

# R Braucher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4615732/publications.pdf>

Version: 2024-02-01

215  
papers

7,773  
citations

46984

47  
h-index

71651

76  
g-index

239  
all docs

239  
docs citations

239  
times ranked

5602  
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.	1.8	268
2	The French accelerator mass spectrometry facility ASTER: Improved performance and developments. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1954-1959.	0.6	212
3	Early Pleistocene Presence of Acheulian Hominins in South India. Science, 2011, 331, 1596-1599.	6.0	212
4	Slope instability in relation to glacial debuitressing in alpine areas (Upper Durance catchment,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 2008, 95, 3-26.	1.1	190
5	Cosmogenic nuclide dating of <i>Sahelanthropus tchadensis</i> and <i>Australopithecus bahrelghazali</i> : Mio-Pliocene hominids from Chad. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3226-3231.	3.3	175
6	Mongolian summits: An uplifted, flat, old but still preserved erosion surface. Geology, 2007, 35, 871.	2.0	162
7	In situ produced <sup>10</sup> Be measurements at great depths: implications for production rates by fast muons. Earth and Planetary Science Letters, 2003, 211, 251-258.	1.8	159
8	Uplift age and rates of the Gurvan Bogd system (Gobi-Altay) by apatite fission track analysis. Earth and Planetary Science Letters, 2007, 259, 333-346.	1.8	155
9	Age and Date for Early Arrival of the Acheulian in Europe (Barranc de la Boella, la Canonja, Spain). PLoS ONE, 2014, 9, e103634.	1.1	143
10	Late Pleistocene and Holocene glaciation in the Pyrenees: a critical review and new evidence from <sup>10</sup> Be exposure ages, south-central Pyrenees. Quaternary Science Reviews, 2006, 25, 2937-2963.	1.4	142
11	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.	1.0	134
12	Towards more precise <sup>10</sup> Be and <sup>36</sup> Cl data from measurements at the 10 <sup>14</sup> level: Influence of sample preparation. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4921-4926.	0.6	134
13	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.	1.1	116
14	Determination of both exposure time and denudation rate from an in situ-produced <sup>10</sup> Be depth profile: A mathematical proof of uniqueness. Model sensitivity and applications to natural cases. Quaternary Geochronology, 2009, 4, 56-67.	0.6	108
15	Micrometeorites from the Transantarctic Mountains. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18206-18211.	3.3	102
16	Exposure age chronology of the last glaciation in the eastern Pyrenees. Quaternary Research, 2008, 69, 231-241.	1.0	99
17	Palaeogeography and <sup>10</sup> Be 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.	1.0	98
18	Differentiation of organic matter's properties of the Rio Negro basin by cross-flow ultra-filtration and UV-spectrofluorescence. Water Research, 1999, 33, 2363-2373.	5.3	97

#	ARTICLE	IF	CITATIONS
19	The recent fault scarps of the Western Alps (France): Tectonic surface ruptures or gravitational sacking scarps? A combined mapping, geomorphic, levelling, and $^{10}\text{Be}$ dating approach. <i>Tectonophysics</i> , 2006, 418, 255-276.	0.9	96
20	Preparation of ASTER in-house $^{10}\text{Be}/^{9}\text{Be}$ standard solutions. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 361, 335-340.	0.6	96
21	Local erosion rates versus active tectonics: cosmic ray exposure modelling in Provence (south-east) Tj ETQq1 1 0.784314 rgBT <sub>95</sub> /Overlo	1.8	95
22	Paleo-erosion rates in Central Asia since 9Ma: A transient increase at the onset of Quaternary glaciations?. <i>Earth and Planetary Science Letters</i> , 2011, 304, 85-92.	1.8	95
23	Mid-Holocene cluster of large-scale landslides revealed in the Southwestern Alps by $^{36}\text{Cl}$ dating. Insight on an Alpine-scale landslide activity. <i>Quaternary Science Reviews</i> , 2014, 90, 106-127.	1.4	95
24	High slip rate for a low seismicity along the Palu-Koro active fault in central Sulawesi (Indonesia). <i>Terra Nova</i> , 2001, 13, 463-470.	0.9	92
25	Chronological constraints on processes leading to large active landslides. <i>Earth and Planetary Science Letters</i> , 2005, 235, 141-150.	1.8	86
26	Small, isolated glacial catchments as priority targets for cosmogenic surface exposure dating of Pleistocene climate fluctuations, southeastern Pyrenees. <i>Geology</i> , 2010, 38, 891-894.	2.0	86
27	A major advance of tropical Andean glaciers during the Antarctic cold reversal. <i>Nature</i> , 2014, 513, 224-228.	13.7	84
28	Determination of muon attenuation lengths in depth profiles from in situ produced cosmogenic nuclides. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 294, 484-490.	0.6	82
29	Irregular tropical glacier retreat over the Holocene epoch driven by progressive warming. <i>Nature</i> , 2011, 474, 196-199.	13.7	80
30	Holocene right-slip rate determined by cosmogenic and OSL dating on the Anar fault, Central Iran. <i>Geophysical Journal International</i> , 2009, 179, 700-710.	1.0	72
31	Cosmogenic $^{10}\text{Be}$ dating of a sackung and its faulted rock glaciers, in the Alps of Savoy (France). <i>Geomorphology</i> , 2009, 108, 312-320.	1.1	72
32	Timing of the last deglaciation revealed by receding glaciers at the Alpine-scale: impact on mountain geomorphology. <i>Quaternary Science Reviews</i> , 2012, 31, 127-142.	1.4	63
33	Active tectonics of the eastern Himalaya: New constraints from the first tectonic geomorphology study in southern Bhutan. <i>Geology</i> , 2014, 42, 427-430.	2.0	62
34	The Early Acheulean technology of Barranc de la Boella (Catalonia, Spain). <i>Quaternary International</i> , 2016, 393, 95-111.	0.7	62
35	CRE dating on the head scarp of a major landslide (SĂ©chilienne, French Alps), age constraints on Holocene kinematics. <i>Earth and Planetary Science Letters</i> , 2009, 280, 236-245.	1.8	59
36	Wind erosion under cold climate: A Pleistocene periglacial mega-yardang system in Central Europe (Western Pannonian Basin, Hungary). <i>Geomorphology</i> , 2011, 134, 470-482.	1.1	59

#	ARTICLE	IF	CITATIONS
37	Dating faulted alluvial fans with cosmogenic $^{10}\text{Be}$ in the Gurvan Bogd mountain range (Gobi-Altay), Tj ETQq1 1 0.784314 rgBT/Overl	0.9	58
38	Application of the authigenic $^{10}\text{Be}/^9\text{Be}$ dating method to continental sediments: Reconstruction of the Mio-Pleistocene sedimentary sequence in the early hominid fossiliferous areas of the northern Chad Basin. <i>Earth and Planetary Science Letters</i> , 2010, 297, 57-70.	1.8	58
39	$^{10}\text{Be}$ dating of alluvial deposits from Southeastern Iran (the Hormoz Strait area). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 242, 36-53.	1.0	57
40	Cirques have growth spurts during deglacial and interglacial periods: Evidence from $^{10}\text{Be}$ and $^{26}\text{Al}$ nuclide inventories in the central and eastern Pyrenees. <i>Geomorphology</i> , 2017, 278, 60-77.	1.1	56
41	Quaternary river incision in NE Ardennes (Belgium) – Insights from $^{10}\text{Be}/^{26}\text{Al}$ dating of river terraces. <i>Quaternary Geochronology</i> , 2011, 6, 273-284.	0.6	52
42	Geomorphological evidence and $^{10}\text{Be}$ exposure ages for the Last Glacial Maximum and deglaciation of the Velká and Malá Studená dolina valleys in the High Tatra Mountains, central Europe. <i>Quaternary Science Reviews</i> , 2015, 124, 106-123.	1.4	52
43	Transpressional tectonics and stream terraces of the Gobi-Altay, Mongolia. <i>Tectonics</i> , 2007, 26, .	1.3	51
44	Impact of glacial erosion on $^{10}\text{Be}$ concentrations in fluvial sediments of the Marsyandi catchment, central Nepal. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	51
45	Late Quaternary ice sheet extents in northeastern Germany inferred from surface exposure dating. <i>Quaternary Science Reviews</i> , 2012, 44, 89-95.	1.4	49
46	Quantification of fluvial incision in the Duero Basin (NW Iberia) from longitudinal profile analysis and terrestrial cosmogenic nuclide concentrations. <i>Geomorphology</i> , 2012, 165-166, 50-61.	1.1	49
47	Geomorphic Mesozoic and Cenozoic evolution in the Oka-Jombolok region (East Sayan ranges, Siberia). <i>Journal of Asian Earth Sciences</i> , 2013, 62, 117-133.	1.0	48
48	Revised deglaciation history of the Pietrelele Stănişoara glacial complex, Retezat Mts, Southern Carpathians, Romania. <i>Quaternary International</i> , 2016, 415, 216-229.	0.7	48
49	Erosion rates in an active orogen (NE-Taiwan): A confrontation of cosmogenic measurements with river suspended loads. <i>Quaternary Geochronology</i> , 2011, 6, 246-260.	0.6	47
50	Barranc de la Boella (Catalonia, Spain): an Acheulean elephant butchering site from the European late Early Pleistocene. <i>Journal of Quaternary Science</i> , 2015, 30, 651-666.	1.1	46
51	Dating inset terraces and offset fans along the Dehshir Fault (Iran) combining cosmogenic and OSL methods. <i>Geophysical Journal International</i> , 2011, 185, 1147-1174.	1.0	45
52	Earthquake Geology of the Bulnay Fault (Mongolia). <i>Bulletin of the Seismological Society of America</i> , 2015, 105, 72-93.	1.1	45
53	Recent Advances in Research on Quaternary Glaciations in the Pyrenees. <i>Developments in Quaternary Sciences</i> , 2011, 15, 127-139.	0.1	44
54	Timing of the Northern Prince Gustav Ice Stream retreat and the deglaciation of northern James Ross Island, Antarctic Peninsula during the last glacial – interglacial transition. <i>Quaternary Research</i> , 2014, 82, 441-449.	1.0	43

#	ARTICLE	IF	CITATIONS
55	How fast is the denudation of the Taiwan mountain belt? Perspectives from in situ cosmogenic $^{10}\text{Be}$ . <i>Journal of Asian Earth Sciences</i> , 2014, 88, 230-245.	1.0	43
56	Cosmogenic $^{10}\text{Be}$ production rate calibrated against $^3\text{He}$ in the high Tropical Andes (3800–4900 m). <i>Tectonophysics</i> , 2014, 568, 107-119.	1.8	42
57	The French accelerator mass spectrometry facility ASTER after 4 years: Status and recent developments on $^{36}\text{Cl}$ and $^{129}\text{I}$ . <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 294, 24-28.	0.6	42
58	$^{10}\text{Be}$ exposure age chronology of the last glaciation in the Krkonoše Mountains, Central Europe. <i>Geomorphology</i> , 2014, 206, 107-121.	1.1	42
59	Application of in situ-produced cosmogenic $^{10}\text{Be}$ and $^{26}\text{Al}$ to the study of lateritic soil development in tropical forest: theory and examples from Cameroon and Gabon. <i>Chemical Geology</i> , 2000, 170, 95-111.	1.4	41
60	Performance of the HVE 5MV AMS system at CEREGE using an absorber foil for isobar suppression. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2008, 266, 1828-1832.	0.6	41
61	Slip rate and slip magnitudes of past earthquakes along the Bogd left-lateral strike-slip fault (Mongolia). <i>Geophysical Journal International</i> , 2011, 186, 897-927.	1.0	40
62	A 0.65Ma chronology and incision rate assessment of the NW Iberian Miño River terraces based on $^{10}\text{Be}$ and luminescence dating. <i>Global and Planetary Change</i> , 2012, 94-95, 82-100.	1.6	40
63	The densest meteorite collection area in hot deserts: The San Juan meteorite field (Atacama Desert). <i>Journal of Meteorology</i> , 2011, 50, 1784-1814.	0.7	38
64	Deglaciation pattern during the Lateglacial/Holocene transition in the southern French Alps. Chronological data and geographical reconstruction from the Clarée Valley (upper Durance). <i>Journal of Quaternary Science</i> , 2011, 26, 109-123.	1.0	38
65	$^{10}\text{Be}$ ages reveal $\sim 12\text{ka}$ of gravitational movement in a major sacking of the Western Alps (France). <i>Geomorphology</i> , 2012, 171-172, 139-153.	1.1	38
66	Chronology of the Late Weichselian glaciation in the Bohemian Forest in Central Europe. <i>Quaternary Science Reviews</i> , 2013, 65, 120-128.	1.4	38
67	Effect of density uncertainties in cosmogenic $^{10}\text{Be}$ depth-profiles: Dating a cemented Pleistocene alluvial fan (Carboneras Fault, SE Iberia). <i>Quaternary Geochronology</i> , 2011, 6, 186-194.	0.6	37
68	Denudation rates of the Southern Espinhaço Range, Minas Gerais, Brazil, determined by in situ-produced cosmogenic beryllium-10. <i>Geomorphology</i> , 2013, 191, 1-13.	1.1	37
69	Cosmogenic $^{10}\text{Be}$ dating of ice sheet marginal belts in Mecklenburg-Vorpommern, Western Pomerania (northeast Germany). <i>Quaternary Geochronology</i> , 2014, 19, 42-51.	0.6	37
70	Quaternary evolution of a large alluvial fan in a periglacial setting (Crau Plain, SE France) constrained by terrestrial cosmogenic nuclide ( $^{10}\text{Be}$ ). <i>Geomorphology</i> , 2013, 195, 45-52.	1.1	36
71	Last Glacial Maximum and Lateglacial in the Polish High Tatra Mountains - Revised deglaciation chronology based on the $^{10}\text{Be}$ exposure age dating. <i>Quaternary Science Reviews</i> , 2018, 187, 130-156.	1.4	36
72	History of late Pleistocene glaciations in the central Sayan-Tuva Upland (southern Siberia). <i>Quaternary Science Reviews</i> , 2012, 49, 16-32.	1.4	35

#	ARTICLE	IF	CITATIONS
73	In situ cosmogenic $^{10}\text{Be}$ production rate in the High Tropical Andes. <i>Quaternary Geochronology</i> , 2015, 30, 54-68.	0.6	35
74	Application of the authigenic $^{10}\text{Be}/^9\text{Be}$ dating method to Late Miocene–Pliocene sequences in the northern Danube Basin (Pannonian Basin System): Confirmation of heterochronous evolution of sedimentary environments. <i>Global and Planetary Change</i> , 2016, 137, 35-53.	1.6	35
75	African laterite dynamics using in situ-produced $^{10}\text{Be}$ . <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 1501-1507.	1.6	34
76	Cave levels as proxies for measuring post-orogenic uplift: Evidence from cosmogenic dating of alluvium-filled caves in the French Pyrenees. <i>Geomorphology</i> , 2015, 246, 617-633.	1.1	34
77	Brazilian laterite dynamics using in situ-produced $^{10}\text{Be}$ . <i>Earth and Planetary Science Letters</i> , 1998, 163, 197-205.	1.8	33
78	Relief evolution of the Quadrilátero Ferrífero (Minas Gerais, Brazil) by means of ( $^{10}\text{Be}$ ) cosmogenic nuclei. <i>Zeitschrift für Geomorphologie</i> , 2008, 52, 317-323.	0.3	33
79	The granite tors of Dartmoor, Southwest England: rapid and recent emergence revealed by Late Pleistocene cosmogenic apparent exposure ages. <i>Quaternary Science Reviews</i> , 2013, 61, 62-76.	1.4	33
80	Terrestrial $^{10}\text{Be}$ and electron spin resonance dating of fluvial terraces quantifies quaternary tectonic uplift gradients in the eastern Pyrenees. <i>Quaternary Science Reviews</i> , 2018, 193, 188-211.	1.4	33
81	Cosmogenic age constraints on post-LGM catastrophic rock slope failures in the Tatra Mountains (Western Carpathians). <i>Catena</i> , 2016, 138, 52-67.	2.2	32
82	Climatic significance of glacier retreat and rockglaciers re-assessed in the light of cosmogenic dating and weathering rind thickness in Clarée valley (Briançonnais, French Alps). <i>Catena</i> , 2010, 80, 204-219.	2.2	31
83	Constraints on Pleistocene glaciofluvial terrace age and related soil chronosequence features from vertical $^{10}\text{Be}$ profiles in the Ariège River catchment (Pyrenees, France). <i>Global and Planetary Change</i> , 2015, 132, 39-53.	1.6	31
84	Implications of drainage rearrangement for passive margin escarpment evolution in southern Brazil. <i>Geomorphology</i> , 2018, 306, 155-169.	1.1	31
85	Estudo da evolução da paisagem do quadrilátero ferrífero (Minas Gerais, Brasil) por meio da mensuração das taxas de erosão ( $^{10}\text{Be}$ ) e da pedogênese. <i>Revista Brasileira De Ciencia Do Solo</i> , 2009, 33, 1409-1425.	0.5	30
86	Long-term evolution of denudational escarpments in southeastern Brazil. <i>Geomorphology</i> , 2012, 173-174, 118-127.	1.1	30
87	Transition from collision to subduction in Western Greece: the Katouna–Stamna active fault system and regional kinematics. <i>International Journal of Earth Sciences</i> , 2017, 106, 967-989.	0.9	30
88	Quantitative and qualitative insights into bedrock landform erosion on the South Indian craton using cosmogenic nuclides and apatite fission tracks. <i>Bulletin of the Geological Society of America</i> , 2007, 119, 576-585.	1.6	29
89	Dating chert (diagenetic silica) using in-situ produced $^{10}\text{Be}$ : Possible complications revealed through a comparison with $^{36}\text{Cl}$ applied to coexisting limestone. <i>Quaternary Geochronology</i> , 2013, 17, 81-93.	0.6	28
90	Denudation and retreat of the Serra do Mar escarpment in southern Brazil derived from in situ-produced $^{10}\text{Be}$ concentration in river sediment. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 311-319.	1.2	28

#	ARTICLE	IF	CITATIONS
91	Deciphering landscape evolution with karstic networks: A Pyrenean case study. <i>Quaternary Geochronology</i> , 2018, 43, 12-29.	0.6	28
92	Relief evolution of the Continental Rift of Southeast Brazil revealed by in situ-produced $^{10}\text{Be}$ concentrations in river-borne sediments. <i>Journal of South American Earth Sciences</i> , 2016, 67, 89-99.	0.6	27
93	Tectonic and climatic control on terrace formation: Coupling in situ produced $^{10}\text{Be}$ depth profiles and luminescence approach, Danube River, Hungary, Central Europe. <i>Quaternary Science Reviews</i> , 2016, 131, 127-147.	1.4	27
94	Late Quaternary sackungen in the highest mountains of the Carpathians. <i>Quaternary Science Reviews</i> , 2017, 159, 47-62.	1.4	27
95	Description of a very dense meteorite collection area in western Atacama: Insight into the long-term composition of the meteorite flux to Earth. <i>Meteoritics and Planetary Science</i> , 2016, 51, 468-482.	0.7	26
96	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. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	25
97	The Binalud Mountains: A key piece for the geodynamic puzzle of NE Iran. <i>Tectonics</i> , 2012, 31, .	1.3	25
98	Geomorphic Records along the General Carrera (Chile)–Buenos Aires (Argentina) Glacial Lake (46°–48°S), Climate Inferences, and Glacial Rebound for the Past 7–9 ka. <i>Journal of Geology</i> , 2016, 124, 27-53.	0.7	25
99	Les glaciations quaternaires dans les Pyrénées ariégeoises: approche historiographique, données paléogéographiques et chronologiques nouvelles. <i>Quaternaire</i> , 2012, , 61-85.	0.1	25
100	Dating Pleistocene aeolian landforms in Hungary, Central Europe, using in situ produced cosmogenic $^{10}\text{Be}$ . <i>Quaternary Geochronology</i> , 2011, 6, 515-529.	0.6	24
101	Spatial variations in late Quaternary slip rates along the Doruneh Fault System (Central Iran). <i>Tectonics</i> , 2016, 35, 386-406.	1.3	24
102	Glacial chronology and palaeoclimate in the Bystra catchment, Western Tatra Mountains (Poland) during the Late Pleistocene. <i>Quaternary Science Reviews</i> , 2016, 134, 74-91.	1.4	24
103	Depth-dependence of the production rate of in situ $^{14}\text{C}$ in quartz from the Leymon High core, Spain. <i>Quaternary Geochronology</i> , 2015, 28, 80-87.	0.6	23
104	Rate of Slip From Multiple Quaternary Dating Methods and Paleoseismic Investigations Along the Talas–Fergana Fault: Tectonic Implications for the Tien Shan Range. <i>Tectonics</i> , 2019, 38, 2477-2505.	1.3	23
105	Study of the erosion rates in the upper Maracujá Basin (Quadrilátero Ferrífero/MG, Brazil) by the in situ produced cosmogenic $^{10}\text{Be}$ method. <i>Earth Surface Processes and Landforms</i> , 2007, 32, 905-911.	1.2	22
106	The meteorite flux of the past 2 m.y. recorded in the Atacama Desert. <i>Geology</i> , 2019, 47, 673-676.	2.0	22
107	Use of in situ-produced $^{10}\text{Be}$ in carbonate-rich environments: A first attempt. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 1473-1478.	1.6	21
108	Pleistocene alluvial deposits dating along frontal thrust of Changhua Fault in western Taiwan: The cosmic ray exposure point of view. <i>Journal of Asian Earth Sciences</i> , 2012, 51, 1-20.	1.0	21

#	ARTICLE	IF	CITATIONS
109	Quality assurance in accelerator mass spectrometry: Results from an international round-robin exercise for $^{10}\text{Be}$ . <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2012, 289, 68-73.	0.6	21
110	Late Quaternary incision rates in the Vézère catchment area (Southern French Alps) from in situ-produced $^{36}\text{Cl}$ cosmogenic nuclide dating: Tectonic and climatic implications. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 1121-1135.	1.0	21
111	$^{10}\text{Be}$ exposure age chronology of the last glaciation of the Roháč Valley in the Western Tatra Mountains, central Europe. <i>Geomorphology</i> , 2017, 293, 130-142.	1.1	21
112	Multi-level Domica-Baradla cave system (Slovakia, Hungary): Middle Pliocene-Pleistocene evolution and implications for the denudation chronology of the Western Carpathians. <i>Geomorphology</i> , 2019, 327, 62-79.	1.1	21
113	Evidence for active retreat of a coastal cliff between 3.5 and 12 ka in Cassis (South East France). <i>Geomorphology</i> , 2010, 115, 1-10.	1.1	20
114	Interpreting scattered in-situ produced cosmogenic nuclide depth-profile data. <i>Quaternary Geochronology</i> , 2012, 11, 98-115.	0.6	20
115	Glacier fluctuations during the Late Glacial and Holocene on the Ariège valley, northern slope of the Pyrenees and reconstructed climatic conditions. <i>Mediterranean Geoscience Reviews</i> , 2020, 2, 37-51.	0.6	20
116	Denudation rates of the Quadrilátero Ferrífero (Minas Gerais, Brazil): Preliminary results from measurements of solute fluxes in rivers and in situ-produced cosmogenic $^{10}\text{Be}$ . <i>Journal of Geochemical Exploration</i> , 2006, 88, 313-317.	1.5	19
117	Dating carbonate rocks with in-situ produced cosmogenic $^{10}\text{Be}$ : Why it often fails. <i>Quaternary Geochronology</i> , 2008, 3, 299-307.	0.6	19
118	A multi-radionuclide approach for in situ produced terrestrial cosmogenic nuclides: $^{10}\text{Be}$ , $^{26}\text{Al}$ , $^{36}\text{Cl}$ and $^{41}\text{Ca}$ from carbonate rocks. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2010, 268, 1179-1184.	0.6	19
119	The potential of historic rock avalanches and man-made structures as chlorine-36 production rate calibration sites. <i>Quaternary Geochronology</i> , 2013, 18, 54-62.	0.6	19
120	Coupling cosmogenic dating and magnetostratigraphy to constrain the chronological evolution of peri-Mediterranean karsts during the Messinian and the Pliocene: Example of Ardèche Valley, Southern France. <i>Geomorphology</i> , 2013, 189, 81-92.	1.1	19
121	$^{10}\text{Be}$ dating of the Main Terrace level in the Amlève valley (Ardennes, Belgium): new age constraint on the archaeological and palaeontological filling of the Belle-Roche palaeokarst. <i>Boreas</i> , 2014, 43, 528-542.	1.2	19
122	The Longriq fault zone, eastern Tibetan Plateau: Segmentation and Holocene behavior. <i>Tectonics</i> , 2016, 35, 565-585.	1.3	19
123	Revealing the late Pliocene to Middle Pleistocene alluvial archive in the confluence of the Western Carpathian and Eastern Alpine rivers: $^{26}\text{Al}/^{10}\text{Be}$ burial dating from the Danube Basin (Slovakia). <i>Sedimentary Geology</i> , 2018, 377, 131-146.	1.0	19
124	Limited glacial erosion during the last glaciation in mid-latitude cirques (Retezat Mts, Southern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	1.1	19
125	In-phase millennial-scale glacier changes in the tropics and North Atlantic regions during the Holocene. <i>Nature Communications</i> , 2022, 13, 1419.	5.8	19
126	$^{10}\text{Be}$ in Australasian microtektites compared to tektites: Size and geographic controls. <i>Geology</i> , 2018, 46, 803-806.	2.0	18

#	ARTICLE	IF	CITATIONS
127	Evidence from cosmic ray exposure (CRE) dating for the existence of a pre-Minoan caldera on Santorini, Greece. <i>Bulletin of Volcanology</i> , 2016, 78, 1.	1.1	17
128	Inner gorges incision history: A proxy for deglaciation? Insights from Cosmic Ray Exposure dating ( $^{10}\text{Be}$ and $^{36}\text{Cl}$ ) of river-polished surfaces (TinÃ©e River, SW Alps, France). <i>Earth and Planetary Science Letters</i> , 2017, 457, 271-281.	1.8	17
129	Surface exposure dating and geophysical prospecting of the Holocene Lauvitel rock slide (French) Tj ETQq1 1 0.784314 rgBT /Overloc	2.7	16
130	Use of $^{10}\text{Be}$ exposure ages and Schmidt hammer data for correlation of moraines in the KrkonoÅ¡e Mountains, Poland/Czech Republic. <i>Zeitschrift FÃ¼r Geomorphologie</i> , 2011, 55, 175-196.	0.3	16
131	Integration of new and revised chronological data to constrain the terrace evolution of the Danube River (Gerecse Hills, Pannonian Basin). <i>Quaternary Geochronology</i> , 2018, 48, 148-170.	0.6	16
132	Last deglaciation in the central Balkan Peninsula: Geochronological evidence from the Jablanica Mt. (North Macedonia). <i>Geomorphology</i> , 2020, 351, 106985.	1.1	16
133	Climatic conditions between 19 and 12 ka in the eastern Pyrenees, and wider implications for atmospheric circulation patterns in Europe. <i>Quaternary Science Reviews</i> , 2021, 260, 106923.	1.4	16
134	Glacial retreat history of Nanhuta Shan (north-east Taiwan) from preserved glacial features: the cosmic ray exposure perspective.. <i>Quaternary Science Reviews</i> , 2007, 26, 2185-2200.	1.4	15
135	Surface exposure dating of the Veliki vrh rock avalanche in Slovenia associated with the 1348 earthquake. <i>Quaternary Geochronology</i> , 2014, 22, 33-42.	0.6	15
136	Late Pleistocene glaciations in southern East Sayan and detection of MIS 2 terminal moraines based on beryllium ( $^{10}\text{Be}$ ) dating of glacier complexes. <i>Russian Geology and Geophysics</i> , 2015, 56, 1509-1521.	0.3	14
137	Canyon incision chronology based on ignimbrite stratigraphy and cut-and-fill sediment sequences in SW Peru documents intermittent uplift of the western Central Andes. <i>Geomorphology</i> , 2017, 298, 1-19.	1.1	14
138	Recent, climate-driven river incision rate fluctuations in the Mercantour crystalline massif, southern French Alps. <i>Quaternary Science Reviews</i> , 2017, 165, 73-87.	1.4	14
139	Toward the feldspar alternative for cosmogenic $^{10}\text{Be}$ applications. <i>Quaternary Geochronology</i> , 2017, 41, 83-96.	0.6	14
140	Deglaciation history at the Alpineâ€Mediterranean transition (Argenteraâ€Mercantour, SW Alps) from $^{10}\text{Be}$ dating of moraines and glacially polished bedrock. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 393-410.	1.2	14
141	Impact glasses from Belize represent tektites from the Pleistocene Pantasma impact crater in Nicaragua. <i>Communications Earth &amp; Environment</i> , 2021, 2, 94.	2.6	14
142	Les nucleides cosmogeniques produits in-situ; de nouveaux outils en geomorphologie quantitative. <i>Bulletin - Societe Geologique De France</i> , 2000, 171, 383-396.	0.9	13
143	Cosmic ray exposure dating on the large landslide of SÃ©chilienne (Western Alps): A synthesis to constrain slope evolution. <i>Geomorphology</i> , 2017, 278, 329-344.	1.1	13
144	Absolute dating of an Early Paleolithic site in Western Africa based on the radioactive decay of in situ-produced $^{10}\text{Be}$ and $^{26}\text{Al}$ . <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 456, 169-179.	0.6	13

#	ARTICLE	IF	CITATIONS
145	Comparison and performance of two cosmogenic nuclide sample preparation procedures of in situ produced $^{10}\text{Be}$ and $^{26}\text{Al}$ . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 1523-1536.	0.7	13
146	Valley downcutting in the Ardennes (W Europe): Interplay between tectonically triggered regressive erosion and climatic cyclicality. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2012, 91, 79-90.	0.6	12
147	Coastal cliffs, rock-slope failures and Late Quaternary transgressions of the Black Sea along southern Crimea. <i>Quaternary Science Reviews</i> , 2018, 181, 76-92.	1.4	12
148	Morphometric comparison of weathering features on side by side carbonate rock surfaces with different exposure ages – A case from the Croatian coast. <i>Quaternary International</i> , 2018, 494, 275-285.	0.7	12
149	Morphotectonic analysis and $^{10}\text{Be}$ dating of the Kyngarga river terraces (southwestern flank of the) Tj ETQq1 1 0.784314 rgBT /Overbo	1.1	12
150	$^{10}\text{Be}$ dating reveals pronounced Mid-to Late Holocene activity of deep-seated landslides in the highest part of the Czech Flysch Carpathians. <i>Quaternary Science Reviews</i> , 2018, 195, 180-194.	1.4	12
151	Active tectonics around the Yakutat indenter: New geomorphological constraints on the eastern Denali, Totschunda and Duke River Faults. <i>Earth and Planetary Science Letters</i> , 2018, 482, 71-80.	1.8	11
152	Pliocene endorheic-exhoreic drainage transition of the Cenozoic Madrid Basin (Central Spain). <i>Global and Planetary Change</i> , 2020, 194, 103295.	1.6	11
153	Cosmic Ray Exposure (CRE) dating in a wet tropical domain: late Quaternary fan emplacements in central Sulawesi (Indonesia). <i>Terra Nova</i> , 1999, 11, 174-180.	0.9	10
154	Stone-line formation processes documented by in situ-produced $^{10}\text{Be}$ distribution, Jardim River basin, DF, Brazil. <i>Earth and Planetary Science Letters</i> , 2004, 222, 645-651.	1.8	10
155	Using in situ-produced $^{10}\text{Be}$ to quantify active tectonics in the Gurvan Bogd mountain range (Gobi-Altay, Mongolia). , 2006, , .		10
156	Chlorine measurements at the 5MV French AMS national facility ASTER: Associated external uncertainties and comparability with the 6MV DREAMS facility. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2018, 420, 40-45.	0.6	10
157	The age and paleoenvironment of a late Miocene floodplain alongside Lake Pannon: Rodent and mollusk biostratigraphy coupled with authigenic $^{10}\text{Be}/^9\text{Be}$ dating in the northern Danube Basin of Slovakia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 538, 109482.	1.0	10
158	Old but still active: > 18 ka history of rock slope failures affecting a flysch anticline. <i>Landslides</i> , 2021, 18, 89-104.	2.7	10
159	In situ-produced $^{10}\text{Be}$ and $^{26}\text{Al}$ indirect dating of Elarmkora Earlier Stone Age artefacts: first attempt in a savannah forest mosaic in the middle Ogooué valley, Gabon. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200482.	1.8	10
160	New cosmogenic nuclide constraints on Late Glacial and Holocene glacier fluctuations in the sub-Antarctic Indian Ocean (Kerguelen Islands, 49°S). <i>Quaternary Science Reviews</i> , 2022, 283, 107461.	1.4	9
161	Effects of spatially variable accommodation rate on channel belt distribution in an alluvial sequence: Authigenic $^{10}\text{Be}/^9\text{Be}$ -based Bayesian age-depth models applied to the upper Miocene Volkovce Fm. (northern Pannonian Basin System, Slovakia). <i>Sedimentary Geology</i> , 2020, 397, 105566.	1.0	8
162	Mountain glacier fluctuations during the Lateglacial and Holocene on Clavinging Island (northeastern Greenland) from $^{10}\text{Be}$ moraine dating. <i>Boreas</i> , 2020, 49, 873-885.	1.2	8

#	ARTICLE	IF	CITATIONS
163	Which is the best $^9\text{Be}$ carrier for $^{10}\text{Be}/^9\text{Be}$ accelerator mass spectrometry?. <i>MethodsX</i> , 2021, 8, 101486.	0.7	8
164	Erosion around a large-scale topographic high in a semi-arid sedimentary basin: Interactions between fluvial erosion, aeolian erosion and aeolian transport. <i>Geomorphology</i> , 2021, 386, 107747.	1.1	8
165	Estimativa das Taxas de Erosão das Terras Altas da Alta Bacia do Rio Das Velhas no Quadrilátero Ferrífero: Implicações para A Evolução Do Relevô. <i>Revista Brasileira De Geomorfologia</i> , 2010, 8, .	0.1	8
166	Geophysical and geomorphological investigations of a Quaternary karstic paleolake and its underground marine connection in Cassis (Bestouan, Cassis, SE France). <i>Geomorphology</i> , 2014, 214, 402-415.	1.1	7
167	River incision and migration deduced from $^{36}\text{Cl}$ cosmic-ray exposure durations: The Clue de la Cerise gorge in southern French Alps. <i>Geomorphology</i> , 2019, 330, 81-88.	1.1	7
168	Late Cenozoic evolution of the Ariège River valley (Pyrenees) constrained by cosmogenic $^{26}\text{Al}/^{10}\text{Be}$ and $^{10}\text{Be}/^{21}\text{Ne}$ dating of cave sediments. <i>Geomorphology</i> , 2020, 371, 107441.	1.1	7
169	Plio-Quaternary landscape evolution in the uplifted Ardennes: New insights from $^{26}\text{Al}/^{10}\text{Be}$ data from cave-deposited alluvium (Meuse catchment, E. Belgium). <i>Geomorphology</i> , 2020, 371, 107424.	1.1	7
170	Using $^{10}\text{Be}$ dating to determine when the Cordilleran Ice Sheet stopped flowing over the Canadian Rocky Mountains. <i>Quaternary Research</i> , 2021, 102, 222-233.	1.0	7
171	Early Pleistocene age of fluvial sediment in the Stará Garda Cave revealed by $^{26}\text{Al}/^{10}\text{Be}$ burial dating: implications for geomorphic evolution of the Malá Karpaty Mts. (Western Carpathians). <i>Acta Carsologica</i> , 2018, 46, .	0.3	7
172	Source-to-Sink Aeolian Fluxes From Arid Landscape Dynamics in the Lut Desert. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
173	Nd-isotope evidence for the distal provenance of the historical (c. <3000BP) lateritic surface cover underlying the Equatorial forest in Gabon (Western Africa). <i>Aeolian Research</i> , 2014, 15, 177-192.	1.1	6
174	Slip rate of trench-parallel normal faulting along the Mejillones Fault (Atacama Fault System): Relationships with the northern Chile subduction and implications for seismic hazards. <i>Terra Nova</i> , 2019, 31, 390-404.	0.9	6
175	Integrated stratigraphy of the Gușterița clay pit: a key section for the early Pannonian (late Miocene) of the Transylvanian Basin (Romania). <i>Austrian Journal of Earth Sciences</i> , 2019, 112, 221-247.	0.9	6
176	O Papel da Denudação Geoquímica no Processo de Erosão Diferencial no Quadrilátero Ferrífero/MG. <i>Revista Brasileira De Geomorfologia</i> , 2010, 5, .	0.1	6
177	Glacier extents within Briançonnais Alps (southern French Alps) from the Last Glacial Maximum to the Holocene: chronological synthesis. <i>Geomorphologie Relief, Processus, Environnement</i> , 2011, 17, 123-142.	0.7	6
178	Datation de surfaces geomorphologiques reperes par le $^{10}\text{Be}$ produit in-situ; implications tectoniques et climatiques. <i>Bulletin - Societe Geologique De France</i> , 2001, 172, 223-236.	0.9	5
179	Extending $^{10}\text{Be}$ applications to carbonate-rich and mafic environments. , 2006, , .		5
180	The tectono-sedimentary evolution of a major seismogenic zone with low slip rate activity: A geochronological and sedimentological investigation of the Dobrá Voda Depression (Western) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57		

#	ARTICLE	IF	CITATIONS
181	Nature Does the Averagingâ€”In-Situ Produced <sup>10</sup> Be, <sup>21</sup> Ne, and <sup>26</sup> Al in a Very Young River Terrace. <i>Geosciences (Switzerland)</i> , 2020, 10, 237.	1.0	5
182	Interplay of fluvial incision and rockfalls in shaping periglacial mountain gorges. <i>Geomorphology</i> , 2021, 381, 107665.	1.1	5
183	Evidence of the largest Late Holocene mountain glacier extent in southern and southeastern Greenland during the middle Neoglacial from <sup>10</sup> Be moraine dating. <i>Boreas</i> , 2022, 51, 61-77.	1.2	5
184	ESTUDO DA EVOLUÃ§Ã£o DA ESCARPA ENTRE AS BACIAS DO DOCE/PARANÃ-EM MINAS GERAIS ATRAVÃ%S DA QUANTIFICAÃ§Ã£o DAS TAXAS DE DESNUDAÃ§Ã£o. <i>Revista Brasileira De Geomorfologia</i> , 2012, 13, .	0.1	5
185	Recherches archÃ©ologiques Ã Dungo (Angola). <i>Afrique Archeologie Et Arts</i> , 2010, , 25-47.	0.1	5
186	Long-term denudation rate of karstic North Dalmatian Plain (Croatia) calculated from <sup>36</sup> Cl cosmogenic nuclides. <i>Geomorphology</i> , 2022, 413, 108358.	1.1	5
187	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. <i>Zeitschrift FÃ¼r Geomorphologie</i> , 2018, 62, 23-40.	0.3	4
188	Design and performance of an automated chemical extraction bench for the preparation of <sup>10</sup> Be and <sup>26</sup> Al targets to be analyzed by accelerator mass spectrometry. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 456, 230-235.	0.6	4
189	Late Miocene fluvial distributary system in the northern Danube Basin (Pannonian Basin System): depositional processes, stratigraphic architecture and controlling factors of the PieÅ¥any Member (Volkovce Formation). <i>Geological Quarterly</i> , 2017, 61, .	0.1	4
190	Last glacial fluctuations in the southwestern Massif Central, Aubrac (France): First direct chronology from cosmogenic <sup>10</sup> Be and <sup>26</sup> Al exposure dating. <i>Quaternary Science Reviews</i> , 2022, 285, 107500.	1.4	4
191	Rock walls distribution and Holocene evolution in a mid-latitude mountain range (the Romanian) Tj ETQq1 1 0.784314 rgBT /QOverlock 11	1.1	4
192	The impact of diamond extraction on natural denudation rates in the Diamantina Plateau (Minas) Tj ETQq0 0 0 rgBT /QOverlock 10 Tf 50 3	0.6	3
193	Geomorphic Records along the General Carrera (Chile)â€”Buenos Aires (Argentina) Glacial Lake (46Ã°â€”48Ã°S), Climate Inferences, and Glacial Rebound for the Past 7â€”9 ka: A Reply. <i>Journal of Geology</i> , 2016, 124, 637-642.	0.7	3
194	Origin and <sup>10</sup> Be surface exposure dating of a coarse debris accumulation in the HrubÃ½ JesenÃk Mountains, Central Europe. <i>Geomorphology</i> , 2020, 365, 107292.	1.1	3
195	<sup>10</sup> Be exposure age for sorted polygons in the Sudetes Mountains. <i>Permafrost and Periglacial Processes</i> , 2021, 32, 154-168.	1.5	3
196	The Late Quaternary slip-rate of the Kichera Fault (North Baikal Rift) from morphotectonic, paleoseismological and cosmogenic <sup>10</sup> Be analyses. <i>Tectonophysics</i> , 2021, 812, 228915.	0.9	3
197	&lt;sup&gt;10&lt;/sup&gt;Be depth profiles in glacial sediments on the Swiss Plateau: deposition age, denudation and (pseudo-) inheritance. <i>E&amp;C Quaternary Science Journal</i> , 2017, 66, 57-68.	0.2	3
198	FATORES CONTROLADORES DA EVOLUÃ§Ã£o DO RELEVO NO FLANCO NNW DO RIFT CONTINENTAL DO SUDESTE DO BRASIL: UMA ANÃLISE BASEADA NA MENSURAÃ§Ã£o DOS PROCESSOS DENUDACIONAIS DE LONGO-TERMO. <i>Revista Brasileira De Geomorfologia</i> , 2014, 14, .	0.1	3

#	ARTICLE	IF	CITATIONS
199	The origin of the potassium-rich annular zones at the Bosomtwi impact structure, Ghana, investigated by field study, radiometric analysis, and first cosmogenic nuclide data. <i>Meteoritics and Planetary Science</i> , 2022, 57, 702-729.	0.7	3
200	Reply to comment by K. Padoja et al. on "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". <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	2
201	Preliminary dating of the Mansu-Ri and Wondang-Jangnamgyo Early Paleolithic sites. <i>Comptes Rendus - Palevol</i> , 2018, 17, 143-151.	0.1	2
202	Denudation rates in the Pancas Bornhardt Province (SE Brazil), inferred from in situ produced cosmogenic $^{10}\text{Be}$ . <i>Zeitschrift für Geomorphologie</i> , 2018, 62, 13-22.	0.3	2
203	Quaternary landscape evolution in a tectonically active rift basin (paleo-lake Mweru, south-central) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.1	2
204	A karstic model of the generation of tablelands landscapes in sandstones in Eastern Amazonia. <i>Journal of South American Earth Sciences</i> , 2022, 114, 103709.	0.6	2
205	Debris flow and long-term denudation rates in a tropical passive margin escarpment in South America. <i>Geomorphology</i> , 2022, 413, 108333.	1.1	2
206	Utilisation du $^{10}\text{Be}$ cosmogénique produit in-situ pour l'étude de la dynamique et de l'évolution des sols en milieux lateritiques. <i>Bulletin - Societie Geologique De France</i> , 2000, 171, 511-520.	0.9	1
207	AMS $^{13}\text{C}$ Preface. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2015, 361, 1-7.	0.6	1
208	$^{10}\text{Be}$ in Australasian microtektites compared to tektites: Size and geographic controls: REPLY. <i>Geology</i> , 2019, 47, e460-e460.	2.0	1
209	Towards successful cleaning of chert samples for improved $^{10}\text{Be}$ and $^{26}\text{Al}$ measurements. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 456, 257-263.	0.6	1
210	Comment on "A multidisciplinary overview of the lower Miño River terrace system (NW Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	1
211	Use of In situ-produced Cosmogenic $^{10}\text{Be}$ for the Study of Brazilian Lateritic Soil Evolution. <i>Mineralogical Magazine</i> , 1998, 62A, 233-234.	0.6	1
212	DENUDAÇÃO QUÍMICA E REBAIXAMENTO DO RELEVO EM BORDAS INTERPLANÁLTICAS COM SUBSTRATO GRANÍTICO: DOIS EXEMPLOS NO SE DE MINAS GERAIS. <i>Revista Brasileira De Geomorfologia</i> , 2012, 13, .	0.1	1
213	Cosmic-ray exposure dating of a ~5 ka open cast copper mine in the Aegean: modeling volume modulations. <i>Zeitschrift für Geomorphologie</i> , 2017, 61, 43-51.	0.3	0
214	Didier L. Bourlès (1955–2021), the 5 MV cosmogenic rock star. <i>Quaternary Geochronology</i> , 2021, 65, 101186.	0.6	0
215	A Balaton alatti pannóniai töltegeket mint a TFM-1/13 kutatás komplex vizsgálatának eredményei. <i>Földtani Közlemények</i> , 2017, 147, 283.	0.2	0