Erosional and depositional history of the Atlantic passiv zircon fission-track ages and lithic detritus in Atlantic C

Numerische Mathematik

316, 110-168

DOI: 10.2475/02.2016.02

Citation Report

#	Article	IF	Citations
1	Rates of erosion and landscape change along the Blue Ridge escarpment, southern Appalachian Mountains, estimated from in situ cosmogenic ¹⁰Be. Earth Surface Processes and Landforms, 2017, 42, 928-940.	2.5	22
2	Lithologic controls on landscape dynamics and aquatic species evolution in post-orogenic mountains. Earth and Planetary Science Letters, 2018, 493, 150-160.	4.4	110
3	Exogenic forcing and autogenic processes on continental divide location and mobility. Basin Research, 2018, 30, 344-369.	2.7	17
4	Continentalâ€Scale Landscape Evolution: A History of North American Topography. Journal of Geophysical Research F: Earth Surface, 2019, 124, 2689-2722.	2.8	23
5	Erosion rates and sediment flux within the Potomac River basin quantified over millennial timescales using beryllium isotopes. Bulletin of the Geological Society of America, 2019, 131, 1295-1311.	3.3	25
6	Benefits of a Multiproxy Approach to Detrital Mineral Provenance Analysis: An Example from the Merrimack River, New England, USA. Geochemistry, Geophysics, Geosystems, 2019, 20, 1557-1573.	2.5	14
7	Postâ€orogenic thermal history and exhumation of the northern Appalachian Basin: Lowâ€temperature thermochronologic constraints. Basin Research, 2019, 31, 1017-1039.	2.7	7
8	Photoluminescence Imaging of Whole Zircon Grains on a Petrographic Microscopeâ€”An Underused Aide for Geochronologic Studies. Minerals (Basel, Switzerland), 2020, 10, 876.	2.0	5
9	Persistence of Grenvillian dominance in Laurentian detrital zircon age systematics explained by sedimentary recycling: Evidence from detrital zircon double dating and detrital monazite textures and geochronology. Geology, 2020, 48, 792-797.	4.4	20
10	Geochronology of calciteâ€filled joints, southeast Canada: Insight into Late Cretaceous deformation of eastern North America. Terra Nova, 2020, 32, 425-433.	2.1	3
11	Rheology of a coaxial shear zone in the Virginia Blue Ridge: Wet quartzite dislocation creep at ~250â€“280ÂÂ°C. Journal of Structural Geology, 2020, 140, 104109.	2.3	4
12	Episodic exhumation of the Appalachian orogen in the Catskill Mountains (New York State, USA). Geology, 2021, 49, 571-575.	4.4	5
13	Spatially variable syn- and post-Alleghanian exhumation of the central Appalachian Mountains from zircon (U-Th)/He thermochronology. , 2021, 17, 1151-1169.		3
14	Evaluating Models for Lithospheric Loss and Intraplate Volcanism Beneath the Central Appalachian Mountains. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022571.	3.4	9
15	Fission-Track Analysis: Field Collection, Sample Preparation and Data Acquisition. Springer Textbooks in Earth Sciences, Geography and Environment, 2019, , 25-48.	0.3	30
16	Burial History Reconstruction of the Appalachian Basin in Kentucky, West Virginia, Pennsylvania, and New York, Using 1D Petroleum System Models. The Mountain Geologist, 2019, 56, 365-396.	0.3	3
17	U-Pb and fission-track data from zircon and apatite resolve latest- and post-Alleghanian thermal histories along the Fall Line of the Atlantic margin of the southeastern United States. , 2022, 18, 1330-1353.		1
18	Geomorphic complexity and the case for topographic rejuvenation of the Appalachian Mountains. Geomorphology, 2022, 417, 108449.	2.6	6

#	Article	IF	Citations
19	Transformation of eastern North America from compression to extension in the Permianâ€“Triassic. , 2022, , .		0
20	Defining the Timing, Extent, and Conditions of Paleozoic Metamorphism in the Southern Appalachian Blue Ridge Terranes of Tennessee, North Carolina, and Northern Georgia. Tectonics, 2022, 41, .	2.8	1
21	Syntectonic sediment loading and fold-thrust belt structural architecture: An example from the central Appalachians (USA). , 2023, 19, 449-470.		1
22	The critical role of recycling of post-Grenvillian, Neoproterozoic sediments for Phanerozoic Laurentian clastic systems: evidence from detrital-zircon and -monazite geochronology and textures. Journal of Sedimentary Research, 2023, 93, 118-144.	1.6	2
23	Paleoenvironmental and tectonic implications of an Upper Devonian glaciogenic succession from east-central West Virginia, USA. , 2023, , 1-27.		0
24	Geochronological and geochemical effects of zircon chemical abrasion: insights from single-crystal stepwise dissolution experiments. Geochronology, 2024, 6, 1-20.	2.5	0