

# Peter van der Beek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2194086/publications.pdf>

Version: 2024-02-01

135  
papers

6,938  
citations

31976

53  
h-index

74163

75  
g-index

163  
all docs

163  
docs citations

163  
times ranked

4452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Significant increase in relief of the European Alps during mid-Pleistocene glaciations. <i>Nature Geoscience</i> , 2011, 4, 688-692.	12.9	167
2	Quantifying rates of landscape evolution and tectonic processes by thermochronology and numerical modeling of crustal heat transport using PECUBE. <i>Tectonophysics</i> , 2012, 524-525, 1-28.	2.2	166
3	Meso-Cenozoic morphotectonic evolution of southern Norway: Neogene domal uplift inferred from apatite fission track thermochronology. <i>Tectonics</i> , 1995, 14, 704-718.	2.8	151
4	Estimation of current plate motions in Papua New Guinea from Global Positioning System observations. <i>Journal of Geophysical Research</i> , 1998, 103, 12181-12203.	3.3	148
5	Mechanisms of extensional basin formation and vertical motions at rift flanks: Constraints from tectonic modelling and fission-track thermochronology. <i>Earth and Planetary Science Letters</i> , 1994, 121, 417-433.	4.4	144
6	Miocene to Recent exhumation of the central Himalaya determined from combined detrital zircon fission-track and U/Pb analysis of Siwalik sediments, western Nepal. <i>Basin Research</i> , 2006, 18, 393-412.	2.7	144
7	Increase in late Neogene denudation of the European Alps confirmed by analysis of a fission-track thermochronology database. <i>Earth and Planetary Science Letters</i> , 2008, 270, 316-329.	4.4	143
8	Cenozoic river profile development in the Upper Lachlan catchment (SE Australia) as a test of quantitative fluvial incision models. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	126
9	Long-term fluvial incision rates and postglacial river relaxation time in the French Western Alps from <sup>10</sup> Be dating of alluvial terraces with assessment of inheritance, soil development and wind ablation effects. <i>Earth and Planetary Science Letters</i> , 2003, 209, 197-214.	4.4	119
10	Modeling postbreakup landscape development and denudational history across the southeast African (Drakensberg Escarpment) margin. <i>Journal of Geophysical Research</i> , 2002, 107, ETG 11-1-ETG 11-18.	3.3	116
11	Late Miocene - Recent exhumation of the central Himalaya and recycling in the foreland basin assessed by apatite fission-track thermochronology of Siwalik sediments, Nepal. <i>Basin Research</i> , 2006, 18, 413-434.	2.7	114
12	Episodic exhumation and relief growth in the Mont Blanc massif, Western Alps from numerical modelling of thermochronology data. <i>Earth and Planetary Science Letters</i> , 2011, 304, 417-430.	4.4	111
13	Cenozoic postrift domal uplift of North Atlantic margins: An asthenospheric diapirism model. <i>Geology</i> , 1996, 24, 901.	4.4	109
14	Frost-cracking control on catchment denudation rates: Insights from in situ produced <sup>10</sup> Be concentrations in stream sediments (Ecrins-Pelvoux massif, French Western Alps). <i>Earth and Planetary Science Letters</i> , 2010, 293, 72-83.	4.4	105
15	Control of detachment geometry on lateral variations in exhumation rates in the Himalaya: Insights from low-temperature thermochronology and numerical modeling. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	104
16	Role of pre-rift rheology in kinematics of extensional basin formation: constraints from thermomechanical models of Mediterranean and intracratonic basins. <i>Marine and Petroleum Geology</i> , 1995, 12, 793-807.	3.3	98
17	Eocene Tibetan plateau remnants preserved in the northwest Himalaya. <i>Nature Geoscience</i> , 2009, 2, 364-368.	12.9	98
18	Numerical modelling of landscape evolution on geological time scales: a parameter analysis and comparison with the south-eastern highlands of Australia. <i>Basin Research</i> , 1998, 10, 49-68.	2.7	90

#	ARTICLE	IF	CITATIONS
19	Chemical influence on $\alpha$ -recoil damage annealing in apatite: Implications for (U <sup>238</sup> Th)/He dating. <i>Chemical Geology</i> , 2013, 351, 257-267.	3.3	90
20	Morphotectonic evolution of rifted continental margins: Inferences from a coupled tectonic-surface processes model and fission track thermochronology. <i>Tectonics</i> , 1995, 14, 406-421.	2.8	89
21	Syntectonic sedimentation effects on the growth of fold-and-thrust belts. <i>Geology</i> , 2013, 41, 83-86.	4.4	89
22	Exhumation history of the West Kunlun Mountains, northwestern Tibet: Evidence for a long-lived, rejuvenated orogen. <i>Earth and Planetary Science Letters</i> , 2015, 432, 391-403.	4.4	87
23	Tectonic evolution of the Bindura-Shamva greenstone belt (northern Zimbabwe): Progressive deformation around diapiric batholiths. <i>Journal of Structural Geology</i> , 1993, 15, 163-176.	2.3	85
24	Insights in the exhumation history of the NW Zagros from bedrock and detrital apatite fission-track analysis: evidence for a long-lived orogeny. <i>Basin Research</i> , 2010, 22, 659-680.	2.7	84
25	Cooling history of the Gongga batholith: Implications for the Xianshuihe Fault and Miocene kinematics of SE Tibet. <i>Earth and Planetary Science Letters</i> , 2017, 465, 1-15.	4.4	81
26	Cenozoic thermo-tectonic evolution of the northeastern Pamir revealed by zircon and apatite fission-track thermochronology. <i>Tectonophysics</i> , 2013, 589, 17-32.	2.2	80
27	Growth and lateral propagation of fault-related folds in the Siwaliks of western Nepal: Rates, mechanisms, and geomorphic signature. <i>Journal of Geophysical Research</i> , 2002, 107, ETG 2-1.	3.3	78
28	Control of detachment dip on drainage development in regions of active fault-propagation folding. <i>Geology</i> , 2002, 30, 471.	4.4	76
29	Tectonics, exhumation, and drainage evolution of the eastern Himalaya since 13 Ma from detrital geochemistry and thermochronology, Kameng River Section, Arunachal Pradesh. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 523-538.	3.3	76
30	Denudation history of the Malawi and Rukwa Rift flanks (East African Rift System) from apatite fission track thermochronology. <i>Journal of African Earth Sciences</i> , 1998, 26, 363-385.	2.0	73
31	Assessing Quaternary reactivation of the Main Central thrust zone (central Nepal Himalaya): New thermochronologic data and numerical modeling. <i>Geology</i> , 2009, 37, 731-734.	4.4	73
32	Magnetostratigraphy of the Neogene Siwalik Group in the far eastern Himalaya: Kameng section, Arunachal Pradesh, India. <i>Journal of Asian Earth Sciences</i> , 2012, 44, 117-135.	2.3	73
33	Inversion of thermochronological age-elevation profiles to extract independent estimates of denudation and relief history "I": Theory and conceptual model. <i>Earth and Planetary Science Letters</i> , 2010, 295, 511-522.	4.4	72
34	Present-day uplift of the western Alps. <i>Scientific Reports</i> , 2016, 6, 28404.	3.3	72
35	Rapid extensive erosion of the North Alpine foreland basin at 5-4 Ma. <i>Basin Research</i> , 2011, 23, 528-550.	2.7	71
36	Evolution of passive margin escarpments: What can we learn from low-temperature thermochronology?. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	70

#	ARTICLE	IF	CITATIONS
37	Flexural interaction and the dynamics of neogene extensional Basin formation in the Alboran-Betic region. <i>Geo-Marine Letters</i> , 1992, 12, 66-75.	1.1	69
38	The effect of rift shoulder erosion on stratal patterns at passive margins: Implications for sequence stratigraphy. <i>Earth and Planetary Science Letters</i> , 1995, 134, 527-544.	4.4	69
39	Inversion of thermochronological age–elevation profiles to extract independent estimates of denudation and relief history II: Application to the French Western Alps. <i>Earth and Planetary Science Letters</i> , 2010, 296, 9-22.	4.4	69
40	A quantification of the glacial imprint on relief development in the French western Alps. <i>Geomorphology</i> , 2008, 97, 52-72.	2.6	67
41	Spatial correlation bias in late-Cenozoic erosion histories derived from thermochronology. <i>Nature</i> , 2018, 559, 89-93.	27.8	67
42	Lithospheric flexure and the tectonic evolution of the Betic Cordilleras (SE Spain). <i>Tectonophysics</i> , 1992, 203, 325-344.	2.2	64
43	Thick- and thin-skinned deformation rates in the central Zagros simple folded zone (Iran) indicated by displacement of geomorphic surfaces. <i>Geophysical Journal International</i> , 2009, 176, 627-654.	2.4	61
44	Oligocene–Early Miocene Topographic Relief Generation of Southeastern Tibet Triggered by Thrusting. <i>Tectonics</i> , 2019, 38, 374-391.	2.8	61
45	Early Cretaceous denudation related to convergent tectonics in the Baikal region, SE Siberia. <i>Journal of the Geological Society</i> , 1996, 153, 515-523.	2.1	59
46	Cenozoic Landscape Development in the Blue Mountains (SE Australia): Lithological and Tectonic Controls on Rifted Margin Morphology. <i>Journal of Geology</i> , 2001, 109, 35-56.	1.4	59
47	Timing and mechanism of the rise of the Shillong Plateau in the Himalayan foreland. <i>Geology</i> , 2018, 46, 279-282.	4.4	59
48	Controls on post-mid-Cretaceous landscape evolution in the southeastern highlands of Australia: Insights from numerical surface process models. <i>Journal of Geophysical Research</i> , 1999, 104, 4945-4966.	3.3	58
49	Extensional inheritance and surface processes as controlling factors of mountain belt structure. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 9042-9061.	3.4	58
50	Timing and rate of exhumation along the Litang fault system, implication for fault reorganization in Southeast Tibet. <i>Tectonics</i> , 2015, 34, 1219-1243.	2.8	58
51	Flank uplift and topography at the central Baikal Rift (SE Siberia): A test of kinematic models for continental extension. <i>Tectonics</i> , 1997, 16, 122-136.	2.8	56
52	Oligocene–Miocene burial and exhumation of the Southern Pyrenean foreland quantified by low-temperature thermochronology. <i>Journal of the Geological Society</i> , 2013, 170, 67-77.	2.1	55
53	The kinematics of the Zagros Mountains (Iran). <i>Geological Society Special Publication</i> , 2010, 330, 19-42.	1.3	54
54	Late Neogene exhumation and relief development of the Aar and Aiguilles Rouges massifs (Swiss Alps) from low-temperature thermochronology modeling and $^{40}\text{Ar}/^{39}\text{Ar}$ thermochronometry. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	54

#	ARTICLE	IF	CITATIONS
55	Post-orogenic evolution of the southern Pyrenees: constraints from inverse thermo-kinematic modelling of low-temperature thermochronology data. <i>Basin Research</i> , 2012, 24, 418-436.	2.7	54
56	Contrasting tectonically driven exhumation and incision patterns, western versus central Nepal Himalaya. <i>Geology</i> , 2016, 44, 327-330.	4.4	54
57	Permo-Triassic and Jurassic extension in the northern North Sea: results from tectonostratigraphic forward modelling. <i>Geological Society Special Publication</i> , 2000, 167, 83-103.	1.3	53
58	Denudation history and landscape evolution of the northern East-Brazilian continental margin from apatite fission-track thermochronology. <i>Journal of South American Earth Sciences</i> , 2014, 54, 158-181.	1.4	53
59	Snow shielding factors for cosmogenic nuclide dating inferred from long-term neutron detector monitoring. <i>Quaternary Geochronology</i> , 2014, 24, 16-26.	1.4	47
60	Post-Palaeozoic uplift history of southeastern Australia revisited: Results from a process-based model of landscape evolution. <i>Australian Journal of Earth Sciences</i> , 1999, 46, 157-172.	1.0	46
61	Focused Pliocene-Quaternary exhumation of the Eastern Pamir domes, western China. <i>Earth and Planetary Science Letters</i> , 2013, 363, 16-26.	4.4	46
62	Anorogenic granites, magmatic underplating and the origin of intracratonic basins in a non-extensional setting. <i>Tectonophysics</i> , 1993, 226, 285-299.	2.2	45
63	Asynchronous Miocene-Pliocene exhumation of the central Venezuelan Andes. <i>Geology</i> , 2011, 39, 139-142.	4.4	45
64	Cenozoic denudation of Corsica in response to Ligurian and Tyrrhenian extension: Results from apatite fission track thermochronology. <i>Tectonics</i> , 2004, 23, n/a-n/a.	2.8	44
65	Deciphering the driving forces of erosion rates on millennial to million-year timescales in glacially impacted landscapes: An example from the Western Alps. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 1491-1515.	2.8	44
66	Dating bedrock gorge incision in the French Western Alps (Ecrins-Pelvoux massif) using cosmogenic $^{10}\text{Be}$ . <i>Terra Nova</i> , 2010, 22, 18-25.	2.1	42
67	Decoupling of long-term exhumation and short-term erosion rates in the Sikkim Himalaya. <i>Earth and Planetary Science Letters</i> , 2016, 433, 76-88.	4.4	41
68	Tectonics of the Himalaya: an introduction. <i>Geological Society Special Publication</i> , 2015, 412, 1-3.	1.3	40
69	Controls on Cenozoic exhumation of the Tethyan Himalaya from fission-track thermochronology and detrital zircon U-Pb geochronology in the Gyirong basin area, southern Tibet. <i>Tectonics</i> , 2016, 35, 1713-1734.	2.8	40
70	Diachronous late-stage exhumation across the western Alpine arc: constraints from apatite fission-track thermochronology between the Pelvoux and Dora-Maira Massifs. <i>Journal of the Geological Society</i> , 2007, 164, 163-174.	2.1	39
71	Dynamic ups and downs of the Himalaya. <i>Geology</i> , 2014, 42, 839-842.	4.4	38
72	Detrital thermochronology records changing source areas and steady exhumation in the Western European Alps. <i>Geology</i> , 2011, 39, 239-242.	4.4	36

#	ARTICLE	IF	CITATIONS
73	Alpine exhumation of the central Cantabrian Mountains, Northwest Spain. <i>Tectonics</i> , 2016, 35, 339-356.	2.8	36
74	Lateral variations in vegetation in the Himalaya since the Miocene and implications for climate evolution. <i>Earth and Planetary Science Letters</i> , 2017, 471, 1-9.	4.4	36
75	Influence of incision rate, rock strength, and bedload supply on bedrock river gradients and valley-flat widths: Field-based evidence and calibrations from western Alpine rivers (southeast) <a href="#">Tj ETQq1 1 0.784314 rgBT /Overlock 10</a>		
76	Flexural isostatic response of the Alps to increased Quaternary erosion recorded by foreland basin remnants, SE France. <i>Terra Nova</i> , 2008, 20, 213-220.	2.1	35
77	Syntectonic sedimentation controls on the evolution of the southern Pyrenean fold-and-thrust belt: Inferences from coupled tectonic-surface processes models. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 5665-5680.	3.4	34
78	Quantifying the Eocene to Pleistocene topographic evolution of the southwestern Alps, France and Italy. <i>Earth and Planetary Science Letters</i> , 2015, 412, 220-234.	4.4	34
79	Foreland exhumation controlled by crustal thickening in the Western Alps. <i>Geology</i> , 2017, 45, 139-142.	4.4	34
80	Tectonic Control on Rapid Late Miocene-Quaternary Incision of the Mekong River Knickzone, Southeast Tibetan Plateau. <i>Tectonics</i> , 2020, 39, e2019TC005782.	2.8	34
81	Cenozoic unroofing history of the Ladakh Batholith, western Himalaya, constrained by thermochronology and numerical modelling. <i>Journal of the Geological Society</i> , 2009, 166, 667-678.	2.1	33
82	Potentially large post-1505 AD earthquakes in western Nepal revealed by a lake sediment record. <i>Nature Communications</i> , 2019, 10, 2258.	12.8	33
83	Crustal mass budget and recycling during the India/Asia collision. <i>Tectonophysics</i> , 2010, 492, 99-107.	2.2	32
84	The influence of rifting on escarpment migration on high elevation passive continental margins. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	31
85	Reproducibility of Thermal History Reconstruction From Apatite Fission Track and (U-Th)/He Data. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2411-2436.	2.5	31
86	Evolving paleotopography and lithospheric flexure of the Pyrenean Orogen from 3D flexural modeling and basin analysis. <i>Earth and Planetary Science Letters</i> , 2019, 515, 26-37.	4.4	30
87	Syn-rift thermal structure and post-rift evolution of the Oslo Rift (southeast Norway): New constraints from fission track thermochronology. <i>Earth and Planetary Science Letters</i> , 1994, 127, 39-54.	4.4	29
88	Spatial correlation between long-term exhumation rates and present-day forcing parameters in the western European Alps. <i>Geology</i> , 2009, 37, 859-862.	4.4	29
89	Transient sediment supply in a high-altitude Alpine environment evidenced through a $^{10}\text{Be}$ budget of the Etages catchment (French Western Alps). <i>Earth Surface Processes and Landforms</i> , 2014, 39, 890-899.	2.5	29
90	First-order control of syntectonic sedimentation on crustal-scale structure of mountain belts. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 5362-5377.	3.4	29

#	ARTICLE	IF	CITATIONS
91	The detrital record of late-Miocene to Pliocene surface uplift and exhumation of the Venezuelan Andes in the Maracaibo and Barinas foreland basins. <i>Basin Research</i> , 2017, 29, 370-395.	2.7	29
92	The relationship between basin and margin thermal evolution assessed by fission track thermochronology: an application to offshore southern Norway. <i>Basin Research</i> , 1996, 8, 45-63.	2.7	28
93	Strong tectonic and weak climatic control on exhumation rates in the Venezuelan Andes. <i>Lithosphere</i> , 2013, 5, 3-16.	1.4	28
94	Early onset and late acceleration of rapid exhumation in the Namche Barwa syntaxis, eastern Himalaya. <i>Geology</i> , 2020, 48, 1139-1143.	4.4	28
95	Neogene Source-to-Sink Relations between the Pamir and Tarim Basin: Insights from Stratigraphy, Detrital Zircon Geochronology, and Whole-Rock Geochemistry. <i>Journal of Geology</i> , 2014, 122, 433-454.	1.4	27
96	A model for post-orogenic development of a mountain range and its foreland. <i>Basin Research</i> , 2013, 25, 241-259.	2.7	25
97	Improved discrimination of subglacial and periglacial erosion using $^{10}\text{Be}$ concentration measurements in subglacial and supraglacial sediment load of the Bossons glacier (Mont Blanc) <i>Tectonophysics</i> , 2018, 714, 1-14.	4.4	25
98	Downstream evolution of the thermochronologic age signal in the Brahmaputra catchment (eastern Himalaya). <i>Journal of Geology</i> , 2018, 126, 499-511.	4.4	25
99	Extension and magmatism in the Oslo rift, southeast Norway: No sign of a mantle plume. <i>Earth and Planetary Science Letters</i> , 1994, 123, 317-329.	4.4	23
100	The tectonics and paleo-drainage of the easternmost Himalaya (Arunachal Pradesh, India) recorded in the Siwalik rocks of the foreland basin. <i>Numerische Mathematik</i> , 2018, 318, 764-798.	1.4	22
101	Rates and Processes of Active Folding Evidenced by Pleistocene Terraces at the Central Zagros Front (Iran). <i>Frontiers in Earth Sciences</i> , 2007, 5, 267-287.	0.1	22
102	Post-orogenic exhumation in the western Pyrenees: evidence for extension driven by pre-orogenic inheritance. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	22
103	Stable Drainage Pattern and Variable Exhumation in the Western Himalaya since the Middle Miocene. <i>Journal of Geology</i> , 2015, 123, 1-20.	1.4	21
104	Autogenic versus allogenic controls on the evolution of a coupled fluvial megafan mountainous catchment system: numerical modelling and comparison with the Lannemezan megafan system (northern Pyrenees, France). <i>Earth Surface Dynamics</i> , 2017, 5, 125-143.	2.4	21
105	Exhumation and relief development in the Pelvoux and Dora Maira massifs (western Alps) assessed by spectral analysis and inversion of thermochronological age transects. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	20
106	Models of crustal anatexis in volcanic rifts: applications to southern Finland and the Oslo Graben, southeast Norway. <i>Geophysical Journal International</i> , 1998, 132, 239-255.	2.4	17
107	An integrated modelling study of the central and northern Baikal rift: evidence for non-uniform lithospheric thinning?. <i>Tectonophysics</i> , 1998, 291, 101-122.	2.2	17
108	Thermochronological evidence for Mio-Pliocene late orogenic extension in the north-eastern Albanides (Albania). <i>Terra Nova</i> , 2008, 20, 180-187.	2.1	17

#	ARTICLE	IF	CITATIONS
109	Evaluating balanced section restoration with thermochronology data: A case study from the Central Pyrenees. <i>Tectonics</i> , 2014, 33, 617-634.	2.8	17
110	Control of increased sedimentation on orogenic fold-and-thrust belt structure – insights into the evolution of the Western Alps. <i>Solid Earth</i> , 2019, 10, 391-404.	2.8	17
111	Late Paleozoic Ice Age glaciers shaped East Antarctica landscape. <i>Earth and Planetary Science Letters</i> , 2019, 506, 123-133.	4.4	17
112	Growth of Collisional Orogens From Small and Cold to Large and Hot – Inferences From Geodynamic Models. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021168.	3.4	17
113	Controls on Quaternary incision of the Northern Pyrenean foreland: Chronological and geomorphological constraints from the Lannemezan megafan, SW France. <i>Geomorphology</i> , 2017, 281, 78-93.	2.6	15
114	Do along-strike tectonic variations in the Nepal Himalaya reflect different stages in the accretion cycle? Insights from numerical modeling. <i>Earth and Planetary Science Letters</i> , 2017, 472, 299-308.	4.4	15
115	Extracting information on the spatial variability in erosion rate stored in detrital cooling age distributions in river sands. <i>Earth Surface Dynamics</i> , 2018, 6, 257-270.	2.4	14
116	Timing and mechanisms of North Atlantic Cenozoic uplift: evidence for mantle upwelling. <i>Geological Society Special Publication</i> , 2002, 196, 27-43.	1.3	13
117	Low-temperature thermochronologic signature of range-divide migration and breaching in the North Cascades. <i>Lithosphere</i> , 2014, 6, 473-482.	1.4	13
118	Late Pleistocene - Holocene development of the Tista megafan (West Bengal, India): 10Be cosmogenic and IRSL age constraints. <i>Quaternary Science Reviews</i> , 2018, 185, 69-90.	3.0	13
119	Unraveling the Mesozoic and Cenozoic Tectonothermal Evolution of the Eastern Basque-Cantabrian Zone – Western Pyrenees by Low-Temperature Thermochronology. <i>Tectonics</i> , 2019, 38, 3436-3461.	2.8	13
120	Multi-phase late-Neogene exhumation history of the Aar massif, Swiss central Alps. <i>Terra Nova</i> , 2016, 28, 383-393.	2.1	12
121	Shallow marine to fluvial transition in the Siwalik succession of the Kameng River section, Arunachal Himalaya and its implication for foreland basin evolution. <i>Journal of Asian Earth Sciences</i> , 2019, 184, 103980.	2.3	10
122	Contrasting exhumation histories and relief development within the Three Rivers Region (south-east Tibet). <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, e2019JB017000.	2.8	10
123	Bias in detrital fission track grain-age populations: Implications for reconstructing changing erosion rates. <i>Earth and Planetary Science Letters</i> , 2015, 422, 94-104.	4.4	9
124	Weathering regime in the Eastern Himalaya since the mid-Miocene: indications from detrital geochemistry and clay mineralogy of the Kameng River Section, Arunachal Pradesh, India. <i>Basin Research</i> , 2018, 30, 59-74.	2.7	9
125	Weathering in the Himalaya, an East-West Comparison: Indications from Major Elements and Clay Mineralogy. <i>Journal of Geology</i> , 2017, 125, 515-529.	1.4	7
126	Pliocene river capture and incision of the northern Altiplano: Machu Picchu, Peru. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	7



#	ARTICLE	IF	CITATIONS
127	Sediment export in marly badland catchments modulated by frost-cracking intensity, Draix Critical Zone Observatory, SE France. <i>Earth Surface Dynamics</i> , 2022, 10, 81-96.	2.4	7
128	Passive margin uplift around the North Atlantic region and its role in Northern Hemisphere late Cenozoic glaciation: Comment and Reply. <i>Geology</i> , 1997, 25, 282.	4.4	5
129	Preservation of contrasting geothermal gradients across the Caribbean-North America plate boundary (Motagua Fault, Guatemala). <i>Tectonics</i> , 2013, 32, 993-1010.	2.8	5
130	Late Oligocene-early Miocene Origin of the First Bend of the Yangtze River explained by thrusting-induced river reorganization. <i>Geomorphology</i> , 2022, 411, 108303.	2.6	5
131	Reply [to Comment on "Flank uplift and topography at the central Baikal Rift (SE Siberia): A test of kinematic models for continental extension"]. <i>Tectonics</i> , 1998, 17, 324-327.	2.8	3
132	A Fourier approach for estimating and correcting the topographic perturbation of low-temperature thermochronological data. <i>Tectonophysics</i> , 2015, 649, 115-129.	2.2	3
133	Stressed rocks cause big landslides. <i>Nature Geoscience</i> , 2021, 14, 261-262.	12.9	2
134	Thank You to Our 2020 Reviewers. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009697.	2.5	0
135	Thank You to Our 2021 Reviewers. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	0