

Andrew Carter

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202
papers

9,556
citations

54
h-index

91
g-index

216
ext. papers

10,719
ext. citations

3.8
avg, IF

6.07
L-index

#	Paper	IF	Citations
202	Geochemistry and paleogeography of the Rajang Group, Northwest Borneo, Malaysia. <i>Marine and Petroleum Geology</i> , 2022 , 137, 105500	4.7	0
201	No modern Irrawaddy River until the late Miocene-Pliocene. <i>Earth and Planetary Science Letters</i> , 2022 , 584, 117516	5.3	0
200	Cenozoic Dynamic Topography of Madagascar. <i>Geochemistry, Geophysics, Geosystems</i> , 2021 , 22, e2020GC009624	4.0	4
199	South Atlantic passive margin evolution: A thermochronology case study from the Rio de Janeiro-Três Rios section, SE Brazil. <i>Journal of South American Earth Sciences</i> , 2021 , 106, 103051	2	2
198	From sink to source: Using offshore thermochronometric data to extract onshore erosion signals in Namibia. <i>Basin Research</i> , 2021 , 33, 1580-1602	3.2	1
197	Stratigraphy and Provenance of the Paleogene Syn-Rift Sediments in Central-Southern Palawan: Paleogeographic Significance for the South China Margin. <i>Tectonics</i> , 2021 , 40, e2021TC006753	4.3	3
196	Provenance study of the Lubok Antu Mlange from the Lupar valley, West Sarawak, Borneo: Implications for the closure of eastern Meso-Tethys?. <i>Chemical Geology</i> , 2021 , 581, 120415	4.2	2
195	A large West Antarctic Ice Sheet explains early Neogene sea-level amplitude.. <i>Nature</i> , 2021 , 600, 450-455	50.4	2
194	A Late Eocene-Oligocene Through-Flowing River Between the Upper Yangtze and South China Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2020GC009046	3.6	16
193	Deciphering relationships between the Nicobar and Bengal submarine fans, Indian Ocean. <i>Earth and Planetary Science Letters</i> , 2020 , 544, 116329	5.3	13
192	Testing Models of Cenozoic Exhumation in the Western Greater Caucasus. <i>Tectonics</i> , 2020 , 39, e2018TC005451	4.1	11
191	Heated Topics in Thermochronology and Paths towards Resolution. <i>Geosciences (Switzerland)</i> , 2020 , 10, 375	2.7	6
190	Low-Temperature Thermochronology of the Indus Basin in Central Ladakh, Northwest India: Implications of Miocene-Pliocene Cooling in the India-Asia Collision Zone. <i>Tectonics</i> , 2020 , 39, e2020TC006333	4.3	0
189	Cenozoic tectonic evolution of southeastern Thailand derived from low-temperature thermochronology. <i>Journal of the Geological Society</i> , 2020 , 177, 395-411	2.7	2
188	Drainage evolution and exhumation history of the eastern Himalaya: Insights from the Nicobar Fan, northeastern Indian Ocean. <i>Earth and Planetary Science Letters</i> , 2020 , 548, 116472	5.3	7
187	Slowing rates of regional exhumation in the western Himalaya: fission track evidence from the Indus Fan. <i>Geological Magazine</i> , 2020 , 157, 848-863	2	3
186	Geochronology and geochemistry of the northern Scotia Sea: A revised interpretation of the North and West Scotia ridge junction. <i>Earth and Planetary Science Letters</i> , 2019 , 518, 136-147	5.3	9

185	Badly Behaved Detrital (U-Th)/He Ages: Problems With He Diffusion Models or Geological Models?. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 2418	3.6	8
184	Late Triassic tectonic inversion in the upper Yangtze Block: Insights from detrital zircon U/Pb geochronology from south-western Sichuan Basin. <i>Basin Research</i> , 2019 , 31, 92-113	3.2	9
183	Late Miocene Hinterland Crustal Shortening in the Longmen Shan Thrust Belt, the Eastern Margin of the Tibetan Plateau. <i>Journal of Geophysical Research: Solid Earth</i> , 2019 , 124, 11972-11991	3.6	15
182	Spatial and temporal trends in exhumation of the Eastern Himalaya and syntaxis as determined from a multitechnique detrital thermochronological study of the Bengal Fan. <i>Bulletin of the Geological Society of America</i> , 2019 , 131, 1607-1622	3.9	17
181	Thermochronology on Sand and Sandstones for Stratigraphic and Provenance Studies. <i>Springer Textbooks in Earth Sciences, Geography and Environment</i> , 2019 , 259-268	0.5	10
180	Palaeodrainage evolution of the large rivers of East Asia, and Himalayan-Tibet tectonics. <i>Earth-Science Reviews</i> , 2019 , 192, 601-630	10.2	40
179	Eocene–Recent drainage evolution of the Colorado River and its precursor: an integrated provenance perspective from SW California. <i>Geological Society Special Publication</i> , 2019 , 488, 47-72	1.7	1
178	Observations on three-dimensional measurement of confined fission track lengths in apatite using digital imagery. <i>American Mineralogist</i> , 2018 , 103, 430-440	2.9	3
177	Reconstructing Palaeozoic and Mesozoic tectonic evolution of Novaya Zemlya: combining geochronology and thermochronology. <i>Geological Society Special Publication</i> , 2018 , 460, 335-353	1.7	12
176	Paleogene Tectonic and Sedimentation History of the Andaman-Nicobar Accretionary Arc, Northeast Indian Ocean. <i>Society of Earth Scientists Series</i> , 2018 , 91-112	0.6	
175	Timing of exhumation and deformation across the Taimyr fold-thrust belt: insights from apatite fission track dating and balanced cross-sections. <i>Geological Society Special Publication</i> , 2018 , 460, 315-333	1.7	9
174	Evolution of a cratonic basin: insights from the stratal architecture and provenance history of the Parnaíba Basin. <i>Geological Society Special Publication</i> , 2018 , 472, 157-179	1.7	5
173	Insights into the evolution of the Hindu Kush–Kohistan–Karakoram from modern river sand detrital geo- and thermochronological studies. <i>Journal of the Geological Society</i> , 2018 , 175, 934-948	2.7	9
172	Quantifying episodic erosion and transient storage on the western margin of the Tibetan Plateau, upper Indus River. <i>Quaternary Research</i> , 2018 , 89, 281-306	1.9	16
171	Discovery of a meteoritic ejecta layer containing unmelted impactor fragments at the base of Paleocene lavas, Isle of Skye, Scotland. <i>Geology</i> , 2018 , 46, 171-174	5	7
170	U-Pb Detrital Zircon Geochronology of the Lower Danube and Its Tributaries: Implications for the Geology of the Carpathians. <i>Geochemistry, Geophysics, Geosystems</i> , 2018 , 19, 3208-3223	3.6	9
169	Provenance, routing and weathering history of heavy minerals from coastal placer deposits of southern Vietnam. <i>Sedimentary Geology</i> , 2018 , 373, 228-238	2.8	9
168	Isotopic and thermochronologic evidence of extremely cold lithosphere associated with a slab flattening in the Central Andes of Argentina. <i>Basin Research</i> , 2017 , 29, 16-40	3.2	17

167	Controls on erosion patterns and sediment transport in a monsoonal, tectonically quiescent drainage, Song Gianh, central Vietnam. <i>Basin Research</i> , 2017 , 29, 659-683	3.2	18
166	Chapter 15 The 26 December 2004 earthquake and tsunami. <i>Geological Society Memoir</i> , 2017 , 47, 215-224.	0.4	1
165	Chapter 16 Natural resources. <i>Geological Society Memoir</i> , 2017 , 47, 225-232	0.4	1
164	Chapter 2 Introduction to the geography and geomorphology of the Andaman-Nicobar Islands. <i>Geological Society Memoir</i> , 2017 , 47, 9-18	0.4	12
163	Chapter 1 Introduction and history of mapping and research. <i>Geological Society Memoir</i> , 2017 , 47, 1-7	0.4	
162	Chapter 10 Provenance of Oligocene Andaman sandstones (Andaman-Nicobar Islands): Ganga-Brahmaputra or Irrawaddy derived?. <i>Geological Society Memoir</i> , 2017 , 47, 141-152	0.4	4
161	Chapter 11 The Archipelago Group: current understanding. <i>Geological Society Memoir</i> , 2017 , 47, 153-166.	0.4	2
160	Chapter 12 Inner-arc volcanism: Barren and Narcondam islands. <i>Geological Society Memoir</i> , 2017 , 47, 167-192.	0.4	2
159	Chapter 14 Seismicity of the Andaman-Nicobar Islands and Andaman Sea. <i>Geological Society Memoir</i> , 2017 , 47, 205-213	0.4	4
158	Chapter 6 Geological framework of the Andaman-Nicobar Islands. <i>Geological Society Memoir</i> , 2017 , 47, 75-93	0.4	14
157	Chapter 8 Mithakhari deposits. <i>Geological Society Memoir</i> , 2017 , 47, 111-132	0.4	3
156	Chapter 9 Submarine fan deposits: petrography and geochemistry of the Andaman Flysch. <i>Geological Society Memoir</i> , 2017 , 47, 133-140	0.4	3
155	Contrasting Mesozoic evolution across the boundary between on and off craton regions of the South African plateau inferred from apatite fission track and (U-Th-Sm)/He thermochronology. <i>Journal of Geophysical Research: Solid Earth</i> , 2017 , 122, 1517-1547	3.6	23
154	Climatic and glacial impact on erosion patterns and sediment provenance in the Himalayan rain shadow, Zaskar River, NW India. <i>Bulletin of the Geological Society of America</i> , 2017 , 129, 820-836	3.9	15
153	Unravelling an allochthonous, subaqueously deposited volcanic-pelagic to subaerial andesitic lava assemblage in Hong Kong: age, stratigraphy and provenance studies of the Middle Jurassic Tuen Mun Formation. <i>Journal of the Geological Society</i> , 2017 , 174, 913-928	2.7	1
152	Widespread Antarctic glaciation during the Late Eocene. <i>Earth and Planetary Science Letters</i> , 2017 , 458, 49-57	5.3	59
151	Understanding Himalayan erosion and the significance of the Nicobar Fan. <i>Earth and Planetary Science Letters</i> , 2017 , 475, 134-142	5.3	41
150	Helium trapping in apatite damage: Insights from (U-Th-Sm)/He dating of different granitoid lithologies. <i>Chemical Geology</i> , 2017 , 470, 116-131	4.2	35

149	Granitoid zircon forms the nucleus for minerals precipitated by carbonatite-derived metasomatic fluids at Chilwa Island, Malawi. <i>Gondwana Research</i> , 2017 , 51, 64-77	5.1	4
148	Controls on modern erosion and the development of the Pearl River drainage in the late Paleogene. <i>Marine Geology</i> , 2017 , 394, 52-68	3.3	34
147	Counter-intuitive influence of Himalayan river morphodynamics on Indus Civilisation urban settlements. <i>Nature Communications</i> , 2017 , 8, 1617	17.4	51
146	Measuring the Great Unconformity on the North China Craton using new detrital zircon age data. <i>Geological Society Special Publication</i> , 2017 , 448, 145-159	1.7	24
145	Cenozoic landforms and post-orogenic landscape evolution of the Balkanide orogen: Evidence for alternatives to the tectonic denudation narrative in southern Bulgaria. <i>Geomorphology</i> , 2017 , 276, 203-221	4.3	5
144	Controls on erosion in the western Tarim Basin: Implications for the uplift of northwest Tibet and the Pamir 2017 , 13, 1747-1765		14
143	Late Cretaceous Earliest Paleogene deformation in the Longmen Shan fold-and-thrust belt, eastern Tibetan Plateau margin: Pre-Cenozoic thickened crust?. <i>Tectonics</i> , 2016 , 35, 2293-2312	4.3	28
142	Indentation of the Pamirs with respect to the northern margin of Tibet: Constraints from the Tarim basin sedimentary record. <i>Tectonics</i> , 2016 , 35, 2345-2369	4.3	33
141	The provenance of Taklamakan desert sand. <i>Earth and Planetary Science Letters</i> , 2016 , 437, 127-137	5.3	81
140	Middle Jurassic collision of an exotic microcontinental fragment: Implications for magmatism across the Southeast China continental margin. <i>Gondwana Research</i> , 2016 , 38, 304-312	5.1	7
139	Detrital zircon geochronology of the Cretaceous succession from the Iberian Atlantic Margin: palaeogeographic implications. <i>International Journal of Earth Sciences</i> , 2016 , 105, 727-745	2.2	6
138	Spatial variation in exhumation rates across Ladakh and the Karakoram: New apatite fission track data from the Eastern Karakoram, NW India. <i>Tectonics</i> , 2016 , 35, 704-721	4.3	16
137	The chronology and tectonic style of landscape evolution along the elevated Atlantic continental margin of South Africa resolved by joint apatite fission track and (U-Th-Sm)/He thermochronology. <i>Tectonics</i> , 2016 , 35, 511-545	4.3	72
136	Plio-Pleistocene exhumation of the eastern Himalayan syntaxis and its domal pop-up <i>Earth-Science Reviews</i> , 2016 , 160, 350-385	10.2	53
135	Inter-laboratory comparison of fission track confined length and etch figure measurements in apatite. <i>American Mineralogist</i> , 2015 , 100, 1452-1468	2.9	31
134	Quaternary dust source variation across the Chinese Loess Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 435, 254-264	2.9	81
133	Loess Plateau storage of Northeastern Tibetan Plateau-derived Yellow River sediment. <i>Nature Communications</i> , 2015 , 6, 8511	17.4	202
132	Fluvial-Eolian Interactions In Sediment Routing and Sedimentary Signal Buffering: An Example From the Indus Basin and Thar Desert. <i>Journal of Sedimentary Research</i> , 2015 , 85, 715-728	2.1	30

131	Post break-up tectonic inversion across the southwestern cape of South Africa: New insights from apatite and zircon fission track thermochronometry. <i>Tectonophysics</i> , 2015 , 654, 30-55	3.1	56
130	Constraints on the collision and the pre-collision tectonic configuration between India and Asia from detrital geochronology, thermochronology, and geochemistry studies in the lower Indus basin, Pakistan. <i>Earth and Planetary Science Letters</i> , 2015 , 432, 363-373	5.3	54
129	Lower crustal zircons reveal Neogene metamorphism beneath the Pannonian Basin (Hungary). <i>Open Geosciences</i> , 2015 , 7,	1.3	5
128	Intracontinental deformation in southern Africa during the Late Cretaceous. <i>Journal of African Earth Sciences</i> , 2014 , 100, 20-41	2.2	37
127	South China continental margin signature for sandstones and granites from Palawan, Philippines. <i>Gondwana Research</i> , 2014 , 26, 699-718	5.1	42
126	Rift flank uplift at the Gulf of California: No requirement for asthenospheric upwelling. <i>Geology</i> , 2014 , 42, 259-262	5	21
125	Volumetric budget and grain-size fractionation of a geological sediment routing system: Eocene Escanilla Formation, south-central Pyrenees. <i>Bulletin of the Geological Society of America</i> , 2014 , 126, 585-599	3.9	42
124	Erosion rates in the source region of an ancient sediment routing system: comparison of depositional volumes with thermochronometric estimates. <i>Journal of the Geological Society</i> , 2014 , 171, 401-412	2.7	12
123	Impacts of arc collision on small orogens: new insights from the Coastal Range detrital record, Taiwan. <i>Journal of the Geological Society</i> , 2014 , 171, 5-8	2.7	8
122	Thermotectonic history of SE China since the Late Mesozoic: insights from detailed thermochronological studies of Hong Kong. <i>Journal of the Geological Society</i> , 2014 , 171, 591-604	2.7	17
121	Tracking sediment provenance and erosional evolution of the western Greater Caucasus. <i>Earth Surface Processes and Landforms</i> , 2014 , 39, 1101-1114	3.7	16
120	Cenozoic tectonic history of the South Georgia microcontinent and potential as a barrier to Pacific-Atlantic through flow. <i>Geology</i> , 2014 , 42, 299-302	5	24
119	U-Pb dating of detrital zircon grains in the Paleocene Stumpata Formation, Tethyan Himalaya, Zaskar, India. <i>Journal of Asian Earth Sciences</i> , 2014 , 82, 80-89	2.8	20
118	Bias in detrital zircon geochronology and thermochronometry. <i>Chemical Geology</i> , 2013 , 359, 90-107	4.2	91
117	Zircon fission track and U-Pb dating methods applied to São Paulo and Taubaté Basins located in the southeast Brazil. <i>Radiation Measurements</i> , 2013 , 50, 172-180	1.5	4
116	Worldwide acceleration of mountain erosion under a cooling climate. <i>Nature</i> , 2013 , 504, 423-6	50.4	298
115	Genetic linkage between the Yellow River, the Mu Us desert and the Chinese Loess Plateau. <i>Quaternary Science Reviews</i> , 2013 , 78, 355-368	3.9	163
114	The Qs problem: Sediment volumetric balance of proximal foreland basin systems. <i>Sedimentology</i> , 2013 , 60, 102-130	3.3	89

113	Exhumation history of the Andean broken foreland revisited. <i>Geology</i> , 2013 , 41, 443-446	5	41
112	Zircon and apatite thermochronology of the Nankai Trough accretionary prism and trench, Japan: Sediment transport in an active and collisional margin setting. <i>Tectonics</i> , 2013 , 32, 377-395	4.3	47
111	Links between climate, erosion, uplift, and topography during intracontinental mountain building of the Hangay Dome, Mongolia. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 5171-5193	3.6	14
110	Late Mesozoic-Cenozoic exhumation history of northern Svalbard and its regional significance: Constraints from apatite fission track analysis. <i>Tectonophysics</i> , 2012 , 514-517, 81-92	3.1	40
109	The record of Himalayan erosion preserved in the sedimentary rocks of the Hatia Trough of the Bengal Basin and the Chittagong Hill Tracts, Bangladesh. <i>Basin Research</i> , 2012 , 24, 499-519	3.2	67
108	U-Pb zircon dating evidence for a Pleistocene Sarasvati River and capture of the Yamuna River. <i>Geology</i> , 2012 , 40, 211-214	5	67
107	A simple method for in-situ U-Th/He dating. <i>Geochimica Et Cosmochimica Acta</i> , 2012 , 79, 140-147	5.5	23
106	Constraints on Cenozoic regional drainage evolution of SW China from the provenance of the Jianchuan Basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a	3.6	37
105	Cenozoic exhumation history of the Alborz Mountains, Iran: New constraints from low-temperature chronometry. <i>Tectonics</i> , 2012 , 31, n/a-n/a	4.3	54
104	Constraints on brittle field exhumation of the Everest-Makalu section of the Greater Himalayan Sequence: Implications for models of crustal flow. <i>Tectonics</i> , 2012 , 31, n/a-n/a	4.3	25
103	New constraints on the origin of the Sierra Madre de Chiapas (south Mexico) from sediment provenance and apatite thermochronometry. <i>Tectonics</i> , 2012 , 31, n/a-n/a	4.3	47
102	Understanding sedimentation in the Song Hong-Yinggehai Basin, South China Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2011 , 12, n/a-n/a	3.6	51
101	R. S. Anderson & S. P. Anderson 2010. <i>Geomorphology: The Mechanics and Chemistry of Landscapes</i> . xvi + 637pp. Cambridge University Press. Price £40.00, US\$75.00 (PB). ISBN 978 0 521 51978 6.. <i>Geological Magazine</i> , 2011 , 148, 348-348	2	
100	The exhumation of the western Greater Caucasus: a thermochronometric study. <i>Geological Magazine</i> , 2011 , 148, 1-21	2	54
99	Sediment provenance, reworking and transport processes in the Indus River by U-Pb dating of detrital zircon grains. <i>Global and Planetary Change</i> , 2011 , 76, 33-55	4.2	65
98	Exhumation history of the NW Indian Himalaya revealed by fission track and ⁴⁰ Ar/ ³⁹ Ar ages. <i>Journal of Asian Earth Sciences</i> , 2011 , 40, 334-350	2.8	24
97	Exhumation controlled by transcurrent tectonics: the Argentera-Mercantour massif (SW Alps). <i>Terra Nova</i> , 2011 , 23, no-no	3	13
96	Sediment routing system evolution within a diachronously uplifting orogen: Insights from detrital zircon thermochronological analyses from the South-Central Pyrenees. <i>Numerische Mathematik</i> , 2011 , 311, 442-482	5.3	68

95	The exhumation of the western Greater Caucasus: thermochronometric study [Erratum]. <i>Geological Magazine</i> , 2011 , 148, 21-21	2	1
94	Pliocene onset of rapid exhumation in Taiwan during arc-continent collision: new insights from detrital thermochronometry. <i>Basin Research</i> , 2010 , 22, 270-285	3.2	25
93	Testing inferences from palaeocurrents: application of zircon double-dating to Miocene sediments from the Hengchun Peninsula, Taiwan. <i>Terra Nova</i> , 2010 , 22, 483-493	3	14
92	Locating earliest records of orogenesis in western Himalaya: Evidence from Paleogene sediments in the Iranian Makran region and Pakistan Katawaz basin. <i>Geology</i> , 2010 , 38, 807-810	5	34
91	Monsoon control over erosion patterns in the Western Himalaya: possible feed-back into the tectonic evolution. <i>Geological Society Special Publication</i> , 2010 , 342, 185-218	1.7	32
90	U-Pb zircon age of the Andaman ophiolite: implications for the beginning of subduction beneath the Andaman-Sumatra arc. <i>Journal of the Geological Society</i> , 2010 , 167, 1105-1112	2.7	81
89	Assessing the provenance of loess and desert sediments in northern China using U-Pb dating and morphology of detrital zircons. <i>Bulletin of the Geological Society of America</i> , 2010 , 122, 1331-1344	3.9	105
88	Reply to Comment on Detrital U-Pb zircon dating of lower Ordovician syn-arc-continent collision conglomerates in the Irish Caledonides by Peter D. Clift, Andrew Carter, Amy E. Draut, Hoang Van Long, David M. Chew, Hans A. Schouten, <i>Tectonophysics</i> 479 (2009), 165-174 (doi:10.1016/j.tecto.2008.07.018). <i>Tectonophysics</i> , 2010 , 496, 138-139	3.1	
87	Timing of India-Asia collision: Geological, biostratigraphic, and palaeomagnetic constraints. <i>Journal of Geophysical Research</i> , 2010 , 115,		413
86	Low-temperature thermochronology in the Peruvian Central Andes: implications for long-term continental denudation, timing of plateau uplift, canyon incision and lithosphere dynamics. <i>Journal of the Geological Society</i> , 2010 , 167, 803-815	2.7	23
85	The effect of chemical etching on LA-ICP-MS analysis in determining uranium concentration for fission-track chronometry. <i>Geological Society Special Publication</i> , 2009 , 324, 37-46	1.7	23
84	Improving constraints on apatite provenance: Nd measurement on fission-track-dated grains. <i>Geological Society Special Publication</i> , 2009 , 324, 57-72	1.7	7
83	Zircon fission track thermochronology constraints on mineralization epochs in Altai Mountains, northern Xinjiang, China. <i>Radiation Measurements</i> , 2009 , 44, 950-954	1.5	21
82	Low long-term erosion rates in high-energy mountain belts: Insights from thermo- and biochronology in the Eastern Pyrenees. <i>Earth and Planetary Science Letters</i> , 2009 , 278, 208-218	5.3	80
81	The late Quaternary slip-rate of the Har-Us-Nuur fault (Mongolian Altai) from cosmogenic ¹⁰ Be and luminescence dating. <i>Earth and Planetary Science Letters</i> , 2009 , 286, 467-478	5.3	37
80	Detrital U-Pb zircon dating of lower Ordovician syn-arc-continent collision conglomerates in the Irish Caledonides. <i>Tectonophysics</i> , 2009 , 479, 165-174	3.1	26
79	A fission-track and (U/Th)/He thermochronometric study of the northern margin of the South China Sea: An example of a complex passive margin. <i>Tectonophysics</i> , 2009 , 474, 584-594	3.1	23
78	Exhumation history of the Higher Himalayan Crystalline along Dhauliganga-Goriganga river valleys, NW India: New constraints from fission track analysis. <i>Tectonics</i> , 2009 , 28, n/a-n/a	4.3	40

77	The Paleogene record of Himalayan erosion: Bengal Basin, Bangladesh. <i>Earth and Planetary Science Letters</i> , 2008 , 273, 1-14	5.3	123
76	Was the Indosinian orogeny a Triassic mountain building or a thermotectonic reactivation event?. <i>Comptes Rendus - Geoscience</i> , 2008 , 340, 83-93	1.4	125
75	Provenance of the Tertiary sedimentary rocks of the Indo-Burman Ranges, Burma (Myanmar): Burman arc or Himalayan-derived?. <i>Journal of the Geological Society</i> , 2008 , 165, 1045-1057	2.7	101
74	Timing, slip rate, displacement and cooling history of the Mykonos detachment footwall, Cyclades, Greece, and implications for the opening of the Aegean Sea basin. <i>Journal of the Geological Society</i> , 2008 , 165, 263-277	2.7	58
73	Holocene erosion of the Lesser Himalaya triggered by intensified summer monsoon. <i>Geology</i> , 2008 , 36, 79	5	145
72	Post-collisional collapse in the wake of migrating arc-continent collision in the Ilan Basin, Taiwan 2008 , 257-278		5
71	New constraints on the sedimentation and uplift history of the Andaman-Nicobar accretionary prism, South Andaman Island 2008 , 223-255		25
70	Tectonic response of the central Chilean margin (35°S) to the collision and subduction of heterogeneous oceanic crust: a thermochronological study. <i>Journal of the Geological Society</i> , 2008 , 165, 941-953	2.7	26
69	Modelling the formation of fission tracks in apatite minerals using molecular dynamics simulations. <i>Physics and Chemistry of Minerals</i> , 2008 , 35, 583-596	1.6	13
68	Improved modeling of fission-track annealing in apatite. <i>American Mineralogist</i> , 2007 , 92, 799-810	2.9	554
67	Plio-Quaternary exhumation history of the central Nepalese Himalaya: 1. Apatite and zircon fission track and apatite [U-Th]/He analyses. <i>Tectonics</i> , 2007 , 26, n/a-n/a	4.3	82
66	Geochemical and Nd isotope composition of detrital sediments on the north margin of the South China Sea: provenance and tectonic implications. <i>Sedimentology</i> , 2007 , 54, 1-17	3.3	36
65	Oligocene uplift of the Western Greater Caucasus: an effect of initial Arabia-Eurasia collision. <i>Terra Nova</i> , 2007 , 19, 160-166	3	126
64	Evolution of deformation styles at a major restraining bend, constraints from cooling histories, Mae Ping fault zone, western Thailand. <i>Geological Society Special Publication</i> , 2007 , 290, 325-349	1.7	25
63	Post-rift seaward downwarping at passive margins: New insights from southern Oman using stratigraphy to constrain apatite fission-track and (U-Th)/He dating. <i>Geology</i> , 2007 , 35, 647	5	15
62	Chapter 33 Heavy Minerals and Detrital Fission-Track Thermochronology. <i>Developments in Sedimentology</i> , 2007 , 58, 851-868		15
61	Insights into the patterns and locations of erosion in the Himalaya: A combined fission-track and in situ Sm-Nd isotopic study of detrital apatite. <i>Earth and Planetary Science Letters</i> , 2007 , 257, 407-418	5.3	52
60	Raman microspectroscopy: A non-destructive tool for routine calibration of apatite crystallographic structure for fission-track analyses. <i>Chemical Geology</i> , 2007 , 240, 197-204	4.2	13

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