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	Late Glacial deglaciation of the Zackenberg area, NE Greenland. Geomorphology, 2022, 401, 108125.	2.6	8
2	In-phase millennial-scale glacier changes in the tropics and North Atlantic regions during the Holocene. Nature Communications, 2022, 13, 1419.	12.8	19
3	A debris-covered glacier at Kerguelen (49Â°S, 69Â°E) over the past 15 000 years. Antarctic Science, 2021, 33, 103-115.	0.9	7
4	Nonlinear forcing of climate on mountain denudation during glaciations. Nature Geoscience, 2021, 14, 16-22.	12.9	27
5	Tectonic Controls on Surface Erosion Rates in the Longmen Shan, Eastern Tibet. Tectonics, 2021, 40, e2020TC006445.	2.8	9
6	Millennialâ€scale deglaciation across the European Alps at the transition between the Younger Dryas and the Early Holocene â€“ evidence from a new cosmogenic nuclide chronology. Boreas, 2021, 50, 671-685.	2.4	15
7	Disentangling magnetic and environmental signatures of sedimentary 10Be/9Be records. Quaternary Science Reviews, 2021, 257, 106809.	3.0	2
8	Continuous presence of proto-cereals in Anatolia since 2.3ÂMa, and their possible co-evolution with large herbivores and hominins. Scientific Reports, 2021, 11, 8914.	3.3	5
9	Evolution of the Cook Ice Cap (Kerguelen Islands) between the last centuries and 2100 <scp>ce</scp> based on cosmogenic dating and glacio-climatic modelling. Antarctic Science, 2021, 33, 301-317.	0.9	10
10	Dissolved and Particulate Beryllium Isotopes in the Pearl River Estuary: Their Geochemical Behavior in Estuarine Water and Potential Contributions From Anthropogenic Sources. Frontiers in Marine Science, 2021, 8, .	2.5	4
11	Rapid deglaciation during the BÃ¸lling-AllerÃ¸d Interstadial in the Central Pyrenees and associated glacial and periglacial landforms. Geomorphology, 2021, 385, 107735.	2.6	15
12	Comparison and performance of two cosmogenic nuclide sample preparation procedures of in situ produced 10Be and 26Al. Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 1523-1536.	1.5	13
13	Moraine crest or slope: An analysis of the effects of boulder position on cosmogenic exposure age. Earth and Planetary Science Letters, 2021, 570, 117092.	4.4	15
14	Origins of the divergent evolution of mountain glaciers during deglaciation: Hofsdalur cirques, Northern Iceland. Quaternary Science Reviews, 2021, 273, 107248.	3.0	7
15	Late Miocene to Quaternary slip history across the Qiulitag anticline in the southern Tianshan piedmont. Terra Nova, 2020, 32, 89-96.	2.1	14
16	Giant landslide triggerings and paleoprecipitations in the Central Western Andes: The aricota rockslide dam (South Peru). Geomorphology, 2020, 350, 106932.	2.6	20
17	Deglaciation history at the Alpineâ€Mediterranean transition (Argenteraâ€Mercantour, SW Alps) from ¹⁰Be dating of moraines and glacially polished bedrock. Earth Surface Processes and Landforms, 2020, 45, 393-410.	2.5	14
18	Chronostratigraphy, depositional patterns and climatic imprints in Lake AcigÃ¶l (SW Anatolia) during the Quaternary. Quaternary Geochronology, 2020, 56, 101038.	1.4	6

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19	Late Cenozoic evolution of the AriÃ¨ge River valley (Pyrenees) constrained by cosmogenic 26Al/10Be and 10Be/21Ne dating of cave sediments. Geomorphology, 2020, 371, 107441.	2.6	7
20	Cosmogenic 10Be production records reveal dynamics of geomagnetic dipole moment (GDM) over the Laschamp excursion (20â€“60 ka). Earth and Planetary Science Letters, 2020, 550, 116547.	4.4	23
21	Dates and rates of endo-exorheic drainage development: Insights from fluvial terraces (Duero River,) Tj ETQq1 1 0.784314 rgBT /Overlo	3.5	18
22	Plio-Quaternary landscape evolution in the uplifted Ardennes: New insights from 26Al/10Be data from cave-deposited alluvium (Meuse catchment, E. Belgium). Geomorphology, 2020, 371, 107424.	2.6	7
23	Pliocene endorheic-exhoreic drainage transition of the Cenozoic Madrid Basin (Central Spain). Global and Planetary Change, 2020, 194, 103295.	3.5	11
24	Steady erosion rates in the Himalayas through late Cenozoic climatic changes. Nature Geoscience, 2020, 13, 448-452.	12.9	51
25	The Potential of Marine Ferromanganese Nodules From Eastern Pacific as Recorders of Earth's Magnetic Field Changes During the Past 4.7ÂMyr: A Geochronological Study by Magnetic Scanning and Authigenic ¹⁰Be/⁹Be Dating. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018639.	3.4	12
26	Origin and 10Be surface exposure dating of a coarse debris accumulation in the HrubÃ½ JesenÃk Mountains, Central Europe. Geomorphology, 2020, 365, 107292.	2.6	3
27	Measurement and modelling of gaseous elemental iodine (I2) dry deposition velocity on grass in the environment. Journal of Environmental Radioactivity, 2020, 219, 106253.	1.7	4
28	Retention of 10Be, 137Cs and 210Pbxs in soils: Impact of physico-chemical characteristics. Geoderma, 2020, 367, 114242.	5.1	8
29	Glacier fluctuations during the Late Glacial and Holocene on the AriÃ¨ge valley, northern slope of the Pyrenees and reconstructed climatic conditions. Mediterranean Geoscience Reviews, 2020, 2, 37-51.	1.2	20
30	La spectromÃ©trie de masse par accÃ©lÃ©rateur. , 2020, , 16-21.	0.1	0
31	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
32	Geological and geophysical studies of the Agoudal impact structure (Central High Atlas, Morocco): New evidence for crater size and age. Meteoritics and Planetary Science, 2019, 54, 2483-2509.	1.6	3
33	Rate of Slip From Multiple Quaternary Dating Methods and Paleoseismic Investigations Along the Talasâ€Fergana Fault: Tectonic Implications for the Tien Shan Range. Tectonics, 2019, 38, 2477-2505.	2.8	23
34	In situ cosmogenic 3He and 36Cl and radiocarbon dating of volcanic deposits refine the Pleistocene and Holocene eruption chronology of SW Peru. Bulletin of Volcanology, 2019, 81, 1.	3.0	14
35	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
36	Carbonate and silicate intercomparison materials for cosmogenic 36Cl measurements. Nuclear Instruments & Methods in Physics Research B, 2019, 455, 250-259.	1.4	12

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37	Absolute dating of an Early Paleolithic site in Western Africa based on the radioactive decay of in situ-produced 10Be and 26Al. Nuclear Instruments & Methods in Physics Research B, 2019, 456, 169-179.	1.4	13
38	Slip rate of trenchâ€parallel normal faulting along the Mejillones Fault (Atacama Fault System): Relationships with the northern Chile subduction and implications for seismic hazards. Terra Nova, 2019, 31, 390-404.	2.1	6
39	River incision and migration deduced from 36Cl cosmic-ray exposure durations: The Clue de la Cerise gorge in southern French Alps. Geomorphology, 2019, 330, 81-88.	2.6	7
40	Design and performance of an automated chemical extraction bench for the preparation of 10Be and 26Al targets to be analyzed by accelerator mass spectrometry. Nuclear Instruments & Methods in Physics Research B, 2019, 456, 230-235.	1.4	4
41	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
42	Implications of drainage rearrangement for passive margin escarpment evolution in southern Brazil. Geomorphology, 2018, 306, 155-169.	2.6	31
43	Glacier extent in sub-Antarctic Kerguelen archipelago from MIS 3 period: Evidence from 36 Cl dating. Quaternary Science Reviews, 2018, 183, 110-123.	3.0	19
44	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
45	Increased production of cosmogenic 10Be recorded in oceanic sediment sequences: Information on the age, duration, and amplitude of the geomagnetic dipole moment minimum over the Matuyamaâ€“Brunhes transition. Earth and Planetary Science Letters, 2018, 489, 191-202.	4.4	25
46	Preliminary dating of the Mansu-Ri and Wondang-Jangnamgyo Early Paleolithic sites. Comptes Rendus - Palevol, 2018, 17, 143-151.	0.2	2
47	Deciphering landscape evolution with karstic networks: A Pyrenean case study. Quaternary Geochronology, 2018, 43, 12-29.	1.4	28
48	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
49	Changes of the base levels in the IvaÃ-and ParanÃ¡ Rivers confluence zone (Southern Brazil): Denudational reflexes in the evolution of the upstream drainage network. Zeitschrift FÃ¼r Geomorphologie, 2018, 62, 23-40.	0.8	4
50	The Last Glacial Maximum extent of the Scandinavian Ice Sheet in the Valday Heights, western Russia: Evidence from cosmogenic surface exposure dating using 10Be. Quaternary Science Reviews, 2018, 200, 106-113.	3.0	11
51	Revisiting the age of the Jumento volcano, Chichinautzin Volcanic Field (Central Mexico), using in situ-produced cosmogenic 10Be. Journal of Volcanology and Geothermal Research, 2018, 366, 112-119.	2.1	7
52	Dating late Holocene lava flows in Pico de Orizaba (Mexico) by means of in situ-produced cosmogenic 36Cl, lichenometry and dendrochronology. Quaternary Geochronology, 2018, 47, 93-106.	1.4	18
53	Limited influence of climatic gradients on the denudation of a Mediterranean carbonate landscape. Geomorphology, 2018, 316, 44-58.	2.6	22
54	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

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55	Controls on Holocene denudation rates in mountainous environments under Mediterranean climate. Earth Surface Processes and Landforms, 2017, 42, 272-289.	2.5	5
56	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
57	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
58	10Be exposure age chronology of the last glaciation of the RohÃ¡Ä‹kÃ¡ Valley in the Western Tatra Mountains, central Europe. Geomorphology, 2017, 293, 130-142.	2.6	21
59	Deglaciation in the central Pyrenees during the Pleistoceneâ€“Holocene transition: Timing and geomorphological significance. Quaternary Science Reviews, 2017, 162, 111-127.	3.0	54
60	Sub-Antarctic glacier extensions in the Kerguelen region (49Â°S, Indian Ocean) over the past 24,000 years constrained by 36 Cl moraine dating. Quaternary Science Reviews, 2017, 162, 128-144.	3.0	18
61	Cosmic ray exposure dating on the large landslide of SÃ©chilienne (Western Alps): A synthesis to constrain slope evolution. Geomorphology, 2017, 278, 329-344.	2.6	13
62	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
63	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
64	Toward the feldspar alternative for cosmogenic 10Be applications. Quaternary Geochronology, 2017, 41, 83-96.	1.4	14
65	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
66	Quantification of vertical solid matter transfers in soils during pedogenesis by a multi-tracer approach. Journal of Soils and Sediments, 2017, 17, 408-422.	3.0	16
67	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
68	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
69	Spatial variations in late Quaternary slip rates along the Doruneh Fault System (Central Iran). Tectonics, 2016, 35, 386-406.	2.8	24
70	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
71	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: A Reply. Journal of Geology, 2016, 124, 637-642.	1.4	3
72	The Longriqu fault zone, eastern Tibetan Plateau: Segmentation and Holocene behavior. Tectonics, 2016, 35, 565-585.	2.8	19

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73	Paradoxical cold conditions during the medieval climate anomaly in the Western Arctic. Scientific Reports, 2016, 6, 32984.	3.3	31
74	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
75	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
76	Implications of 36Cl exposure ages from Skye, northwest Scotland for the timing of ice stream deglaciation and deglacial ice dynamics. Quaternary Science Reviews, 2016, 150, 130-145.	3.0	17
77	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
78	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
79	Evidence from cosmic ray exposure (CRE) dating for the existence of a pre-Minoan caldera on Santorini, Greece. Bulletin of Volcanology, 2016, 78, 1.	3.0	17
80	Multi-approach quantification of denudation rates in the Gulf of Lion source-to-sink system (SE) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	4.4	24
81	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
82	Monthly record of the Cl and 36 Cl fallout rates in a deciduous forest ecosystem in NE France in 2012 and 2013. Quaternary Geochronology, 2016, 35, 26-35.	1.4	10
83	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
84	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
85	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
86	The Early Acheulean technology of Barranc de la Boella (Catalonia, Spain). Quaternary International, 2016, 393, 95-111.	1.5	62
87	Where now? Reflections on future directions for cosmogenic nuclide research from the CRONUS Projects. Quaternary Geochronology, 2016, 31, 155-159.	1.4	16
88	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
89	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
90	High natural erosion rates are the backdrop for present-day soil erosion in the agricultural Middle Hills of Nepal. Earth Surface Dynamics, 2015, 3, 363-387.	2.4	15

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91	Evidence for a wide and gently dipping Main Himalayan Thrust in western Bhutan. Geophysical Research Letters, 2015, 42, 3257-3265.	4.0	37
92	AMS 13 â€“ Preface. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 1-7.	1.4	1
93	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
94	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
95	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
96	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
97	Isotope Dilution-AMS technique for 36 Cl and Cl determination in low chlorine content waters. Chemical Geology, 2015, 404, 62-70.	3.3	13
98	Depth-dependence of the production rate of in situ 14C in quartz from the Leymon High core, Spain. Quaternary Geochronology, 2015, 28, 80-87.	1.4	23
99	Deep water circulation at the northern Pyrenean thrust: Implication of high temperature waterâ€“rock interaction process on the mineralization of major spring water in an overthrust area. Chemical Geology, 2015, 419, 114-131.	3.3	22
100	Understanding long-term soil processes using meteoric 10Be: A first attempt on loessic deposits. Quaternary Geochronology, 2015, 27, 11-21.	1.4	18
101	Quantification des processus superficiels et datation par les radionuclÃ©ides cosmogÃ©niques 10Be, 26Al et 36Cl. Quaternaire, 2015, , 193-213.	0.2	2
102	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
103	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
104	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
105	Nd-isotope evidence for the distal provenance of the historical (c. <3000BP) lateritic surface cover underlying the Equatorial forest in Gabon (Western Africa). Aeolian Research, 2014, 15, 177-192.	2.7	6
106	Evolution and degradation of flatâ€top mesas in the hyperâ€arid Negev, Israel revealed from ¹⁰Be cosmogenic nuclides. Earth Surface Processes and Landforms, 2014, 39, 1611-1621.	2.5	9
107	¹⁰<scp>B</scp>e dating of the <scp>M</scp>ain <scp>T</scp>errace level in the <scp>A</scp>mblÃ¨ve valley (<scp>A</scp>rdennes, <scp>B</scp>elgium): new age constraint on the archaeological and palaeontological filling of the <scp>B</scp>elleâ€<scp>R</scp>oche palaeokarst. Boreas, 2014, 43, 528-542.	2.4	19
108	Unstable ice stream in Greenland during the Younger Dryas cold event. Geology, 2014, 42, 759-762.	4.4	32

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109	Cosmogenic 10Be dating of ice sheet marginal belts in Mecklenburg-Vorpommern, Western Pomerania (northeast Germany). Quaternary Geochronology, 2014, 19, 42-51.	1.4	37
110	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
111	Accurate determination of 129I concentrations and 129I/137Cs ratios in spent nuclear resins by Accelerator Mass Spectrometry. Applied Radiation and Isotopes, 2014, 86, 90-96.	1.5	7
112	Determining the present-day kinematics of the Idrija fault (Slovenia) from airborne LiDAR topography. Tectonophysics, 2014, 628, 188-205.	2.2	25
113	Surface exposure dating of the Veliki vrh rock avalanche in Slovenia associated with the 1348 earthquake. Quaternary Geochronology, 2014, 22, 33-42.	1.4	15
114	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
115	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
116	Dominance of tectonics over climate in Himalayan denudation. Geology, 2014, 42, 243-246.	4.4	161
117	The impact of diamond extraction on natural denudation rates in the Diamantina Plateau (Minas) Tj ETQq1 1 0.784314 rgBT /Overloc	1.4	3
118	Snow shielding factors for cosmogenic nuclide dating inferred from long-term neutron detector monitoring. Quaternary Geochronology, 2014, 24, 16-26.	1.4	47
119	A major advance of tropical Andean glaciers during the Antarctic cold reversal. Nature, 2014, 513, 224-228.	27.8	84
120	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
121	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
122	Interlaboratory study of the ion source memory effect in 36Cl accelerator mass spectrometry. Nuclear Instruments & Methods in Physics Research B, 2014, 329, 22-29.	1.4	21
123	Holocene rockfalls in the southern Negev Desert, Israel and their relation to Dead Sea fault earthquakes. Quaternary Research, 2014, 81, 260-273.	1.7	15
124	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
125	A multiple dating-method approach applied to the Sanabria Lake moraine complex (NW Iberian) Tj ETQq1 1 0.784314 rgBT /Overlock	3.0	49
126	Late Quaternary incision rates in the VÃ©subie catchment area (Southern French Alps) from in situ-produced36Cl cosmogenic nuclide dating: Tectonic and climatic implications. Journal of Geophysical Research F: Earth Surface, 2014, 119, 1121-1135.	2.8	21

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127	Accurate determination of 41Ca concentrations in spent resins from the nuclear industry by Accelerator Mass Spectrometry. Applied Radiation and Isotopes, 2013, 82, 340-346.	1.5	6
128	The potential of historic rock avalanches and man-made structures as chlorine-36 production rate calibration sites. Quaternary Geochronology, 2013, 18, 54-62.	1.4	19
129	Coupling cosmogenic dating and magnetostratigraphy to constrain the chronological evolution of peri-Mediterranean karsts during the Messinian and the Pliocene: Example of ArdÃ¨che Valley, Southern France. Geomorphology, 2013, 189, 81-92.	2.6	19
130	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
131	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
132	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
133	Cosmogenic 10Be production rate calibrated against 3He in the high Tropical Andes (3800â€“4900 m,) Tj ETQq1 1 0.784314 rgBT /Ov	4.4	42
134	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
135	The physics behind the isobar separation of 36Cl and 10Be at the French AMS national facility ASTER. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 397-402.	1.4	9
136	Accuracy of 9Be-data and its influence on 10Be cosmogenic nuclide data. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1871-1878.	1.5	14
137	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
138	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
139	Determination of Long-Lived Radionuclide (10Be, 41Ca, 129I) Concentrations in Nuclear Waste by Accelerator Mass Spectrometry. , 2013, , .		1
140	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
141	The Binalud Mountains: A key piece for the geodynamic puzzle of NE Iran. Tectonics, 2012, 31, .	2.8	25
142	Interpreting scattered in-situ produced cosmogenic nuclide depth-profile data. Quaternary Geochronology, 2012, 11, 98-115.	1.4	20
143	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
144	Late Quaternary ice sheet extents in northeastern Germany inferred from surface exposure dating. Quaternary Science Reviews, 2012, 44, 89-95.	3.0	49

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