

Butte detachment: how pre-rift geological structure and escarpment evolution at rifted continental margins

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Citation Report

#	ARTICLE	IF	CITATIONS
1	An automated method for producing synoptic regional maps of river gradient variation: Procedure, accuracy tests, and comparison with other knickpoint mapping methods. <i>Geomorphology</i> , 2011, 134, 394-407.	2.6	22
2	Post-rift reactivation of the onshore margin of southeast Brazil: Evidence from apatite (U ²³⁸ Th)/He and fission-track data. <i>Earth and Planetary Science Letters</i> , 2011, 309, 118-130.	4.4	96
3	Stream capture as driver of transient landscape evolution in a tectonically quiescent setting. <i>Geology</i> , 2011, 39, 823-826.	4.4	96
4	The influence of rifting on escarpment migration on high elevation passive continental margins. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	31
5	Evidence of transient topographic disequilibrium in a landward passive margin river system: knickpoints and paleo-landscapes of the New River basin, southern Appalachians. <i>Earth Surface Processes and Landforms</i> , 2013, 38, 1685-1699.	2.5	34
6	Neogene rejuvenation of central Appalachian topography: Evidence for differential rock uplift from stream profiles and erosion rates. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 1-12.	4.4	143
7	High magnitude and rapid incision from river capture: Rhine River, Switzerland. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 1060-1084.	2.8	57
8	Linking offshore stratigraphy to onshore paleotopography: The Late Jurassic-Paleocene evolution of the south Norwegian margin. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 1164-1186.	3.3	34
9	Low rates of bedrock outcrop erosion in the central Appalachian Mountains inferred from in situ ¹⁰ Be. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 201-215.	3.3	41
10	Denudation and retreat of the Serra do Mar escarpment in southern Brazil derived from in situ ¹⁰ Be concentration in river sediment. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 311-319.	2.5	28
11	Numerical modeling of spatially-variable precipitation and passive margin escarpment evolution. <i>Geomorphology</i> , 2014, 207, 203-212.	2.6	48
12	Phanerozoic surface history of southern Peninsular India from apatite (U ²³⁸ Th)/He data. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3626-3648.	2.5	8
13	Spatial variability of ¹⁰ Be-derived erosion rates across the southern Peninsular Indian escarpment: A key to landscape evolution across passive margins. <i>Earth and Planetary Science Letters</i> , 2015, 425, 154-167.	4.4	67
14	Erosional and depositional history of the Atlantic passive margin as recorded in detrital zircon fission-track ages and lithic detritus in Atlantic Coastal plain sediments. <i>Numerische Mathematik</i> , 2016, 316, 110-168.	1.4	24
15	Cenozoic epeirogeny of the Indian peninsula. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 4920-4954.	2.5	35
16	Very long-term stability of passive margin escarpment constrained by ⁴⁰ Ar/ ³⁹ Ar dating of K-Mn oxides. <i>Geology</i> , 2016, 44, 299-302.	4.4	33
17	Relief evolution of the Continental Rift of Southeast Brazil revealed by in situ-produced ¹⁰ Be concentrations in river-borne sediments. <i>Journal of South American Earth Sciences</i> , 2016, 67, 89-99.	1.4	27
18	Geomorphologic fluvial markers reveal transient landscape evolution in tectonically quiescent southern Peninsular India. <i>Geological Journal</i> , 2017, 52, 681-702.	1.3	15

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20	A quantitative analysis of transtensional margin width. <i>Earth and Planetary Science Letters</i> , 2018, 491, 95-108.	4.4	26
21	Advances in global mountain geomorphology. <i>Geomorphology</i> , 2018, 308, 230-264.	2.6	24
22	Lithologic controls on landscape dynamics and aquatic species evolution in post-orogenic mountains. <i>Earth and Planetary Science Letters</i> , 2018, 493, 150-160.	4.4	110
23	A review of numerical modeling studies of passive margin escarpments leading to a new analytical expression for the rate of escarpment migration velocity. <i>Gondwana Research</i> , 2018, 53, 209-224.	6.0	61
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26	Controls on the erosion of the continental margin of southeast Brazil from cosmogenic ¹⁰ Be in river sediments. <i>Geomorphology</i> , 2019, 330, 163-176.	2.6	11
27	Base Level and Lithologic Control of Drainage Reorganization in the Sierra de las Planchadas, NW Argentina. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 1516-1539.	2.8	17
28	New insights from low-temperature thermochronology into the tectonic and geomorphologic evolution of the south-eastern Brazilian highlands and passive margin. <i>Geoscience Frontiers</i> , 2020, 11, 303-324.	8.4	27
29	Role of inherent geological and climatic characteristics on landscape variability in the tectonically passive Western Ghat, India. <i>Geomorphology</i> , 2020, 350, 106840.	2.6	14
30	Impact of drainage integration on basin geomorphology and landform evolution: A case study along the Salt and Verde rivers, Sonoran Desert, USA. <i>Geomorphology</i> , 2020, 371, 107439.	2.6	13
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32	Flood susceptibility mapping of the Western Ghat coastal belt using multi-source geospatial data and analytical hierarchy process (AHP). <i>Remote Sensing Applications: Society and Environment</i> , 2020, 20, 100379.	1.5	74
33	Process inference from topographic fractal characteristics in the tectonically active Northwest Himalaya, India. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 3572-3591.	2.5	12
34	Temporal and spatial denudation trends in the continental margin of southeastern Brazil. <i>Journal of South American Earth Sciences</i> , 2021, 105, 102931.	1.4	11
35	Beyond the Long Profile. , 2022, , 22-52.		4
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37	Integrating water-classified returns in DTM generation to increase accuracy of stream delineations and geomorphic analyses. <i>Geomorphology</i> , 2021, 385, 107722.	2.6	3
38	Drainage Reorganization Across the Puna Plateau Margin (NW Argentina): Implications for the Preservation of Orogenic Plateaus. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006147.	2.8	1
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45	Drainage integration in extensional tectonic settings. <i>Geomorphology</i> , 2022, 399, 108082.	2.6	2
46	Insights on the growth and mobility of debris flows from repeat high-resolution lidar. <i>Landslides</i> , 0, , 1.	5.4	3
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48	Topography and rainfall coupled landscape evolution of the passive margin of Sahyadri (Western) Tj ETQq1 1 0.784314 rgBT 3/Overlo	3.2	3
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56	On a new colorful species of <i>Moenkhausia</i> (Characiformes: Characidae) from the upper rio Madeira basin at the Chapada dos Parecis, Brazil, with comments on its conservation and putative biogeographic history. <i>Journal of Fish Biology</i> , 0, , .	1.6	0
57	Evolution of the Eastern Red Sea Rifted margin: morphology, uplift processes and source-to-sink dynamics. <i>Earth-Science Reviews</i> , 2024, 250, 104698.	9.1	0
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