography and 10Be exposure-age chronology of Middle and Late Pleistocene glacier systems in the northern Pyrenees: Implications for reconstructing regional palaeoclimates. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 305, 109-122.	2.3	98
28	Determination of predevelopment denudation rates of an agricultural watershed (CayaguÃ¡s River,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 1998, 160, 723-728.	4.4	97
29	A high resolution authigenic 10Be/9Be record of geomagnetic moment variations over the last 300 ka from sedimentary cores of the Portuguese margin. Earth and Planetary Science Letters, 2004, 219, 397-412.	4.4	96
30	The recent fault scarps of the Western Alps (France): Tectonic surface ruptures or gravitational sackung scarps? A combined mapping, geomorphic, levelling, and 10Be dating approach. Tectonophysics, 2006, 418, 255-276.	2.2	96
31	Local erosion rates versus active tectonics: cosmic ray exposure modelling in Provence (south-east) Tj ETQq1 1 0.784314 rgBT /Overlo	4.4	95
32	Calibration of cosmogenic 36Cl production rates from Ca and K spallation in lava flows from Mt. Etna (38Â°N, Italy) and Payun Matru (36Â°S, Argentina). Geochimica Et Cosmochimica Acta, 2011, 75, 2611-2632.	3.9	95
33	Paleo-erosion rates in Central Asia since 9Ma: A transient increase at the onset of Quaternary glaciations?. Earth and Planetary Science Letters, 2011, 304, 85-92.	4.4	95
34	Mid-Holocene cluster of large-scale landslides revealed in the Southwestern Alps by 36Cl dating. Insight on an Alpine-scale landslide activity. Quaternary Science Reviews, 2014, 90, 106-127.	3.0	95
35	Spatial distribution of denudation in Eastern Tibet and regressive erosion of plateau margins. Tectonophysics, 2010, 491, 253-274.	2.2	94
36	High slip rate for a low seismicity along the Palu-Koro active fault in central Sulawesi (Indonesia). Terra Nova, 2001, 13, 463-470.	2.1	92

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37	Evidence for an increase in cosmogenic 10Be during a geomagnetic reversal. Nature, 1985, 315, 315-317.	27.8	87
38	Evidence for muon-induced production of10Be in near-surface rocks from the Congo. Geophysical Research Letters, 1995, 22, 703-706.	4.0	86
39	Chronological constraints on processes leading to large active landslides. Earth and Planetary Science Letters, 2005, 235, 141-150.	4.4	86
40	Small, isolated glacial catchments as priority targets for cosmogenic surface exposure dating of Pleistocene climate fluctuations, southeastern Pyrenees. Geology, 2010, 38, 891-894.	4.4	86
41	Further constraints on the Chauvet cave artwork elaboration. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8002-8006.	7.1	84
42	A major advance of tropical Andean glaciers during the Antarctic cold reversal. Nature, 2014, 513, 224-228.	27.8	84
43	Cosmogenic dating ranging from 20 to 700 ka of a series of alluvial fan surfaces affected by the El Tigre fault, Argentina. Geology, 1997, 25, 975.	4.4	82
44	Irregular tropical glacier retreat over the Holocene epoch driven by progressive warming. Nature, 2011, 474, 196-199.	27.8	80
45	Geomagnetic, cosmogenic and climatic changes across the last geomagnetic reversal from Equatorial Indian Ocean sediments. Earth and Planetary Science Letters, 2014, 397, 67-79.	4.4	73
46	Holocene right-slip rate determined by cosmogenic and OSL dating on the Anar fault, Central Iran. Geophysical Journal International, 2009, 179, 700-710.	2.4	72
47	Cosmogenic 10Be dating of a sackung and its faulted rock glaciers, in the Alps of Savoy (France). Geomorphology, 2009, 108, 312-320.	2.6	72
48	The development of iron crust lateritic systems in Burkina Faso, West Africa examined with in-situ-produced cosmogenic nuclides. Earth and Planetary Science Letters, 1994, 124, 19-33.	4.4	69
49	Volcanic and solar activity, and atmospheric circulation influences on cosmogenic 10Be fallout at Vostok and Concordia (Antarctica) over the last 60years. Geochimica Et Cosmochimica Acta, 2011, 75, 7132-7145.	3.9	65
50	Timing of the last deglaciation revealed by receding glaciers at the Alpine-scale: impact on mountain geomorphology. Quaternary Science Reviews, 2012, 31, 127-142.	3.0	63
51	Authigenic ¹⁰Be/⁹Be ratio signatures of the cosmogenic nuclide production linked to geomagnetic dipole moment variation since the Brunhes/Matuyama boundary. Journal of Geophysical Research: Solid Earth, 2016, 121, 7716-7741.	3.4	63
52	Persistence of full glacial conditions in the central Pacific until 15,000 years ago. Nature, 2007, 449, 591-594.	27.8	62
53	The Early Acheulean technology of Barranc de la Boella (Catalonia, Spain). Quaternary International, 2016, 393, 95-111.	1.5	62
54	Paleoclimatic context of geomagnetic dipole lows and excursions in the Brunhes, clue for an orbital influence on the geodynamo?. Earth and Planetary Science Letters, 2008, 275, 269-284.	4.4	60

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55	CRE dating on the head scarp of a major landslide (SÃ©chilienne, French Alps), age constraints on Holocene kinematics. Earth and Planetary Science Letters, 2009, 280, 236-245.	4.4	59
56	Authigenic 10Be/9Be ratios and 10Be-fluxes (230Thxs-normalized) in central Baffin Bay sediments during the last glacial cycle: Paleoenvironmental implications. Quaternary Science Reviews, 2016, 140, 142-162.	3.0	59
57	Application of the authigenic 10Be/9Be dating method to continental sediments: Reconstruction of the Mio-Pleistocene sedimentary sequence in the early hominid fossiliferous areas of the northern Chad Basin. Earth and Planetary Science Letters, 2010, 297, 57-70.	4.4	58
58	10Be dating of alluvial deposits from Southeastern Iran (the Hormoz Strait area). Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 242, 36-53.	2.3	57
59	Late Holocene seacliff retreat recorded by 10Be profiles across a coastal platform: Theory and example from the English Channel. Quaternary Geochronology, 2012, 11, 87-97.	1.4	57
60	Cosmogenic 3He production rates revisited from evidences of grain size dependent release of matrix-sited helium. Earth and Planetary Science Letters, 2006, 247, 222-234.	4.4	56
61	Ultra-trace analysis of 36Cl by accelerator mass spectrometry: an interlaboratory study. Analytical and Bioanalytical Chemistry, 2011, 400, 3125-3132.	3.7	56
62	Chronology of glaciations in the Cantabrian Mountains (NW Iberia) during the Last Glacial Cycle based on in situ-produced 10Be. Quaternary Science Reviews, 2016, 138, 31-48.	3.0	56
63	Seismic hazard reappraisal from combined structural geology, geomorphology and cosmic ray exposure dating analyses: the Eastern Precordillera thrust system (NW Argentina). Geophysical Journal International, 2002, 150, 241-260.	2.4	54
64	Deglaciation in the central Pyrenees during the Pleistoceneâ€“Holocene transition: Timing and geomorphological significance. Quaternary Science Reviews, 2017, 162, 111-127.	3.0	54
65	Continental inputs of beryllium to the oceans. Earth and Planetary Science Letters, 1992, 114, 101-111.	4.4	52
66	Alluvial deposition and lake-level fluctuations forced by Late Quaternary climate change: the Dead Sea case example. Sedimentary Geology, 2003, 162, 119-139.	2.1	52
67	Quaternary river incision in NE Ardennes (Belgium)â€“Insights from 10Be/26Al dating of river terraces. Quaternary Geochronology, 2011, 6, 273-284.	1.4	52
68	Geomorphological evidence and 10Be exposure ages for the Last Glacial Maximum and deglaciation of the VelkÃ¡ and MalÃ¡ StudenÃ¡ dolina valleys in the High Tatra Mountains, central Europe. Quaternary Science Reviews, 2015, 124, 106-123.	3.0	52
69	Impact of glacial erosion on ¹⁰Be concentrations in fluvial sediments of the Marsyandi catchment, central Nepal. Journal of Geophysical Research, 2012, 117, .	3.3	51
70	Steady erosion rates in the Himalayas through late Cenozoic climatic changes. Nature Geoscience, 2020, 13, 448-452.	12.9	51
71	Late-glacial and Holocene history of the northeast Mediterranean mountain glaciers - New insights from in situ-produced 36Cl-based cosmic ray exposure dating of paleo-glacier deposits on Mount Olympus, Greece. Quaternary Science Reviews, 2018, 193, 244-265.	3.0	50
72	Geomagnetic moment instability between 0.6 and 1.3 Ma from cosmonuclide evidence. Geophysical Research Letters, 2003, 30, .	4.0	49

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73	Geomagnetic dipole moment and10Be production rate intercalibration from authigenic10Be/9Be for the last 1.3 Ma. Geochemistry, Geophysics, Geosystems, 2004, 5, n/a-n/a.	2.5	49
74	Late Quaternary ice sheet extents in northeastern Germany inferred from surface exposure dating. Quaternary Science Reviews, 2012, 44, 89-95.	3.0	49
75	Quantification of fluvial incision in the Duero Basin (NW Iberia) from longitudinal profile analysis and terrestrial cosmogenic nuclide concentrations. Geomorphology, 2012, 165-166, 50-61.	2.6	49
76	A multiple dating-method approach applied to the Sanabria Lake moraine complex (NW Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	3.0	49
77	Erosion rates in an active orogen (NE-Taiwan): A confrontation of cosmogenic measurements with river suspended loads. Quaternary Geochronology, 2011, 6, 246-260.	1.4	47
78	Snow shielding factors for cosmogenic nuclide dating inferred from long-term neutron detector monitoring. Quaternary Geochronology, 2014, 24, 16-26.	1.4	47
79	Early Holocene climate recorded in geomorphological features in Western Tibet. Palaeogeography, Palaeoclimatology, Palaeoecology, 2003, 199, 141-151.	2.3	46
80	Barranc de la Boella (Catalonia, Spain): an Acheulean elephant butchering site from the European late Early Pleistocene. Journal of Quaternary Science, 2015, 30, 651-666.	2.1	46
81	Lake Chad sedimentation and environments during the late Miocene and Pliocene: New evidence from mineralogy and chemistry of the Bol core sediments. Journal of African Earth Sciences, 2016, 118, 192-204.	2.0	46
82	Dating inset terraces and offset fans along the Dehshir Fault (Iran) combining cosmogenic and OSL methods. Geophysical Journal International, 2011, 185, 1147-1174.	2.4	45
83	Recent Advances in Research on Quaternary Glaciations in the Pyrenees. Developments in Quaternary Sciences, 2011, 15, 127-139.	0.1	44
84	Fossil cosmogenic He record from Kâ€“Ar dated basaltic flows of Mount Etna volcano (Sicily, 38Â°N): Evaluation of a new paleoaltimeter. Earth and Planetary Science Letters, 2005, 236, 613-631.	4.4	43
85	How fast is the denudation of the Taiwan mountain belt? Perspectives from in situ cosmogenic 10Be. Journal of Asian Earth Sciences, 2014, 88, 230-245.	2.3	43
86	The Dinaric fault system: Largeâ€scale structure, rates of slip, and Plioâ€Pleistocene evolution of the transpressive northeastern boundary of the Adria microplate. Tectonics, 2016, 35, 2258-2292.	2.8	43
87	Cosmogenic 10Be production rate calibrated against 3He in the high Tropical Andes (3800â€“4900 m,) Tj ETQq1 1 0.784314 rgBT /O	4.4	42
88	The French accelerator mass spectrometry facility ASTER after 4years: Status and recent developments on 36Cl and 129I. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 24-28.	1.4	42
89	Cosmogenic signature of geomagnetic reversals and excursions from the RÃ©union event to the Matuyamaâ€“Brunhes transition (0.7â€“2.14 Ma interval). Earth and Planetary Science Letters, 2018, 482, 510-524.	4.4	42
90	Application of in situ-produced cosmogenic 10Be and 26Al to the study of lateritic soil development in tropical forest: theory and examples from Cameroon and Gabon. Chemical Geology, 2000, 170, 95-111.	3.3	41

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91	Cosmogenic 3He in Himalayan garnets indicating an altitude dependence of the 3He/10Be production ratio. Earth and Planetary Science Letters, 2004, 229, 91-104.	4.4	40
92	Slip rate and slip magnitudes of past earthquakes along the Bogd left-lateral strike-slip fault (Mongolia). Geophysical Journal International, 2011, 186, 897-927.	2.4	40
93	Amplitude and timing of the Laschamp geomagnetic dipole low from the global atmospheric ¹⁰Be overproduction: Contribution of authigenic ¹⁰Be/⁹Be ratios in west equatorial Pacific sediments. Journal of Geophysical Research, 2012, 117, .	3.3	40
94	The Laschamp geomagnetic dipole low expressed as a cosmogenic 10Be atmospheric overproduction at ~ 41 ka. Earth and Planetary Science Letters, 2011, 312, 305-317.	4.4	39
95	The densest meteorite collection area in hot deserts: The San Juan meteorite field (Atacama Desert,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	38
96	Deglaciation pattern during the Lateglacial/Holocene transition in the southern French Alps. Chronological data and geographical reconstruction from the ClarÃ©e Valley (upper Durance) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 109-123.	2.3	38
97	10Be ages reveal >12ka of gravitational movement in a major sackung of the Western Alps (France). Geomorphology, 2012, 171-172, 139-153.	2.6	38
98	Effect of density uncertainties in cosmogenic 10Be depth-profiles: Dating a cemented Pleistocene alluvial fan (Carboneras Fault, SE Iberia). Quaternary Geochronology, 2011, 6, 186-194.	1.4	37
99	Denudation rates of the Southern EspinhaÃ§o Range, Minas Gerais, Brazil, determined by in situ-produced cosmogenic beryllium-10. Geomorphology, 2013, 191, 1-13.	2.6	37
100	Cosmogenic 10Be dating of ice sheet marginal belts in Mecklenburg-Vorpommern, Western Pomerania (northeast Germany). Quaternary Geochronology, 2014, 19, 42-51.	1.4	37
101	Evidence for a wide and gently dipping Main Himalayan Thrust in western Bhutan. Geophysical Research Letters, 2015, 42, 3257-3265.	4.0	37
102	Seismic slip history of the Pizzalto fault (central Apennines, Italy) using in situâ€produced ³⁶Cl cosmic ray exposure dating and rare earth element concentrations. Journal of Geophysical Research: Solid Earth, 2016, 121, 1983-2003.	3.4	37
103	The Local Last Glacial Maximum of the southern Scandinavian Ice Sheet front: Cosmogenic nuclide dating of erratics in northern Poland. Quaternary Science Reviews, 2019, 219, 36-46.	3.0	37
104	Authigenic 10Be/9Be signature of the Laschamp excursion: A tool for global synchronisation of paleoclimatic archives. Earth and Planetary Science Letters, 2006, 245, 19-28.	4.4	36
105	Establishing constraints on groundwater ages with 36Cl, 14C, 3H, and noble gases: A case study in the eastern Paris basin, France. Applied Geochemistry, 2010, 25, 123-142.	3.0	36
106	Quaternary evolution of a large alluvial fan in a periglacial setting (Crau Plain, SE France) constrained by terrestrial cosmogenic nuclide (10Be). Geomorphology, 2013, 195, 45-52.	2.6	36
107	Authigenic 10Be/9Be ratio signature of the Matuyamaâ€“Brunhes boundary in the Montalbano Jonico marine succession. Earth and Planetary Science Letters, 2017, 460, 255-267.	4.4	36
108	Last Glacial Maximum and Lateglacial in the Polish High Tatra Mountains - Revised deglaciation chronology based on the 10Be exposure age dating. Quaternary Science Reviews, 2018, 187, 130-156.	3.0	36

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109	History of late Pleistocene glaciations in the central Sayan-Tuva Upland (southern Siberia). Quaternary Science Reviews, 2012, 49, 16-32.	3.0	35
110	Application of the authigenic 10Be/9Be dating method to Late Mioceneâ€“Pliocene sequences in the northern Danube Basin (Pannonian Basin System): Confirmation of heterochronous evolution of sedimentary environments. Global and Planetary Change, 2016, 137, 35-53.	3.5	35
111	Chronological and geomorphological investigation of fossil debris-covered glaciers in relation to deglaciation processes: A case study in the Sierra de La Demanda, northern Spain. Quaternary Science Reviews, 2017, 170, 232-249.	3.0	35
112	¹⁰Be systematics in the Tsangpo-Brahmaputra catchment: the cosmogenic nuclide legacy of the eastern Himalayan syntaxis. Earth Surface Dynamics, 2017, 5, 429-449.	2.4	35
113	African laterite dynamics using in situ-produced 10Be. Geochimica Et Cosmochimica Acta, 1998, 62, 1501-1507.	3.9	34
114	Cave levels as proxies for measuring post-orogenic uplift: Evidence from cosmogenic dating of alluvium-filled caves in the French Pyrenees. Geomorphology, 2015, 246, 617-633.	2.6	34
115	Timing of last deglaciation in the Cantabrian Mountains (Iberian Peninsula; North Atlantic Region) based on in situ-produced 10Be exposure dating. Quaternary Science Reviews, 2017, 171, 166-181.	3.0	34
116	Brazilian laterite dynamics using in situ-produced 10Be. Earth and Planetary Science Letters, 1998, 163, 197-205.	4.4	33
117	The granite tors of Dartmoor, Southwest England: rapid and recent emergence revealed by Late Pleistocene cosmogenic apparent exposure ages. Quaternary Science Reviews, 2013, 61, 62-76.	3.0	33
118	Unstable ice stream in Greenland during the Younger Dryas cold event. Geology, 2014, 42, 759-762.	4.4	32
119	Late Pleistoceneâ€Holocene right slip rate and paleoseismology of the Nayband fault, western margin of the Lut block, Iran. Journal of Geophysical Research: Solid Earth, 2014, 119, 3517-3560.	3.4	32
120	Climatic significance of glacier retreat and rockglaciers re-assessed in the light of cosmogenic dating and weathering rind thickness in ClarÃ©e valley (BrianÃ§onnais, French Alps). Catena, 2010, 80, 204-219.	5.0	31
121	Constraints on Pleistocene glaciofluvial terrace age and related soil chronosequence features from vertical 10Be profiles in the AriÃ¨ge River catchment (Pyrenees, France). Global and Planetary Change, 2015, 132, 39-53.	3.5	31
122	Paradoxical cold conditions during the medieval climate anomaly in the Western Arctic. Scientific Reports, 2016, 6, 32984.	3.3	31
123	Implications of drainage rearrangement for passive margin escarpment evolution in southern Brazil. Geomorphology, 2018, 306, 155-169.	2.6	31
124	Climatic reconstruction for the Younger Dryas/Early Holocene transition and the Little Ice Age based on paleo-extents of ArgentiÃ¨re glacier (French Alps). Quaternary Science Reviews, 2019, 221, 105863.	3.0	31
125	Long-term evolution of denudational escarpments in southeastern Brazil. Geomorphology, 2012, 173-174, 118-127.	2.6	30
126	Transition from collision to subduction in Western Greece: the Katounaâ€“Stamna active fault system and regional kinematics. International Journal of Earth Sciences, 2017, 106, 967-989.	1.8	30

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127	Quantitative and qualitative insights into bedrock landform erosion on the South Indian craton using cosmogenic nuclides and apatite fission tracks. Bulletin of the Geological Society of America, 2007, 119, 576-585.	3.3	29
128	Fault kinematics and active tectonics at the southeastern boundary of the eastern Alborz (Abr and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	29
129	Transient sediment supply in a highâ€altitude Alpine environment evidenced through a ¹⁰Be budget of the Etages catchment (French Western Alps). Earth Surface Processes and Landforms, 2014, 39, 890-899.	2.5	29
130	Diatom, phytolith, and pollen records from a 10Be/9Be dated lacustrine succession in the Chad basin: Insight on the Mioceneâ€“Pliocene paleoenvironmental changes in Central Africa. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 430, 85-103.	2.3	29
131	Constraining the age of the last geomagnetic reversal from geochemical and magnetic analyses of Atlantic, Indian, and Pacific Ocean sediments. Earth and Planetary Science Letters, 2019, 506, 323-331.	4.4	29
132	Dating chert (diagenetic silica) using in-situ produced 10Be: Possible complications revealed through a comparison with 36Cl applied to coexisting limestone. Quaternary Geochronology, 2013, 17, 81-93.	1.4	28
133	Denudation and retreat of the Serra do Mar escarpment in southern Brazil derived from in situâ€produced ¹⁰Be concentration in river sediment. Earth Surface Processes and Landforms, 2014, 39, 311-319.	2.5	28
134	The geomagnetic dipole moment variation between 250 and 800 ka BP reconstructed from the authigenic 10Be/9Be signature in West Equatorial Pacific sediments. Earth and Planetary Science Letters, 2014, 385, 190-205.	4.4	28
135	Active basement uplift of Sierra Pie de Palo (Northwestern Argentina): Rates and inception from¹⁰Be cosmogenic nuclide concentrations. Tectonics, 2015, 34, 1129-1153.	2.8	28
136	Deciphering landscape evolution with karstic networks: A Pyrenean case study. Quaternary Geochronology, 2018, 43, 12-29.	1.4	28
137	Relief evolution of the Continental Rift of Southeast Brazil revealed by in situ-produced 10Be concentrations in river-borne sediments. Journal of South American Earth Sciences, 2016, 67, 89-99.	1.4	27
138	Phytoliths indicate significant arboreal cover at Sahelanthropus type locality TM266 in northern Chad and a decrease in later sites. Journal of Human Evolution, 2017, 106, 66-83.	2.6	27
139	Nonlinear forcing of climate on mountain denudation during glaciations. Nature Geoscience, 2021, 14, 16-22.	12.9	27
140	Beryllium in marine pore waters: geochemical and geochronological implications. Nature, 1989, 341, 731-733.	27.8	26
141	Applications of ancient cosmic-ray exposures: Theory, techniques and limitations. Quaternary Geochronology, 2006, 1, 59-73.	1.4	26
142	Description of a very dense meteorite collection area in western Atacama: Insight into the longâ€term composition of the meteorite flux to Earth. Meteoritics and Planetary Science, 2016, 51, 468-482.	1.6	26
143	Tectonic record of strain buildup and abrupt coseismic stress release across the northwestern Peru coastal plain, shelf, and continental slope during the past 200 kyr. Journal of Geophysical Research, 2007, 112, .	3.3	25
144	The Binalud Mountains: A key piece for the geodynamic puzzle of NE Iran. Tectonics, 2012, 31, .	2.8	25

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145	Determining the present-day kinematics of the Idrija fault (Slovenia) from airborne LiDAR topography. Tectonophysics, 2014, 628, 188-205.	2.2	25
146	Geomorphic Records along the General Carrera (Chile)â€“Buenos Aires (Argentina) Glacial Lake (46Â°â€“48Â°S), Climate Inferences, and Glacial Rebound for the Past 7â€“9 ka. Journal of Geology, 2016, 124, 27-53.	1.4	25
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