

Manfred R Strecker

List of Publications by Year in descending order

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193
papers

12,383
citations

18482

62
h-index

30087

103
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196
all docs

196
docs citations

196
times ranked

8571
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Late Pleistocene climate variability on paleo-erosion rates in the western Himalaya. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117326.	4.4	5
2	Sediment provenance and silicic volcano-tectonic evolution of the northern East African Rift System from U/Pb and (U-Th)/He laser ablation double dating of detrital zircons. <i>Earth and Planetary Science Letters</i> , 2022, 580, 117375.	4.4	5
3	Mid-Pleistocene to Recent Crustal Extension in the Inner Graben of the Northern Kenya Rift. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	3
4	Long-Term Lithospheric Strength and Upper-Plate Seismicity in the Southern Central Andes, 29°–39°S. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	10
5	Geomorphic expression of a tectonically active rift-transfer zone in southern Ethiopia. <i>Geomorphology</i> , 2022, 403, 108162.	2.6	3
6	Controls of the Lithospheric Thermal Field of an Ocean-Continent Subduction Zone: The Southern Central Andes. <i>Lithosphere</i> , 2022, 2022, .	1.4	3
7	The cryptic seismic potential of the Pichilemu blind fault in Chile revealed by off-fault geomorphology. <i>Nature Communications</i> , 2022, 13, .	12.8	4
8	Lithospheric density structure of the southern Central Andes constrained by 3D data-integrative gravity modelling. <i>International Journal of Earth Sciences</i> , 2021, 110, 2333-2359.	1.8	12
9	Late Pleistocene to Recent Deformation in the Thick-Skinned Fold-and-Thrust Belt of Northwestern Argentina (Central Calchaquá Valley, 26°S). <i>Tectonics</i> , 2021, 40, e2020TC006394.	2.8	2
10	Development of an incipient Paleogene topography between the present-day Eastern Andean Plateau (Puna) and the Eastern Cordillera, southern Central Andes, NW Argentina. <i>Basin Research</i> , 2021, 33, 1194-1217.	2.7	14
11	The influence of variations in crustal composition and lithospheric strength on the evolution of deformation processes in the southern Central Andes: insights from geodynamic models. <i>International Journal of Earth Sciences</i> , 2021, 110, 2361-2384.	1.8	8
12	Fast Holocene slip and localized strain along the Liquiñe-Ofqui strike-slip fault system, Chile. <i>Scientific Reports</i> , 2021, 11, 5970.	3.3	18
13	Pronounced increase in slope instability linked to global warming: A case study from the eastern European Alps. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 1328-1347.	2.5	40
14	Controls on Asymmetric Rift Dynamics: Numerical Modeling of Strain Localization and Fault Evolution in the Kenya Rift. <i>Tectonics</i> , 2021, 40, e2020TC006553.	2.8	15
15	Distribution of Temperature and Strength in the Central Andean Lithosphere and Its Relationship to Seismicity and Active Deformation. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021231.	3.4	11
16	Marine terraces of the last interglacial period along the Pacific coast of South America (1°–40°S). <i>Earth System Science Data</i> , 2021, 13, 2487-2513.	9.9	10
17	Quantifying Tectonic and Glacial Controls on Topography in the Patagonian Andes (46.5°S) From Integrated Thermochronometry and Thermo-Kinematic Modeling. <i>Journal of Geophysical Research: Earth Surface</i> , 2021, 126, e2020JF005993.	2.8	6
18	From Proterozoic tectonics to Quaternary climate variability: Earth system science studies in Latin America. <i>International Journal of Earth Sciences</i> , 2021, 110, 2269-2271.	1.8	0

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19	Lithospheric strength variations and seismotectonic segmentation below the Sea of Marmara. <i>Tectonophysics</i> , 2021, 815, 228999.	2.2	2
20	Local effects on soil leaf wax hydrogen isotopes along a west to east transect through the Pamirs, Tajikistan. <i>Organic Geochemistry</i> , 2021, 160, 104272.	1.8	1
21	Glacial Catchment Erosion From Detrital Zircon (U ²³⁵ Th)/He Thermochronology: Patagonian Andes. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006141.	2.8	1
22	The Pamir Frontal Thrust Fault: Holocene Full-Segment Ruptures and Implications for Complex Segment Interactions in a Continental Collision Zone. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022405.	3.4	6
23	Identification of Debris-Flow Channels Using High-Resolution Topographic Data: A Case Study in the Quebrada del Toro, NW Argentina. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006330.	2.8	4
24	Continental rifting at magmatic centres: structural implications from the Late Quaternary Menengai Caldera, central Kenya Rift. <i>Journal of the Geological Society</i> , 2020, 177, 153-169.	2.1	14
25	Episodic out-of-sequence deformation promoted by Cenozoic fault reactivation in NW Argentina. <i>Tectonophysics</i> , 2020, 776, 228276.	2.2	19
26	Validation and calibration of soil ² H and brGDGTs along (E-W) and strike (N-S) of the Himalayan climatic gradient. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 290, 408-423.	3.9	6
27	Temperature and precipitation in the southern Central Andes during the last glacial maximum, Heinrich Stadial 1, and the Younger Dryas. <i>Quaternary Science Reviews</i> , 2020, 248, 106592.	3.0	7
28	Corrigendum to "Role of climate and vegetation density in modulating denudation rates in the Himalaya" [Earth Planet. Sci. Lett. 445 (2016) 57-67]. <i>Earth and Planetary Science Letters</i> , 2020, 540, 116252.	4.4	1
29	Neotectonic Activity in the Low-Strain Broken Foreland (Santa Bárbara System) of the North-Western Argentinean Andes (26°S). <i>Lithosphere</i> , 2020, 2020, .	1.4	11
30	Victoria continental microplate dynamics controlled by the lithospheric strength distribution of the East African Rift. <i>Nature Communications</i> , 2020, 11, 2881.	12.8	33
31	Late Cenozoic topographic evolution of the Eastern Cordillera and Puna Plateau margin in the southern Central Andes (NW Argentina). <i>Earth and Planetary Science Letters</i> , 2020, 535, 116112.	4.4	25
32	Interactions between main channels and tributary alluvial fans: channel adjustments and sediment-signal propagation. <i>Earth Surface Dynamics</i> , 2020, 8, 303-322.	2.4	16
33	Late Quaternary tectonics controlled by fault reactivation. Insights from a local transpressional system in the intermontane Lerma valley, Cordillera Oriental, NW Argentina. <i>Journal of Structural Geology</i> , 2019, 128, 103875.	2.3	12
34	3-D crustal density model of the Sea of Marmara. <i>Solid Earth</i> , 2019, 10, 785-807.	2.8	7
35	Hidden Holocene Slip Along the Coastal El Yolki Fault in Central Chile and Its Possible Link With Megathrust Earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 7280-7302.	3.4	10
36	Deep-seated gravitational slope deformation (DSCSD) and slow-moving landslides in the southern Tien Shan Mountains: new insights from InSAR, tectonic and geomorphic analysis. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2333-2348.	2.5	14

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37	Pliocene–Pleistocene orographic control on denudation in northwest Argentina. <i>Geology</i> , 2019, 47, 359-362.	4.4	13
38	Miocene to Quaternary basin evolution at the southeastern Andean Plateau (Puna) margin (ca. 24°S). <i>Geology</i> , 2019, 47, 1077-1081.	2.7	15
39	TerraceM-2: A Matlab® Interface for Mapping and Modeling Marine and Lacustrine Terraces. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	22
40	Sedimentary loading–unloading cycles and faulting in intermontane basins: Insights from numerical modeling and field observations in the NW Argentine Andes. <i>Earth and Planetary Science Letters</i> , 2019, 506, 388-396.	4.4	28
41	Timing of past glaciation at the Sierra de Aconquija, northwestern Argentina, and throughout the Central Andes. <i>Quaternary Science Reviews</i> , 2019, 204, 37-57.	3.0	28
42	Early anthropogenic impact on Western Central African rainforests 2,600 y ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3261-3266.	7.1	83
43	Crustal Structure of the Andean Foreland in Northern Argentina: Results From Data-Integrative Three-Dimensional Density Modeling. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 1875-1903.	3.4	11
44	Synsedimentary broken foreland tectonics during the Paleogene in the Andes of NW Argentina: new evidence from regional to centimetre-scale deformation features. <i>Basin Research</i> , 2018, 30, 142-159.	2.7	22
45	Historical coseismic surface deformation of fluvial gravel deposits, Schafberg fault, Lower Rhine Graben, Germany. <i>International Journal of Earth Sciences</i> , 2018, 107, 571-585.	1.8	14
46	Quaternary uplift of the northern margin of the Central Anatolian Plateau: New OSL dates of fluvial and delta-terrace deposits of the Kızılırmak River, Black Sea coast, Turkey. <i>Quaternary Science Reviews</i> , 2018, 201, 446-469.	3.0	19
47	Multiple Exhumation Phases in the Central Pontides (N Turkey): New Temporal Constraints on Major Geodynamic Changes Associated With the Closure of the Tethys Ocean. <i>Tectonics</i> , 2018, 37, 1831-1857.	2.8	25
48	Variability of the geothermal gradient across two differently aged magma-rich continental rifted margins of the Atlantic Ocean: the Southwest African and the Norwegian margins. <i>Solid Earth</i> , 2018, 9, 139-158.	2.8	12
49	Segmentation of the Main Himalayan Thrust Revealed by Low-Temperature Thermochronometry in the Western Indian Himalaya. <i>Tectonics</i> , 2018, 37, 2710-2726.	2.8	14
50	Reply to Giresse et al.: No evidence for climate variability during the late Holocene rainforest crisis in Western Central Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6674-E6675.	7.1	3
51	Effects of deep-seated versus shallow hillslope processes on cosmogenic ¹⁰ Be concentrations in fluvial sand and gravel. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 3086-3098.	2.5	22
52	Reply to Clist et al.: Human activity is the most probable trigger of the late Holocene rainforest crisis in Western Central Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4735-E4736.	7.1	3
53	Tectono-sedimentary evolution of the northern Iranian Plateau: insights from middle-late Miocene foreland-basin deposits. <i>Basin Research</i> , 2017, 29, 417-446.	2.7	46
54	Rainfall variability and trends of the past six decades (1950–2014) in the subtropical NW Argentine Andes. <i>Climate Dynamics</i> , 2017, 48, 1049-1067.	3.8	33

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55	Sedimentary evidence for late Messinian uplift of the <sc>SE</sc> margin of the Central Anatolian Plateau: Adana Basin, southern Turkey. <i>Basin Research</i> , 2017, 29, 488-514.	2.7	25
56	Controls on intermontane basin filling, isolation and incision on the margin of the Puna Plateau, <sc>NW</sc> Argentina (~23°S). <i>Basin Research</i> , 2017, 29, 131-155.	2.7	26
57	Lake overflow and onset of fluvial incision in the Iranian Plateau: Insights from the Mianeh Basin. <i>Earth and Planetary Science Letters</i> , 2017, 469, 135-147.	4.4	31
58	Short-lived increase in erosion during the African Humid Period: Evidence from the northern Kenya Rift. <i>Earth and Planetary Science Letters</i> , 2017, 459, 58-69.	4.4	27
59	Quantifying offshore forearc deformation and splay fault slip using drowned Pleistocene shorelines, Arauco Bay, Chile. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 4529-4558.	3.4	29
60	100 kyr fluvial cut-and-fill terrace cycles since the Middle Pleistocene in the southern Central Andes, NW Argentina. <i>Earth and Planetary Science Letters</i> , 2017, 473, 141-153.	4.4	59
61	Slip along the Sultanhanı Fault in Central Anatolia from deformed Pleistocene shorelines of palaeo-lake Konya and implications for seismic hazards in low-strain regions. <i>Geophysical Journal International</i> , 2017, 209, 1431-1454.	2.4	17
62	Oscillations and trends of river discharge in the southern Central Andes and linkages with climate variability. <i>Journal of Hydrology</i> , 2017, 555, 108-124.	5.4	18
63	Corrigendum to "Short-lived increase in erosion during the African Humid Period: Evidence from the northern Kenya Rift" [Earth Planet. Sci. Lett. 459 (2017) 58-69]. <i>Earth and Planetary Science Letters</i> , 2017, 474, 528.	4.4	0
64	Immediate propagation of deglacial environmental change to deep-marine turbidite systems along the Chile convergent margin. <i>Earth and Planetary Science Letters</i> , 2017, 473, 190-204.	4.4	24
65	Active faulting in a populated low-strain setting (Lower Rhine Graben, Central Europe) identified by geomorphic, geophysical and geological analysis. <i>Geological Society Special Publication</i> , 2017, 432, 127-146.	1.3	8
66	Precipitation evolution of Central Asia during the last 5000 years. <i>Holocene</i> , 2017, 27, 142-154.	1.7	75
67	Paleoseismic Record of Three Holocene Earthquakes Rupturing the Issyk-Ata Fault near Bishkek, North Kyrgyzstan. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 2721-2737.	2.3	10
68	The Kenya rift revisited: insights into lithospheric strength through data-driven 3-D gravity and thermal modelling. <i>Solid Earth</i> , 2017, 8, 45-81.	2.8	47
69	Tectonic control on rock uplift, exhumation, and topography above an oceanic ridge collision: Southern Patagonian Andes (47°S), Chile. <i>Tectonics</i> , 2016, 35, 1317-1341.	2.8	43
70	Climate-driven sediment aggradation and incision since the late Pleistocene in the NW Himalaya, India. <i>Earth and Planetary Science Letters</i> , 2016, 449, 321-331.	4.4	50
71	Repeated large-magnitude earthquakes in a tectonically active, low-strain continental interior: The northern Tien Shan, Kyrgyzstan. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 3888-3910.	3.4	24
72	Role of climate and vegetation density in modulating denudation rates in the Himalaya. <i>Earth and Planetary Science Letters</i> , 2016, 445, 57-67.	4.4	51

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73	Spatio-temporal trends in normal-fault segmentation recorded by low-temperature thermochronology: Livingstone fault scarp, Malawi Rift, East African Rift System. <i>Earth and Planetary Science Letters</i> , 2016, 455, 62-72.	4.4	26
74	Climatic controls on debris-flow activity and sediment aggradation: The Del Medio fan, NW Argentina. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 2424-2445.	2.8	18
75	River-discharge dynamics in the Southern Central Andes and the 1976-77 global climate shift. <i>Geophysical Research Letters</i> , 2016, 43, 11,679.	4.0	18
76	Elevation-dependent changes in n-alkane δD and soil GDGTs across the South Central Andes. <i>Earth and Planetary Science Letters</i> , 2016, 453, 234-242.	4.4	29
77	Stratigraphic architecture of the upper Messinian deposits of the Adana Basin (Southern Turkey): implications for the Messinian salinity crisis and the Taurus petroleum system. <i>Italian Journal of Geosciences</i> , 2016, 135, 408-424.	0.8	12
78	Holocene internal shortening within the northwest Sub-Himalaya: Out-of-sequence faulting of the Jwalamukhi Thrust, India. <i>Tectonics</i> , 2016, 35, 2677-2697.	2.8	36
79	Rapid Last Glacial Maximum deglaciation in the Indian Himalaya coeval with midlatitude glaciers: New insights from ^{10}Be -dating of ice-polished bedrock surfaces in the Chandra Valley, NW Himalaya. <i>Geophysical Research Letters</i> , 2016, 43, 1589-1597.	4.0	42
80	Landscape response to late Pleistocene climate change in NW Argentina: Sediment flux modulated by basin geometry and connectivity. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 392-414.	2.8	42
81	Surface uplift and convective rainfall along the southern Central Andes (Angastaco Basin, NW) $T_j ETQq1 1 0.784314 \mu gBT / Overlock 1$	4.4	37
82	Shelfal sediment transport by an undercurrent forces turbidity-current activity during high sea level along the Chile continental margin. <i>Geology</i> , 2016, 44, 295-298.	4.4	28
83	TerraceM: A MATLAB® tool to analyze marine and lacustrine terraces using high-resolution topography. <i>Geology</i> , 2016, 44, 176-195.		31
84	Cenozoic extension in the Kenya Rift from low-temperature thermochronology: Links to diachronous spatiotemporal evolution of rifting in East Africa. <i>Tectonics</i> , 2015, 34, 2367-2386.	2.8	28
85	Turbidite paleoseismology along the active continental margin of Chile - Feasible or not?. <i>Quaternary Science Reviews</i> , 2015, 120, 71-92.	3.0	26
86	Segmentation of the 2010 Maule Chile earthquake rupture from a joint analysis of uplifted marine terraces and seismic-cycle deformation patterns. <i>Quaternary Science Reviews</i> , 2015, 113, 171-192.	3.0	50
87	The growth of a mountain belt forced by base-level fall: Tectonics and surface processes during the evolution of the Alborz Mountains, N Iran. <i>Earth and Planetary Science Letters</i> , 2015, 425, 204-218.	4.4	47
88	Controls on submarine canyon activity during sea-level highstands: The Biobío canyon system offshore Chile. <i>Geology</i> , 2015, 43, 1226-1255.		40
89	A 17-My-old whale constrains onset of uplift and climate change in east Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3910-3915.	7.1	61
90	Increased late Pleistocene erosion rates during fluvial aggradation in the Garhwal Himalaya, northern India. <i>Earth and Planetary Science Letters</i> , 2015, 428, 255-266.	4.4	67

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91	Effect of vegetation cover on millennial-scale landscape denudation rates in East Africa. <i>Lithosphere</i> , 2015, 7, 408-420.	1.4	58
92	Tectonic control on ^{10}Be -derived erosion rates in the Garhwal Himalaya, India. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 83-105.	2.8	141
93	Can stable isotopes ride out the storms? The role of convection for water isotopes in models, records, and paleoaltimetry studies in the central Andes. <i>Earth and Planetary Science Letters</i> , 2014, 407, 187-195.	4.4	72
94	Assessing tectonic and climatic causal mechanisms in foreland basin stratal architecture: insights from the Alborz Mountains, northern Iran. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 110-125.	2.5	21
95	Local high relief at the southern margin of the Andean plateau by 9 Ma: evidence from ignimbritic valley fills and river incision. <i>Terra Nova</i> , 2014, 26, 454-460.	2.1	18
96	Neogene paleoelevation of intermontane basins in a narrow, compressional mountain range, southern Central Andes of Argentina. <i>Earth and Planetary Science Letters</i> , 2014, 406, 153-164.	4.4	37
97	Pliocene orographic barrier uplift in the southern Central Andes. <i>Geology</i> , 2014, 42, 691-694.	4.4	46
98	Glacial morphology in the Chinese Pamir: Connections among climate, erosion, topography, lithology and exhumation. <i>Geomorphology</i> , 2014, 221, 1-17.	2.6	12
99	Sea level and climate forcing of the Sr isotope composition of late Mediterranean marine basins. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2964-2983.	2.5	42
100	Segmented seismicity of the M_w 6.2 Baladeh earthquake sequence (Alborz Mountains, Iran) revealed from regional moment tensors. <i>Journal of Seismology</i> , 2013, 17, 925-959.	1.3	18
101	Middle Eocene-Oligocene foreland evolution in the Andean Calchaqui Valley, NW Argentina: insights from stratigraphic, structural and provenance studies. <i>Basin Research</i> , 2013, 25, 574-593.	2.7	68
102	Tectonic implications of fluvial incision and pediment deformation at the northern margin of the Central Anatolian Plateau based on multiple cosmogenic nuclides. <i>Tectonics</i> , 2013, 32, 1107-1120.	2.8	30
103	Differential uplift along the northern margin of the Central Anatolian Plateau: inferences from marine terraces. <i>Quaternary Science Reviews</i> , 2013, 81, 12-28.	3.0	46
104	Oceanic-style subduction controls late Cenozoic deformation of the Northern Pamir orogen. <i>Earth and Planetary Science Letters</i> , 2013, 363, 204-218.	4.4	131
105	Accommodation of transpressional strain in the Arabia-Eurasia collision zone: new constraints from $(\text{U-Th})/\text{He}$ thermochronology in the Alborz mountains, north Iran. <i>Tectonics</i> , 2013, 32, 1-18.	2.8	114
106	Late Cenozoic extension and crustal doming in the India-Eurasia collision zone: New thermochronologic constraints from the NE Chinese Pamir. <i>Tectonics</i> , 2013, 32, 763-779.	2.8	58
107	Neotectonic basin and landscape evolution in the Eastern Cordillera of NW Argentina, Humahuaca Basin ($\sim 24^\circ\text{S}$). <i>Basin Research</i> , 2013, 25, 554-573.	2.7	48
108	Large surface velocity fluctuations of Biafo Glacier, central Karakoram, at high spatial and temporal resolution from optical satellite images. <i>Journal of Glaciology</i> , 2012, 58, 569-580.	2.2	53

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109	Spatiotemporal trends in erosion rates across a pronounced rainfall gradient: Examples from the southern Central Andes. <i>Earth and Planetary Science Letters</i> , 2012, 327-328, 97-110.	4.4	183
110	Steady rifting in northern Kenya inferred from deformed Holocene lake shorelines of the Suguta and Turkana basins. <i>Earth and Planetary Science Letters</i> , 2012, 331-332, 335-346.	4.4	37
111	Arabia-Eurasia continental collision: Insights from late Tertiary foreland-basin evolution in the Alborz Mountains, northern Iran. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 106-131.	3.3	244
112	Neogene to Quaternary broken foreland formation and sedimentation dynamics in the Andes of NW Argentina (25°S). <i>Tectonics</i> , 2011, 30, .	2.8	86
113	Late Neogene and active orogenic uplift in the Central Pontides associated with the North Anatolian Fault: Implications for the northern margin of the Central Anatolian Plateau, Turkey. <i>Tectonics</i> , 2011, 30, .	2.8	66
114	Late Miocene–Pliocene deceleration of dextral slip between Pamir and Tarim: Implications for Pamir orogenesis. <i>Earth and Planetary Science Letters</i> , 2011, 304, 369-378.	4.4	133
115	Spatially variable response of Himalayan glaciers to climate change affected by debris cover. <i>Nature Geoscience</i> , 2011, 4, 156-159.	12.9	812
116	The Mid-Miocene East African Plateau: a pre-rift topographic model inferred from the emplacement of the phonolitic Yatta lava flow, Kenya. <i>Geological Society Special Publication</i> , 2011, 357, 285-300.	1.3	19
117	Late Miocene–early Pliocene onset of N–S extension along the southern margin of the Central Andean Puna Plateau: Evidence from magmatic, geochronological and structural observations. <i>Tectonophysics</i> , 2010, 494, 48-63.	2.2	42
118	The topographic imprint of a transient climate episode: the western Andean flank between 15°S and 41°S. <i>Earth Surface Processes and Landforms</i> , 2010, 35, 1516-1534.	2.5	23
119	Tectonic controls on Cenozoic foreland basin development in the north-eastern Andes, Colombia. <i>Basin Research</i> , 2010, 22, 874-903.	2.7	50
120	Evidence for middle Miocene uplift of the East African Plateau. <i>Geology</i> , 2010, 38, 543-546.	4.4	76
121	Late Miocene climate variability and surface elevation in the central Andes. <i>Earth and Planetary Science Letters</i> , 2010, 290, 173-182.	4.4	106
122	Middle to late Miocene Middle Eastern climate from stable oxygen and carbon isotope data, southern Alborz mountains, N Iran. <i>Earth and Planetary Science Letters</i> , 2010, 300, 125-138.	4.4	88
123	Timing and extent of late Quaternary glaciation in the western Himalaya constrained by ¹⁰ Be moraine dating in Garhwal, India. <i>Quaternary Science Reviews</i> , 2010, 29, 815-831.	3.0	82
124	Human evolution in a variable environment: the amplifier lakes of Eastern Africa. <i>Quaternary Science Reviews</i> , 2010, 29, 2981-2988.	3.0	196
125	The stable isotope altimeter: Do Quaternary pedogenic carbonates predict modern elevations?. <i>Geology</i> , 2009, 37, 1015-1018.	4.4	39
126	Recurrence of Large Earthquakes in Magmatic Continental Rifts: Insights from a Paleoseismic Study along the Laikipia-Marmanet Fault, Subukia Valley, Kenya Rift. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 61-70.	2.3	28

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127	Fault-kinematic and geomorphic observations along the North Tehran Thrust and Mosha Fasham Fault, Alborz mountains Iran: implications for fault-system evolution and interaction in a changing tectonic regime. <i>Geophysical Journal International</i> , 2009, 177, 676-690.	2.4	54
128	The role of inherited extensional fault segmentation and linkage in contractional orogenesis: a reconstruction of Lower Cretaceous inverted rift basins in the Eastern Cordillera of Colombia. <i>Basin Research</i> , 2009, 21, 111-137.	2.7	87
129	Unsteady evolution of the Bolivian Subandean thrust belt: The role of enhanced erosion and clastic wedge progradation. <i>Earth and Planetary Science Letters</i> , 2009, 281, 134-146.	4.4	74
130	Late Pleistocene–Holocene rise and collapse of Lake Suguta, northern Kenya Rift. <i>Quaternary Science Reviews</i> , 2009, 28, 911-925.	3.0	81
131	Orogenic wedge advance in the northern Andes: Evidence from the Oligocene-Miocene sedimentary record of the Medina Basin, Eastern Cordillera, Colombia. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 780-800.	3.3	106
132	Erosional variability along the northwest Himalaya. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	94
133	Normal faulting along the southern margin of the Puna Plateau, northwest Argentina. <i>Tectonics</i> , 2009, 28, .	2.8	50
134	Segmentation of megathrust rupture zones from forearc deformation patterns over hundreds to millions of years, Arauco peninsula, Chile. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	167
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