Controls on the erosion of Cenozoic Asia and the flux of

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#	Article	IF	Citations
1	The sedimentary and tectonic evolution of the Yinggehai-Song Hong basin and the southern Hainan margin, South China Sea: Implications for Tibetan uplift and monsoon intensification. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	208
2	Thermochronology of mineral grains in the Red and Mekong Rivers, Vietnam: Provenance and exhumation implications for Southeast Asia. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	80
3	Geochemical record of chemical weathering and monsoon climate change since the early Miocene in the South China Sea. Paleoceanography, 2006, 21, .	3.0	153
4	Temporal record of lithium in seawater: A tracer for silicate weathering?. Earth and Planetary Science Letters, 2006, 246, 393-406.	4.4	136
5	A 33ÂMa lithostratigraphic record of tectonic and paleoceanographic evolution of the South China Sea. Marine Geology, 2006, 230, 217-235.	2.1	83
6	Propagation of surface uplift, lower crustal flow, and Cenozoic tectonics of the southeast margin of the Tibetan Plateau. Geology, 2006, 34, 813.	4.4	156
7	Zircon Hf isotopic constraints on the sources of the Indus Molasse, Ladakh Himalaya, India. Tectonics, 2007, 26, n/a-n/a.	2.8	90
8	Bengal arsenic, an archive of Himalaya orogeny and paleohydrology. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2007, 42, 1785-1794.	1.7	70
9	Increased sediment accumulation rates and climatic forcing in the central Andes during the late Miocene. Geology, 2007, 35, 979.	4.4	85
10	Development of the East Asian monsoon: Mineralogical and sedimentologic records in the northern South China Sea since 20ÂMa. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 254, 561-582.	2.3	366
11	High resolution hematite and goethite records from ODP 1143, South China Sea: Co-evolution of monsoonal precipitation and El NiÃ±o over the past 600,000Âyears. Earth and Planetary Science Letters, 2007, 264, 136-150.	4.4	107
12	Tracing the impact of glacial-interglacial climate variability on erosion of the southern Andes. Geology, 2007, 35, 131.	4.4	41
13	Channel flow and the Himalayanâ€“Tibetan orogen: a critical review. Journal of the Geological Society, 2007, 164, 511-523.	2.1	126
14	Climatic and tectonic controls on weathering in south China and Indochina Peninsula: Clay mineralogical and geochemical investigations from the Pearl, Red, and Mekong drainage basins. Geochemistry, Geophysics, Geosystems, 2007, 8, n/a-n/a.	2.5	216
15	Geochemical evolution of the central Pacific Ocean over the past 56 Myr. Paleoceanography, 2007, 22, .	3.0	19
16	Sedimentary responses to the Pleistocene climatic variations recorded in the South China Sea. Quaternary Research, 2007, 68, 162-172.	1.7	81
17	Low-amplitude BSRs and gas hydrate concentration on the northern margin of the South China Sea. Marine Geophysical Researches, 2007, 28, 127-138.	1.2	41
18	Grain-size records at ODP site 1146 from the northern South China Sea: Implications on the East Asian monsoon evolution since 20 Ma. Science in China Series D: Earth Sciences, 2007, 50, 1536-1547.	0.9	11

#	Article	IF	Citations
19	Correlation of Himalayan exhumation rates and Asian monsoon intensity. Nature Geoscience, 2008, 1, 875-880.	12.9	604
20	Extraordinary denudation in the Sichuan Basin: Insights from lowâ€temperature thermochronology adjacent to the eastern margin of the Tibetan Plateau. Journal of Geophysical Research, 2008, 113, .	3.3	200
21	Phanerozoic evolution of atmospheric methane. Global Biogeochemical Cycles, 2008, 22, .	4.9	18
22	Degassing of metamorphic carbon dioxide from the Nepal Himalaya. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	101
23	Quantifying landscape differences across the Tibetan plateau: Implications for topographic relief evolution. Journal of Geophysical Research, 2008, 113, .	3.3	198
24	Temporal constraints and pulsed Late Cenozoic deformation during the structural disruption of the active Kashi foreland, northwest China. Tectonics, 2008, 27, .	2.8	100
25	Tracking fluvial response to climate change in the Pacific Northwest: a combined provenance approach using Ar and Nd isotopic systems on fine-grained sediments. Quaternary Science Reviews, 2008, 27, 497-517.	3.0	21
26	Impact of Indiaâ€“Asia collision on SE Asia: The record in Borneo. Tectonophysics, 2008, 451, 366-389.	2.2	207
27	Detrital zircon evidence from Burma for reorganization of the eastern Himalayan river system. Numerische Mathematik, 2008, 308, 618-638.	1.4	96
28	A Late Miocene acceleration of exhumation in the Himalayan crystalline core. Earth and Planetary Science Letters, 2008, 269, 1-10.	4.4	18
29	The Paleogene record of Himalayan erosion: Bengal Basin, Bangladesh. Earth and Planetary Science Letters, 2008, 273, 1-14.	4.4	153
30	Andean growth and the deceleration of South American subduction: Time evolution of a coupled orogen-subduction system. Earth and Planetary Science Letters, 2008, 275, 93-101.	4.4	42
31	Estimating hinterland exhumation from late orogenic basin volume, NW Borneo. Journal of the Geological Society, 2008, 165, 353-366.	2.1	60
32	Surface uplift of Tibet and Cenozoic global cooling. Geology, 2008, 36, 1003.	4.4	61
34	A major reorganization of Asian climate by the early Miocene. Climate of the Past, 2008, 4, 153-174.	3.4	471
35	Stratigraphy and Sea Level Changes. Developments in Paleoenvironmental Research, 2009, , 75-170.	8.0	11
36	Cenozoic unroofing history of the Ladakh Batholith, western Himalaya, constrained by thermochronology and numerical modelling. Journal of the Geological Society, 2009, 166, 667-678.	2.1	33
37	Productivity and continental denudation history from the South China Sea since the late Miocene. Marine Micropaleontology, 2009, 72, 76-85.	1.2	12

#	Article	IF	Citations
38	Crustal redistribution, crustâ€“mantle recycling and Phanerozoic evolution of the continental crust. Earth-Science Reviews, 2009, 97, 80-104.	9.1	179
39	Plioâ€Quaternary sediment budget between thrust belt erosion and foreland deposition in the central Andes, southern Bolivia. Basin Research, 2009, 21, 91-109.	2.7	27
40	Variations in relative abundances of goethite and hematite in Bengal Fan sediments: Climatic vs. diagenetic signals. Marine Geology, 2009, 267, 191-206.	2.1	49
41	The Neogene Xiyu Formation, a diachronous prograding gravel wedge at front of the Tianshan: Climatic and tectonic implications. Earth and Planetary Science Letters, 2009, 287, 298-310.	4.4	103
42	Diagnostic heavy minerals in Plioâ€“Pleistocene sediments of the Yangtze Coast, China with special reference to the Yangtze River connection into the sea. Geomorphology, 2009, 113, 129-136.	2.6	17
43	Evaluating the evolution of the Red River system based on in situ Uâ€Pb dating and Hf isotope analysis of zircons. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	68
44	Extreme weathering/erosion during the Miocene Climatic Optimum: Evidence from sediment record in the South China Sea. Geophysical Research Letters, 2009, 36, .	4.0	65
45	Tectonic interpretation of transient stage erosion rates at different spatial scales in an uplifting block. Journal of Geophysical Research, 2009, 114, .	3.3	38
46	Cenozoic mud volcano activity along the Indus Fan: offshore Pakistan. Basin Research, 2010, 22, 398-413.	2.7	19
47	Early Pleistocene Mammalian Faunas of India and Evidence of Connections with Other Parts of the World. Vertebrate Paleobiology and Paleoanthropology, 2010, , 129-143.	0.5	16
48	Impact of the East Asian monsoon rainfall changes on the erosion of the Mekong River basin over the past 25,000yr. Marine Geology, 2010, 271, 84-92.	2.1	88
49	A high-resolution clay mineralogical record in the northern South China Sea since the Last Glacial Maximum, and its time series provenance analysis. Science Bulletin, 2010, 55, 4058-4068.	1.7	43
50	Butte detachment: how preâ€rift geological structure and drainage integration drive escarpment evolution at rifted continental margins. Earth Surface Processes and Landforms, 2010, 35, 1373-1385.	2.5	58
51	Increased contribution of terrigenous supply from Taiwan to the northern South China Sea since 3Ma. Marine Geology, 2010, 278, 115-121.	2.1	95
52	Evolution of the Indian summer monsoon: synthesis of continental records. Geological Society Special Publication, 2010, 342, 153-183.	1.3	16
53	Did incision of the Three Gorges begin in the Eocene?. Geology, 2010, 38, 551-554.	4.4	95
54	Geochemical records in the South China Sea: implications for East Asian summer monsoon evolution over the last 20 Ma. Geological Society Special Publication, 2010, 342, 245-263.	1.3	53
55	Aeolian sediment evidence that global cooling has driven late Cenozoic stepwise aridification in central Asia. Geological Society Special Publication, 2010, 342, 29-44.	1.3	150

#	Article	IF	Citations
56	Large-scale erosional response of SE Asia to monsoon evolution reconstructed from sedimentary records of the Song Hong-Yinggehai and Qiongdongnan basins, South China Sea. Geological Society Special Publication, 2010, 342, 219-244.	1.3	55
57	A climatic trigger for a major Oligo-Miocene unconformity in the Himalayan foreland basin. Tectonics, 2010, 29, n/a-n/a.	2.8	20
58	Thermal regime of the northwest Indian rifted margin â€“ Comparison with predictions. Marine and Petroleum Geology, 2010, 27, 1133-1147.	3.3	8
59	Srâ€“Ndâ€“Os evidence for a stable erosion regime in the Himalaya during the past 12Myr. Earth and Planetary Science Letters, 2010, 290, 474-480.	4.4	79
60	Exhumation, crustal deformation, and thermal structure of the Nepal Himalaya derived from the inversion of thermochronological and thermobarometric data and modeling of the topography. Journal of Geophysical Research, 2010, 115, .	3.3	245
61	Enhanced global continental erosion and exhumation driven by Oligoâ€Miocene climate change. Geophysical Research Letters, 2010, 37, .	4.0	35
62	Out of Africa I. Vertebrate Paleobiology and Paleoanthropology, 2010, , .	0.5	17
63	Diagenetic sensitivity of paleoenvironmental proxies: A rock magnetic study of Australian continental margin sediments. Geochemistry, Geophysics, Geosystems, 2011, 12, .	2.5	48
64	Understanding sedimentation in the Song Hong-Yinggehai Basin, South China Sea. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	67
65	Simulation of long eccentricity (400-kyr) cycle in ocean carbon reservoir during Miocene Climate Optimum: Weathering and nutrient response to orbital change. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	65
66	Paleo-erosion rates in Central Asia since 9Ma: A transient increase at the onset of Quaternary glaciations?. Earth and Planetary Science Letters, 2011, 304, 85-92.	4.4	95
67	An updated astronomical timescale for the Plio-Pleistocene deposits from South China Sea and new insights into Asian monsoon evolution. Quaternary Science Reviews, 2011, 30, 1560-1575.	3.0	38
68	Deepwater fold and thrust belt classification, tectonics, structure and hydrocarbon prospectivity: A review. Earth-Science Reviews, 2011, 104, 41-91.	9.1	244
69	Numerical modeling of the anomalous post-rift subsidence in the Baiyun Sag, Pearl River Mouth Basin. Science China Earth Sciences, 2011, 54, 1156-1167.	5.2	27
70	Seismic geomorphology and high-resolution seismic stratigraphy of inner-shelf fluvial, estuarine, deltaic, and marine sequences, Gulf of Thailand. AAPG Bulletin, 2011, 95, 1959-1990.	1.5	88
71	Linking a late Mioceneâ€“Pliocene hiatus in the deep-sea Bounty Fan off South Island, New Zealand, to onshore tectonism and lacustrine sediment storage. , 2011, 7, 305-312.		11
72	Coupled U-Pb dating and Hf isotopic analysis of detrital zircon of modern river sand from the Yalu River (Yarlung Tsangpo) drainage system in southern Tibet: Constraints on the transport processes and evolution of Himalayan rivers. Bulletin of the Geological Society of America, 2012, 124, 1449-1473.	3.3	69
73	Spatial and temporal arrival patterns of Madagascar's vertebrate fauna explained by distance, ocean currents, and ancestor type. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5352-5357.	7.1	125

#	Article	IF	Citations
74	Geomorphic histories for river and catchment management. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 2240-2263.	3.4	10
75	Deep sea records of the continental weathering and erosion response to East Asian monsoon intensification since 14ka in the South China Sea. Chemical Geology, 2012, 326-327, 1-18.	3.3	120
76	Sr and Nd Isotopes as Tracers of Chemical and Physical Erosion. Advances in Isotope Geochemistry, 2012, , 521-552.	1.4	15
77	Reconciling the Intertropical Convergence Zone, Himalayan/Tibetan tectonics, and the onset of the Asian monsoon system. Journal of Asian Earth Sciences, 2012, 44, 36-47.	2.3	39
78	Widespread late Cenozoic increase in erosion rates across the interior of eastern Tibet constrained by detrital lowâ€temperature thermochronometry. Tectonics, 2012, 31, .	2.8	44
79	Tectonic and climatic controls on longâ€term silicate weathering in Asia since 5 Ma. Geophysical Research Letters, 2012, 39, .	4.0	53
80	Modern climate and erosion in the Himalaya. Comptes Rendus - Geoscience, 2012, 344, 610-626.	1.2	64
81	From gullies to mountain belts: A review of sediment budgets at various scales. Sedimentary Geology, 2012, 280, 21-59.	2.1	158
82	Quantification and causes of the terrigeneous sediment budget at the scale of a continental margin: a new method applied to the Namibiaâ€“South Africa margin. Basin Research, 2012, 24, 3-30.	2.7	114
83	What controlled Midâ€“Late Miocene long-term aridification in Central Asia? â€” Global cooling or Tibetan Plateau uplift: A review. Earth-Science Reviews, 2012, 112, 155-172.	9.1	344
84	Morphotectonics and evolutionary controls on the Pearl River Canyon system, South China Sea. Marine Geophysical Researches, 2013, 34, 221-238.	1.2	74
85	The sedimentary, magmatic and tectonic evolution of the southwestern South China Sea revealed by seismic stratigraphic analysis. Marine Geophysical Researches, 2013, 34, 341-365.	1.2	30
86	7.29 Changing Hillslopes: Evolution and Inheritance; Inheritance and Evolution of Slopes. , 2013, , 284-305.		1
87	Seismic characteristics of the Huaguang mass transport deposits in the Qiongdongnan Basin, South China Sea: Implications for regional tectonic activity. Marine Geology, 2013, 346, 165-182.	2.1	52
88	Frequencyâ€dependent landscape response to climatic forcing. Geophysical Research Letters, 2013, 40, 859-863.	4.0	61
89	Exploring the temporal change in provenance encoded in the late Quaternary deposits of the Ganga Plain. Sedimentary Geology, 2013, 293, 1-8.	2.1	13
90	A Deep-Time Perspective of Land-Ocean Linkages in the Sedimentary Record. Annual Review of Marine Science, 2013, 5, 69-94.	11.6	35
91	Tectonics, exhumation, and drainage evolution of the eastern Himalaya since 13 Ma from detrital geochemistry and thermochronology, Kameng River Section, Arunachal Pradesh. Bulletin of the Geological Society of America, 2013, 125, 523-538.	3.3	76

#	Article	IF	Citations
92	The role of slump scars in slope channel initiation: A case study from the Miocene Jatiluhur Formation in the Bogor Trough, West Java. Journal of Asian Earth Sciences, 2013, 73, 68-86.	2.3	15
93	Estimation of the paleoflux of terrestrial-derived solids across ancient basin margins using the stratigraphic record. Bulletin of the Geological Society of America, 2013, 125, 578-593.	3.3	41
94	The Sedimentary Record in Northern Qaidam Basin and its Response to the Uplift of the South Qilian Mountain at around 30 Ma. Acta Geologica Sinica, 2013, 87, 528-539.	1.4	12
95	Imperfect Isolation: Factors and Filters Shaping Madagascarâ€™s Extant Vertebrate Fauna. PLoS ONE, 2013, 8, e62086.	2.5	84
96	Late Cenozoic continuous aridification in the western Qaidam Basin: evidence from sporopollen records. Climate of the Past, 2013, 9, 1863-1877.	3.4	72
97	Sediment storage and reworking on the shelf and in the Canyon of the Indus Riverâ€Fan System since the last glacial maximum. Basin Research, 2014, 26, 183-202.	2.7	43
98	Sediment fluxes and buffering in the postâ€glacial Indus Basin. Basin Research, 2014, 26, 369-386.	2.7	62
99	Miocene burial and exhumation of the India-Asia collision zone in southern Tibet: Response to slab dynamics and erosion. Geology, 2014, 42, 443-446.	4.4	82
100	The Owen Ridge uplift in the Arabian Sea: Implications for the sedimentary record of Indian monsoon in Late Miocene. Earth and Planetary Science Letters, 2014, 394, 1-12.	4.4	22
101	Stretching factor estimation for the long-duration and multi-stage continental extensional tectonics: Application to the Baiyun Sag in the northern margin of the South China Sea. Tectonophysics, 2014, 611, 167-180.	2.2	52
102	Reconstructing chemical weathering, physical erosion and monsoon intensity since 25Ma in the northern South China Sea: A review of competing proxies. Earth-Science Reviews, 2014, 130, 86-102.	9.1	402
104	Long-term cooling/drying record of North China since the middle Pleistocene from geochemical evidence of a 150Âm deep drill core, Beijing plain, China. Quaternary International, 2014, 349, 419-427.	1.5	9
105	A thermochronological perspective on the morphotectonic evolution of the southeastern Tibetan Plateau. Journal of Geophysical Research: Solid Earth, 2014, 119, 676-698.	3.4	88
106	Long-timescale variation in bulk and clay mineral composition of Indian continental margin sediments in the Bay of Bengal, Arabian Sea, and Andaman Sea. Marine and Petroleum Geology, 2014, 58, 117-138.	3.3	69
107	Basins and Stratigraphy. Developments in Marine Geology, 2014, , 341-468.	0.4	0
108	Paleoceneâ€Eocene foreland basin evolution in the Himalaya of southern Tibet and Nepal: Implications for the age of initial Indiaâ€Asia collision. Tectonics, 2014, 33, 824-849.	2.8	386
109	Late Cenozoic fluvialâ€“lacustrine susceptibility increases in the Linxia Basin and their implications for Tibetan Plateau uplift. Quaternary International, 2014, 334-335, 132-140.	1.5	18
110	Monsoon-influenced variation in productivity and lithogenic sediment flux since 110Âka in the offshore Mahanadi Basin, northern Bay of Bengal. Marine and Petroleum Geology, 2014, 58, 502-525.	3.3	65

#	Article	IF	Citations
111	Nature, origin and evolution of a Late Pleistocene incised valleyâ€fill, Sunda Shelf, Southeast Asia. Sedimentology, 2015, 62, 1198-1232.	3.1	55
112	Timing and rate of exhumation along the Litang fault system, implication for fault reorganization in Southeast Tibet. Tectonics, 2015, 34, 1219-1243.	2.8	58
113	Causal evidence between monsoon and evolution of rhizomyine rodents. Scientific Reports, 2015, 5, 9008.	3.3	9
114	Lemur Biorhythms and Life History Evolution. PLoS ONE, 2015, 10, e0134210.	2.5	25
115	Ground Water Arsenic Contamination and Its Health Effects in Bangladesh. , 2015, , 51-72.		8
116	Contrasting fluvial styles across the mid-Pleistocene climate transition in the northern shelf of the South China Sea: Evidence from 3D seismic data. Quaternary Science Reviews, 2015, 129, 128-146.	3.0	37
117	Stable Drainage Pattern and Variable Exhumation in the Western Himalaya since the Middle Miocene. Journal of Geology, 2015, 123, 1-20.	1.4	21
118	The high resolution sedimentary filling in Qiongdongnan Basin, Northern South China Sea. Marine Geology, 2015, 361, 11-24.	2.1	90
119	A new paleoprecipitation proxy based on soil magnetic properties: Implications for expanding paleoclimate reconstructions. Bulletin of the Geological Society of America, 0, , B31207.1.	3.3	20
120	Sequence stratigraphic framework of a mixed turbidite-contourite depositional system along the NW slope of the South China Sea. Geo-Marine Letters, 2015, 35, 1-21.	1.1	20
121	A sediment budget for the Transkei Basin, Southwest Indian Ocean. Marine Geophysical Researches, 2015, 36, 281-291.	1.2	4
122	Post-rift tectonic reactivation and its effect on deep-water deposits in the Qiongdongnan Basin, northwestern South China Sea. Marine Geophysical Researches, 2015, 36, 227-242.	1.2	29
123	Climate changes control offshore crustal structure at South China Sea continental margin. Earth and Planetary Science Letters, 2015, 420, 66-72.	4.4	77
124	Giant fossil mass wasting off the coast of West India: The Nataraja submarine slide. Earth and Planetary Science Letters, 2015, 432, 265-272.	4.4	35
125	Chemical Weathering Intensity and Terrigenous Flux in South China during the Last 90,000 Yearsâ€"Evidence from Magnetic Signals in Marine Sediments. Frontiers in Earth Science, 0, 4, .	1.8	5
126	Available data point to a 4â€kmâ€high Tibetan Plateau by 40ÂMa, but 100 molecularâ€clock papers have linked supposed recent uplift to young node ages. Journal of Biogeography, 2016, 43, 1479-1487.	3.0	176
127	The sedimentary and tectonic evolution of the <scp>A</scp>mur <scp>R</scp>iver and <scp>N</scp>orth <scp>S</scp>akhalin <scp>B</scp>asin: new evidence from seismic stratigraphy and <scp>N</scp>eogeneâ€“<scp>R</scp>ecent sediment budgets. Basin Research, 2016, 28, 273-297.	2.7	9
128	Denudation intensity and control in the Chinese Tian Shan: new constraints from mass balance on catchmentâ€alluvial fan systems. Earth Surface Processes and Landforms, 2016, 41, 1088-1106.	2.5	29

#	Article	IF	Citations
129	Magnetic properties of iron minerals produced by natural iron- and manganese-reducing groundwater bacteria. Geophysical Journal International, 2016, 206, 1340-1351.	2.4	8
130	Decadal trends and causes of sedimentation in the Inner Mongolia reach of the upper Yellow River, China. Hydrological Processes, 2016, 30, 232-244.	2.6	8
131	Pleistocene terrace deposition related to tectonically controlled surface uplift: An example of the Kyrenia Range lineament in the northern part of Cyprus. Sedimentary Geology, 2016, 339, 46-67.	2.1	16
132	First geomorphological and sedimentological evidence for the combined tectonic and climate control on Quaternary Yarlung river diversion in the eastern Himalaya. Lithosphere, 2016, 8, 293-316.	1.4	20
133	Temporal and spatial variations in magnetic properties of suspended particular matter in the Yangtze River drainage and their implications. Journal of Asian Earth Sciences, 2016, 124, 204-213.	2.3	7
134	Late Mioceneâ€“Pliocene Asian monsoon intensification linked to Antarctic ice-sheet growth. Earth and Planetary Science Letters, 2016, 444, 75-87.	4.4	86
135	Along-strike continuity of structure, stratigraphy, and kinematic history in the Himalayan thrust belt: The view from Northeastern India. Tectonics, 2016, 35, 2995-3027.	2.8	70
136	Oligocene-Early Miocene river incision near the first bend of the Yangze River: Insights from apatite (U-Th-Sm)/He thermochronology. Tectonophysics, 2016, 687, 223-231.	2.2	49
137	Depositional characteristics of the northern South China Sea in response to the evolution of the Pearl River. Geological Society Special Publication, 2016, 429, 31-44.	1.3	24
138	Large-scale subduction of continental crust implied by Indiaâ€“Asia mass-balance calculation. Nature Geoscience, 2016, 9, 848-853.	12.9	111
139	Climatic control of sediment transport from the Himalayas to the proximal NE Bengal Fan during the last glacial-interglacial cycle. Quaternary Science Reviews, 2016, 148, 1-16.	3.0	67
140	Controls on Cenozoic exhumation of the Tethyan Himalaya from fissionâ€track thermochronology and detrital zircon Uâ€Pb geochronology in the Gyirong basin area, southern Tibet. Tectonics, 2016, 35, 1713-1734.	2.8	40
141	Ocean upwelling and intense monsoonal activity based on late Miocene diatom assemblages from Neil Island, Andaman and Nicobar Islands, India. Marine Micropaleontology, 2016, 127, 26-41.	1.2	11
142	Dating the incision of the Yangtze River gorge at the First Bend using threeâ€nuclide burial ages. Geophysical Research Letters, 2016, 43, 101-110.	4.0	62
143	Late Cenozoic genus Fupingopollenites development and its implications for the Asian summer monsoon evolution. Gondwana Research, 2016, 29, 320-333.	6.0	45
144	Sediment storage and release from <scp>H</scp>imalayan piggyback basins and implications for downstream river morphology and evolution. Basin Research, 2016, 28, 446-461.	2.7	19
145	Geochemical records of Taiwan-sourced sediments in the South China Sea linked to Holocene climate changes. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 441, 871-881.	2.3	53
146	The erosion response to Quaternary climate change quantified using uranium isotopes and in situ - produced cosmogenic nuclides. Earth-Science Reviews, 2016, 155, 60-81.	9.1	44

#	Article	IF	Citations
147	Provenance weathering and erosion records in southern Okinawa Trough sediments since 28 ka: Geochemical and Srâ€“Ndâ€“Pb isotopic evidences. Chemical Geology, 2016, 425, 93-109.	3.3	85
148	Spreading dynamics and sedimentary process of the Southwest Sub-basin, South China Sea: Constraints from multi-channel seismic data and IODP Expedition 349. Journal of Asian Earth Sciences, 2016, 115, 97-113.	2.3	76
149	Late Quaternary tectonics, sea-level change and lithostratigraphy along the northern coast of the South China Sea. Geological Society Special Publication, 2016, 429, 123-136.	1.3	14
150	Controls on erosion patterns and sediment transport in a monsoonal, tectonically quiescent drainage, Song Gianh, central Vietnam. Basin Research, 2017, 29, 659-683.	2.7	27
151	Basement tectonics and flexural subsidence along western continental margin of India. Geoscience Frontiers, 2017, 8, 1009-1024.	8.4	13
152	Chapter 3 Regional context of the geology of the Andamanâ€“Nicobar accretionary ridge. Geological Society Memoir, 2017, 47, 19-26.	1.7	2
153	Geochemical evidence for initiation of the modern Mekong delta in the southwestern South China Sea after 8 Ma. Chemical Geology, 2017, 451, 38-54.	3.3	38
154	The linking of the upper-middle and lower reaches of the Yellow River as a result of fluvial entrenchment. Quaternary Science Reviews, 2017, 166, 324-338.	3.0	51
155	Reconstruction of silicate weathering intensity and paleoenvironmental change during the late Quaternary in the Zhuoshui River catchment in Taiwan. Quaternary International, 2017, 452, 43-53.	1.5	12
156	Increased sedimentation following the Neolithic Revolution in the Southern Levant. Global and Planetary Change, 2017, 152, 199-208.	3.5	18
157	Late Oligocene-early Miocene evolution of the Lunpola Basin, central Tibetan Plateau, evidences from successive lacustrine records. Gondwana Research, 2017, 48, 224-236.	6.0	32
158	Cenozoic sediment flux in the Qaidam Basin, northern Tibetan Plateau, and implications with regional tectonics and climate. Global and Planetary Change, 2017, 155, 56-69.	3.5	72
159	Influence of textural parameters on detrital-zircon age spectra with application to provenance and paleogeography during the Ediacaranâ€“Terreneuvian of southwestern Laurentia. Bulletin of the Geological Society of America, 0, , B31611.1.	3.3	7
160	Late Cenozoic exhumation history of the Luoji Shan in the southeastern Tibetan Plateau: insights from apatite fission-track thermochronology. Journal of the Geological Society, 2017, 174, 883-891.	2.1	13
161	Neogene fungal record from IODP Site U1433, South China Sea: Implications for paleoenvironmental change and the onset of the Mekong River. Marine Geology, 2017, 390, 23.	2.1	3
162	Evidence of continuous Asian summer monsoon weakening as a response to global cooling over the last 8 Ma. Gondwana Research, 2017, 52, 48-58.	6.0	40
163	Neogene fungal record from IODP Site U1433, South China Sea: Implications for paleoenvironmental change and the onset of the Mekong River. Marine Geology, 2017, 394, 69-81.	2.1	8
164	Thermal subsidence and sedimentary processes in the South China Sea Basin. Marine Geology, 2017, 394, 30-38.	2.1	13

#	Article	IF	Citations
165	The delimitation between the mature and juvenile crustal provinces in SE Asia: Insights from detrital zircon U-Pb and Hf isotopic data for the Salween drainage, Myanmar. Journal of Asian Earth Sciences, 2017, 145, 641-651.	2.3	9
166	Detrital zircon geochronology of river sands from Taiwan: Implications for sedimentary provenance of Taiwan and its source link with the east China mainland. Earth-Science Reviews, 2017, 164, 31-47.	9.1	60
167	Rifted margin architecture and crustal rheology: Reviewing Iberia-Newfoundland, Central South Atlantic, and South China Sea. Marine and Petroleum Geology, 2017, 79, 257-281.	3.3	138
168	Limited impact of Quaternary glaciations on denudation rates in Central Asia. Bulletin of the Geological Society of America, 2017, 129, 479-499.	3.3	27
169	Sediment provenance and paleoenvironmental change in the middle Okinawa Trough during the last 18.5Âky: Clay mineral and geochemical evidence. Quaternary International, 2017, 440, 139-149.	1.5	10
170	Climate changes of the northeastern Tibetan Plateau since the late glaciation inferred from clay mineralogy of sediments in Kuhai Lake. Quaternary International, 2017, 440, 24-34.	1.5	9
171	Cenozoic sedimentary records of climate-tectonic coupling in the Western Himalaya. Progress in Earth and Planetary Science, 2017, 4, .	3.0	40
172	Sedimentary budget of the Southwest Subâ€basin, South China Sea: Controlling factors and geological implications. Geological Journal, 2018, 53, 3082-3092.	1.3	9
173	Postâ€rift Tectonic History of the Songliao Basin, NE China: Cooling Events and Postâ€rift Unconformities Driven by Orogenic Pulses From Plate Boundaries. Journal of Geophysical Research: Solid Earth, 2018, 123, 2363-2395.	3.4	45
174	Volume and recurrence of submarineâ€fanâ€building turbidity currents. Depositional Record, 2018, 4, 160-176.	1.7	20
175	Convective removal of the Tibetan Plateau mantle lithosphere by ~26â€¯Ma. Tectonophysics, 2018, 731-732, 17-34.	2.2	36
176	Sedimentary environment and geomorphic development of the uppermost Siwalik molasse in Kumaun Himalayan Foreland Basin, North India. Geological Journal, 2018, 53, 159-177.	1.3	16
177	Agricultural land use doubled sediment loads in western Chinaâ€™s rivers. Anthropocene, 2018, 21, 95-106.	3.3	19
178	Uncertainty management in stratigraphic well correlation and stratigraphic architectures: A training-based method. Computers and Geosciences, 2018, 111, 1-17.	4.2	14
179	Mineral magnetic record of the Miocene-Pliocene climate transition on the Chinese Loess Plateau, North China. Quaternary Research, 2018, 89, 619-628.	1.7	6
180	Bathyal records of enhanced silicate erosion and weathering on the exposed Luzon shelf during glacial lowstands and their significance for atmospheric CO2 sink. Chemical Geology, 2018, 476, 302-315.	3.3	25
181	Cenozoic sedimentation in the Mumbai Offshore Basin: Implications for tectonic evolution of the western continental margin of India. Journal of Asian Earth Sciences, 2018, 152, 132-144.	2.3	12
182	Climatic or tectonic control on organic matter deposition in the South China Sea? A lesson learned from a comprehensive Neogene palynological study of IODP Site U1433. International Journal of Coal Geology, 2018, 190, 166-177.	5.0	9

#	Article	IF	Citations
183	Provenance, sea-level and monsoon climate controls on silicate weathering of Yellow River sediment in the northern Okinawa Trough during late last glaciation. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 490, 227-239.	2.3	29
184	Quantifying episodic erosion and transient storage on the western margin of the Tibetan Plateau, upper Indus River. Quaternary Research, 2018, 89, 281-306.	1.7	24
185	Exogenic forcing and autogenic processes on continental divide location and mobility. Basin Research, 2018, 30, 344-369.	2.7	17
186	Can climatic signals be discerned in a deep-water sink?: An answer from the Pearl River source-to-sink sediment-routing system. Bulletin of the Geological Society of America, 2018, 130, 661-677.	3.3	14
187	Continuous Holocene input of river sediment to the Indus Submarine Canyon. Marine Geology, 2018, 406, 159-176.	2.1	29
188	Grand Challenges (and Great Opportunities) in Sedimentology, Stratigraphy, and Diagenesis Research. Frontiers in Earth Science, 2018, 6, .	1.8	26
189	Rapid incision of the Mekong River in the middle Miocene linked to monsoonal precipitation. Nature Geoscience, 2018, 11, 944-948.	12.9	154
190	Rapid precipitation changes in the tropical West Pacific linked to North Atlantic climate forcing during the last deglaciation. Quaternary Science Reviews, 2018, 197, 288-306.	3.0	18
191	Terrestrial deposition processes of Quaternary gibbsite nodules in the Yongjiang Basin, southeastern margin of Tibet, and implication for the genesis of ancient karst bauxite. Sedimentary Geology, 2018, 373, 292-306.	2.1	17
192	Linkage between Lake Xingkai sediment geochemistry and Asian summer monsoon since the last interglacial period. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 512, 71-79.	2.3	21
193	Late quaternary fluvial incision and aggradation in the Lesser Himalaya, India. Quaternary Science Reviews, 2018, 197, 112-128.	3.0	6
194	Varied thermo-rheological structure, mechanical anisotropy and lithospheric deformation of the southeastern Tibetan Plateau. Journal of Asian Earth Sciences, 2018, 163, 108-130.	2.3	12
195	Single grain heavy mineral provenance of garnet and amphibole in the Surveyor fan and precursor sediments on the Gulf of Alaska abyssal plain â€" Implications for climate-tectonic interactions in the St. Elias orogen. Sedimentary Geology, 2018, 372, 173-192.	2.1	13
196	Mixed Carbonate-Siliciclastic Deposits in a Channel Complex in the Northern South China Sea. Journal of Earth Science (Wuhan, China), 2018, 29, 707-720.	3.2	15
197	A history of the Asian monsoon and its interactions with solid Earth tectonics in Cenozoic South Asia. Geological Society Special Publication, 2019, 483, 631-652.	1.3	44
198	Changes in environment and provenance within the Changjiang (Yangtze River) Delta during Pliocene to Pleistocene transition. Marine Geology, 2019, 416, 105976.	2.1	10
199	Quantitative interpretation of seismic attributes for reservoir characterization of Early-Middle Miocene syn- and post-rift successions (Songkhla Basin, Gulf of Thailand). Marine and Petroleum Geology, 2019, 109, 791-807.	3.3	5
200	Climate, sea level and tectonic controls on sediment discharge from the Sepik River, Papua New Guinea during the Mid- to Late Pleistocene. Marine Geology, 2019, 415, 105954.	2.1	11

#	Article	IF	Citations
201	Oligoceneâ€Early Miocene Topographic Relief Generation of Southeastern Tibet Triggered by Thrusting. Tectonics, 2019, 38, 374-391.	2.8	61
202	Examining the tectono-stratigraphic architecture, structural geometry, and kinematic evolution of the Himalayan fold-thrust belt, Kumaun, northwest India. Lithosphere, 2019, 11, 414-435.	1.4	23
203	Evidence for provenance change in deep sea sediments of the Bengal Fan: A 7 million year record from IODP U1444A. Journal of Asian Earth Sciences, 2019, 186, 104008.	2.3	6
204	Reassessing two contrasting Late Miocene-Holocene stratigraphic frameworks for the Pearl River Mouth Basin, northern South China Sea. Marine and Petroleum Geology, 2019, 102, 899-913.	3.3	21
205	Detrital zircons reveal sea-level and hydroclimate controls on Amazon River to deep-sea fan sediment transfer. Geology, 2019, 47, 563-567.	4.4	47
206	Middle to Late Miocene Eccentricity Forcing on Lake Expansion in NE Tibet. Geophysical Research Letters, 2019, 46, 6926-6935.	4.0	17
207	The formation and evolution of the paleo-Pearl River and its influence on the source of the northern South China sea. Marine and Petroleum Geology, 2019, 106, 171-189.	3.3	16
208	Regional Pliocene exhumation of the Lesser Himalaya in the Indus drainage. Solid Earth, 2019, 10, 647-661.	2.8	27
209	Drainage control of Eocene to Miocene sedimentary records in the southeastern margin of Eurasian Plate. Bulletin of the Geological Society of America, 2019, 131, 461-478.	3.3	37
210	Late Mioceneâ€“Pliocene climate evolution recorded by the red clay cover on the Xiaoshuizi planation surface, NE Tibetan Plateau. Climate of the Past, 2019, 15, 405-421.	3.4	4
211	Linking source and sink: Detrital zircon provenance record of drainage systems in Vietnam and the Yinggehaiâ€“Song Hong Basin, South China Sea. Bulletin of the Geological Society of America, 2019, 131, 191-204.	3.3	30
212	Molecular Phylogeny and Historical Biogeography of the Butterfly Tribe Aeromachini Tutt (Lepidoptera: Hesperiidae) from China. Cells, 2019, 8, 294.	4.1	7
213	Differential exhumation histories between Qulong and Xiongcun porphyry copper deposits in the Gangdese copper metallogenic Belt: Insights from low temperature thermochronology. Ore Geology Reviews, 2019, 107, 801-819.	2.7	22
214	Paleoclimatic evolution of the SW and NE South China Sea and its relationship with spectral reflectance data over various age scales. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 525, 25-43.	2.3	16
215	Selective Recording of Tectonic Forcings in an Oligocene/Miocene Submarine Channel System: Insights From New Age Constraints and Sediment Volumes From the Austrian Northern Alpine Foreland Basin. Frontiers in Earth Science, 2019, 7, .	1.8	10
216	A multilocus phylogenetic framework of the tribe Aeromachini (Lepidoptera: Hesperiidae: Hesperiinae), with implications for taxonomy and biogeography. Systematic Entomology, 2019, 44, 163-178.	3.9	18
217	Detrital zircon ages: A key to unraveling provenance variations in the eastern Yinggehaiâ€“Song Hong Basin, South China Sea. AAPG Bulletin, 2019, 103, 1525-1552.	1.5	13
218	Orbital-scale evolution of the Indian summer monsoon since 1.2â€¯Ma: Evidence from clay mineral records at IODP Expedition 355 Site U1456 in the eastern Arabian Sea. Journal of Asian Earth Sciences, 2019, 174, 11-22.	2.3	21

#	Article	IF	Citations
219	Reduced chemical weathering intensity in the Qaidam Basin (NE Tibetan Plateau) during the Late Cenozoic. Journal of Asian Earth Sciences, 2019, 170, 155-165.	2.3	31
220	Flexural subsidence analysis of the Laxmi Basin, Arabian Sea and its tectonic implications. Geological Magazine, 2020, 157, 834-847.	1.5	8
221	The Red River sediment budget in the Yinggehai and Qiongdongnan basins, northwestern South China Sea, and its tectonic implications. International Geology Review, 2020, 62, 1019-1035.	2.1	6
222	Sedimentary budget of the Northwest Sub-basin, South China Sea: controlling factors and geological implications. International Geology Review, 2020, 62, 970-987.	2.1	7
223	Slowing rates of regional exhumation in the western Himalaya: fission track evidence from the Indus Fan. Geological Magazine, 2020, 157, 848-863.	1.5	5
224	Clinoform growth and sediment flux into late Cenozoic Qiongdongnan shelf margin, South China Sea. Basin Research, 2020, 32, 302-319.	2.7	16
225	Role of inherent geological and climatic characteristics on landscape variability in the tectonically passive Western Ghat, India. Geomorphology, 2020, 350, 106840.	2.6	14
226	Isotopic record of palaeodiet of a 7.4 Ma Hipparionine fauna from the central Loess Plateau, northern China: Palaeo-ecological and palaeo-climatic implications. Chemical Geology, 2020, 532, 119353.	3.3	2
227	Large-scale mass wasting on the Miocene continental margin of western India. Bulletin of the Geological Society of America, 2020, 132, 85-112.	3.3	11
228	Climate change and tectonic implications during the Pliocene climate transition interval from lacustrine records in western Wei River Basin, central China. Geological Journal, 2020, 55, 7385-7399.	1.3	1
229	A tentative sediment budget for the Red River subaqueous delta in the Gulf of Tonkin: A synthesis of existing data. Regional Studies in Marine Science, 2020, 34, 101005.	0.7	3
230	Multiproxy Reducedâ€Ðimension Reconstruction of Pliocene Equatorial Pacific Sea Surface Temperatures. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003685.	2.9	9
231	East Asian monsoon evolution since the late Miocene from the South China Sea. Earth and Planetary Science Letters, 2020, 530, 115960.	4.4	35
232	Multiple fluvial styles in Late Miocene post-rift successions of the offshore Bohai Bay Basin (China): Evidence from a seismic geomorphological study. Marine and Petroleum Geology, 2020, 113, 104173.	3.3	6
233	Causation and mechanism of magnetic susceptibility trend in Upper Mioceneâ€“Pliocene red clay deposits of the eastern Chinese Loess Plateau. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 560, 110014.	2.3	3
234	Morphometry and Morphostructural Studies of the Parts of Gola River and Kalsa River Basins, Chanphi-Okhalkanda Region, Kumaun Lesser Himalaya, India. Geotectonics, 2020, 54, 410-427.	0.9	8
235	The Importance of Hillslope Scale in Responses of Chemical Erosion Rate to Changes in Tectonics and Climate. Journal of Geophysical Research F: Earth Surface, 2020, 125, e2020JF005562.	2.8	3
236	Increasing terrigenous sediment supply from Taiwan to the southern Okinawa Trough over the last 3000â€¯years evidenced by Sr Nd isotopes and geochemistry. Sedimentary Geology, 2020, 406, 105725.	2.1	9

#	Article	IF	Citations
237	Provenance discrimination of upper Yangtze River basin sediments: New insights from heavy mineral signatures and detrital magnetite geochemistry. Quaternary International, 2020, 568, 79-89.	1.5	5
238	Glacial-interglacial variation in catchment weathering and erosion paces the Indian summer monsoon during the Pleistocene. Quaternary Science Reviews, 2020, 248, 106619.	3.0	12
239	Rivers of Indochina as potential drivers of lineage diversification in the spotted flying lizard (Draco) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.7	9
240	Clay-fraction strontium and neodymium isotopes in the Indus Fan: implications for sediment transport and provenance. Geological Magazine, 2020, 157, 879-894.	1.5	9
241	Climateâ€“tectonic interactions in the eastern Arabian Sea. Geological Magazine, 2020, 157, 829-833.	1.5	0
242	The distribution of sediment residence times at the foot of mountains and its implications for proxies recorded in sedimentary basins. Earth and Planetary Science Letters, 2020, 546, 116448.	4.4	16
243	Geochemical records of Qionghai Lake sediments in southwestern China linked to late Quaternary climate changes. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 560, 109902.	2.3	10
244	Sequence stratigraphy of deep-water systems. Marine and Petroleum Geology, 2020, 114, 104238.	3.3	31
245	Asian monsoon dynamics and sediment transport in SE Asia. Journal of Asian Earth Sciences, 2020, 195, 104352.	2.3	21
246	Quantifying the threeâ€dimensional stratigraphic expression of cyclic steps by integrating seafloor and deepâ€water outcrop observations. Sedimentology, 2021, 68, 1465-1501.	3.1	16
247	Distinguishing tectonic versus climatic forcing on landscape evolution: An example from SE Tibetan Plateau. Bulletin of the Geological Society of America, 2021, 133, 233-242.	3.3	12
248	Geochemistry of the <scp>Palaeoceneâ€Eocene</scp> Upper Kelalan Formation, <scp>NW</scp> Borneo: Implications on palaeoweathering, tectonic setting, and provenance. Geological Journal, 2021, 56, 2500-2527.	1.3	10
249	Late Pleistocene sea-level changes and the formation and fill of bent valleys incised into the shelf of the western South China Sea. Journal of Asian Earth Sciences, 2021, 206, 104626.	2.3	5
250	The present-day Yangtze River was established in the late Miocene: Evidence from detrital zircon ages. Journal of Asian Earth Sciences, 2021, 205, 104600.	2.3	17
251	A 6 Ma record of palaeodenudation in the central Himalayas from in situ cosmogenic ¹⁰Be in the Surai section. Basin Research, 2021, 33, 1218-1239.	2.7	5
252	Monsoonâ€Enhanced Silicate Weathering as a New Atmospheric CO₂ Consumption Mechanism Contributing to Fast Late Miocene Global Cooling. Paleoceanography and Paleoclimatology, 2021, 36, .	2.9	18
253	Marine sedimentary records of chemical weathering evolution in the western Himalaya since 17 Ma. , 2021, 17, 824-853.		9
254	Distinct responses of late Miocene eolian and lacustrine systems to astronomical forcing in NE Tibet. Bulletin of the Geological Society of America, 2021, 133, 2266-2278.	3.3	3

#	Article	IF	Citations
255	Persistent Provenance of South Asian Monsoonâ€Induced Silicate Weathering Over the Past 27 Million Years. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA003909.	2.9	19
256	Himalayanâ€Tibetan Erosion Is Not the Cause of Neogene Global Cooling. Geophysical Research Letters, 2021, 48, e2020GL087742.	4.0	17
257	Palaeovegetation variation in response to the late Oligocene-early Miocene East Asian summer monsoon in the Ying-Qiong Basin, South China Sea. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 567, 110205.	2.3	18
258	Late Cenozoic Denudation and Topographic Evolution History of the Lhasa River Drainage in Southern Tibetan Plateau: Insights From Inverse Thermal History Modeling. Frontiers in Earth Science, 2021, 9, .	1.8	7
259	Seismic stratigraphy and the sedimentation history in the Laxmi Basin of the eastern Arabian Sea: Constraints from IODP Expedition 355. Geoscience Frontiers, 2021, 12, 101111.	8.4	5
260	East Asian monsoon intensification promoted weathering of the magnesium-rich southern China upper crust and its global significance. Science China Earth Sciences, 2021, 64, 1155-1170.	5.2	4
261	Mass balance of Neogene sediments in the Colombia basin relationship with the evolution of the Magdalena and Cauca River basins. CTyF - Ciencia, Tecnologia Y Futuro, 2021, 11, 65-95.	0.5	2
262	Sedimentology, geochronology, and provenance of the late Cenozoic â€œYangtze Gravelâ€• Implications for Lower Yangtze River reorganization and tectonic evolution in southeast China. Bulletin of the Geological Society of America, 2022, 134, 463-486.	3.3	3
263	Insights into evolution of a rift basin: Provenance of the middle Eocene-lower Oligocene strata of the Beibuwan Basin, South China Sea from detrital zircon. Sedimentary Geology, 2021, 419, 105908.	2.1	11
264	Role of the Early Miocene Jinhe-Qinghe Thrust Belt in the building of the Southeastern Tibetan Plateau topography. Tectonophysics, 2021, 811, 228871.	2.2	14
265	Spatiotemporal patterns of sediment deposition on the northern slope of the South China Sea in the last 150,000â€‰years. Journal of Palaeogeography, 2021, 10, .	1.9	5
266	Erosion and sedimentation in SE Tibet and Myanmar during the evolution of the Burmese continental margin from the Late Cretaceous to Early Neogene. Gondwana Research, 2021, 95, 149-175.	6.0	7
268	Enhanced Quaternary Exhumation in the Central Three Rivers Region, Southeastern Tibet. Frontiers in Earth Science, 2021, 9, .	1.8	10
269	Detrital zircon ages reveal Yangtze provenance since the early Oligocene in the East China Sea Shelf Basin. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 577, 110548.	2.3	4
270	Astronomical dating of Quaternary strata in the South Yellow Sea and its indication for paleoclimatic evolution. Marine Geology, 2021, 439, 106557.	2.1	8
271	Monsoon controls on sediment generation and transport: Mass budget and provenance constraints from the Indus River catchment, delta and submarine fan over tectonic and multimillennial timescales. Earth-Science Reviews, 2021, 220, 103682.	9.1	36
272	Paleoenvironmental conditions of the late Miocene â€œEntrerrienseâ€•epicontinental sea: A case study of the Camacho Formation, SW Uruguay. Journal of South American Earth Sciences, 2021, 110, 103421.	1.4	2
273	Fingerprinting sand from Asian rivers to the deep central South China Sea since the Late Miocene. Bulletin of the Geological Society of America, 2021, 133, 1964-1978.	3.3	8

#	Article	IF	Citations
275	Sedimentology. Developments in Paleoenvironmental Research, 2009, , 171-295.	8.0	8
276	Seismic Characteristics and Distribution of Large Scale Mass Transport Deposits in the Qiongdongnan Basin, South China Sea. Advances in Natural and Technological Hazards Research, 2014, , 413-422.	1.1	2
277	Structural and Thermal Evolution of the Himalayan Thrust Belt in Midwestern Nepal. , 2020, , 1-79.		14
281	Expedition 353 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	14
282	Expedition 354 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	20
283	Expedition 355 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	18
284	Site U1456. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	13
285	Site U1457. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	12
287	The metamorphic and magmatic record of collisional orogens. Nature Reviews Earth & Environment, 2021, 2, 781-799.	29.7	34
288	The Middle Miocene Unconformity (MMU) in the southern part of the Pattani Trough in the Gulf of Thailand. Journal of the Japanese Association for Petroleum Technology, 2011, 76, 545-555.	0.0	2
290	Expedition 354 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
291	Neogene shallow-marine and fluvial sediment dispersal, burial, and exhumation in the ancestral Brahmaputra delta: Indo-Burman Ranges, India. Journal of Sedimentary Research, 2020, 90, 1244-1263.	1.6	5
292	Sediment Recycling and the Evolution of Analog Orogenic Wedges. Tectonics, 2022, 41, .	2.8	8
293	Zircon Uâ€Pb Age Constraints on NW Himalayan Exhumation From the Laxmi Basin, Arabian Sea. Geochemistry, Geophysics, Geosystems, 2022, 23, .	2.5	2
294	Observational Data-Based Sequence Stratigraphy of a Clastic Wedge within an Active Foreland Basin, Spirit River Formation, West-Central Alberta, Canada. SSRN Electronic Journal, 0, , .	0.4	0
295	Sedimentary geochemical records of late Miocene-early Pliocene palaeovegetation and palaeoclimate evolution in the Ying-Qiong Basin, South China Sea. Marine Geology, 2022, 445, 106750.	2.1	7
296	Initial uplift of the Qilian Shan, northern Tibet since ca. 25 Ma: Implications for regional tectonics and origin of eolian deposition in Asia. Bulletin of the Geological Society of America, 2022, 134, 2531-2547.	3.3	9
297	Siliciclastic sediment volumes and rates of the North Pyrenean retroâ€foreland basin. Basin Research, 2022, 34, 1421-1439.	2.7	5

#	Article	IF	Citations
298	Sequence stratigraphic evolution of the Kumano forearc basin during the last deglaciation: Influence of eustasy and tectonically-controlled shelf morphology on deep-marine sediment dynamics. Sedimentary Geology, 2022, 430, 106100.	2.1	1
299	Miocene Provenance Changes in Taiwan Caused by Southward Input of Sediments From East China Sea Basin. Frontiers in Earth Science, 2022, 10, .	1.8	2
300	Observational data-based sequence stratigraphy of a clastic wedge within an active foreland basin, Spirit River Formation, west-central Alberta, Canada. Marine and Petroleum Geology, 2022, , 105681.	3.3	0
301	Palynomorph assemblages evidence for river reorganization 8.5 million years ago in Southeast Asia. Global and Planetary Change, 2022, 212, 103808.	3.5	2
302	Southeastern margin of the Tibetan Plateau stopped expanding in the late Miocene. Earth and Planetary Science Letters, 2022, 583, 117446.	4.4	20
307	Aromatic hydrocarbon signatures of the late Miocene-early Pliocene in the Yinggehai Basin, South China Sea: Implications for climate variations. Marine and Petroleum Geology, 2022, 142, 105733.	3.3	1
308	Changing Hillslopes: Evolution and Inheritance; Inheritance and Evolution of Slopes. , 2013, , 184-205.		0
309	Provenance study of the Miocene hemipelagic sediments in the Shikoku Basin and implication for the earlier history of the Kuroshio Current. Marine Geology, 2022, 450, 106861.	2.1	0
310	Detrital zircon geochronology and heavy mineral composition constraints on provenance evolution in the western Pearl River Mouth basin, northern south China sea: A source to sink approach. Marine and Petroleum Geology, 2022, 145, 105884.	3.3	23
311	Late Mesozoic to Cenozoic exhumation of the SE South China Block: Constraints from zircon and apatite fission-track thermochronology. Tectonophysics, 2022, 838, 229518.	2.2	8
312	Mid-Cretaceous drainage reorganization and exorheic to endorheic transition in Southeast Tibet. Sedimentary Geology, 2022, 439, 106221.	2.1	9
313	Southwestward growth of plateau surfaces in eastern Tibet. Earth-Science Reviews, 2022, 232, 104160.	9.1	18
314	Late Miocene reorganization of lake hydrological systems on the northern Tibetan Plateau linked to topographic growth. Catena, 2022, 219, 106626.	5.0	0
316	Sequence stratigraphy of deepwater systems. , 2022, , 443-470.		1
317	Reorganization of Asian climate in relation to Tibetan Plateau uplift. Nature Reviews Earth & Environment, 2022, 3, 684-700.	29.7	64
318	Accelerated sediment delivery to continental margins during postâ€orogenic rebound of mountain ranges. Basin Research, 2023, 35, 642-661.	2.7	2
319	Carbon Sequestration of the Middle Miocene Sunda Shelf Facilitated Global Climate Change. Geophysical Research Letters, 2022, 49, .	4.0	4
320	Oligocene-early Miocene rapid exhumation along the Xianshuihe fault system: Implications for the growth of the Southeastern Tibetan Plateau. Journal of Asian Earth Sciences, 2022, 240, 105443.	2.3	3

#	Article	IF	Citations
321	How did sediments disperse and accumulate in the oceanic basin, South China Sea. Marine and Petroleum Geology, 2023, 147, 105979.	3.3	5
322	Increased discharge of Yellow River sediments into the western Bohai Sea since 0.71 Ma. Quaternary Research, 0, , 1-9.	1.7	0
323	How erosion shapes dynamic Quaternary mountain environments: A review. Quaternary Science Advances, 2023, 9, 100071.	1.9	0
324	Geodynamic processes control sediment routing: Insight from the Earth surface evolution of the northern South China Sea margin and SE Tibetan Plateau. Journal of Asian Earth Sciences, 2023, , 105555.	2.3	0
325	C4 expansion of Central Asia in the middle Miocene linked to the strengthening Indian monsoon. Global and Planetary Change, 2023, 224, 104096.	3.5	0
326	A climate-driven transcontinental drainage system in the southeast Tibetan Plateau during the Early Cretaceous. Journal of Asian Earth Sciences, 2023, 248, 105615.	2.3	2
327	Landform evolution in Asia during the Cenozoic revealed by formation of drainages of Wei River and Indus River. Palaeogeography, Palaeoclimatology, Palaeoecology, 2023, 619, 111516.	2.3	4
328	Hydroclimatic conditions and sediment provenance in the northeastern Arabian Sea since the late Miocene: insights from geochemical and environmental magnetic records at IODP Site U1457 of the Laxmi Basin. Geological Magazine, 0, , 1-17.	1.5	0
329	Weakening of the South Asian summer monsoon linked to interhemispheric ice-sheet growth since 12 Ma. Nature Communications, 2023, 14, .	12.8	6
330	East Asian summer monsoon evolution recorded by the middle Miocene pelagic reddish clay, South China Sea. Global and Planetary Change, 2023, 222, 104072.	3.5	2
331	Groundwater arsenic contamination and its health effects in Bangladesh. , 2023, , 51-77.		3
332	Stepwise increased spatial provenance contrast on the Chinese Loess Plateau over late Miocene-Pleistocene. Communications Earth & Environment, 2023, 4, .	6.8	5
333	A dataset of sandstone detrital composition from Qinghaiâ€Tibet Plateau. Geoscience Data Journal, 2024, 11, 86-93.	4.4	1
334	Middleâ€“Late Cenozoic Stepwise Deformation Propagation in Eastern Tibet. Geophysical Research Letters, 2023, 50, .	4.0	2
335	Evolution of silicate weathering in South China since 30ÂMa: Controlling factors and global implications. Global and Planetary Change, 2023, 223, 104095.	3.5	1
338	Eocene to present evolution of the Pearl River, China: A quantitative provenance interpretation on large detrital zircon Uâ€“Pb geochronological data. Basin Research, 2023, 35, 2249-2267.	2.7	0
339	Tectonic Evolution of a Sedimented Oceanic Transform Fault: The Owen Transform Fault, Indian Ocean. Tectonics, 2023, 42, .	2.8	2
340	Incision history of the Mekong River valley revealed by spatially differential exhumation. Geomorphology, 2023, 435, 108730.	2.6	0

#	Article	IF	Citations
341	Properties of dolomitizing fluids indicated by rare earth elements: A case study of the Upper Miocene to Pliocene dolostone on the Xisha Islands, South China Sea. Sedimentary Geology, 2023, 455, 106475.	2.1	3
342	Episodic sandstone-type uranium mineralization in Asia during the Late Mesozoic-Cenozoic. Science China Earth Sciences, 2023, 66, 2034-2044.	5.2	0
343	æ™šä¸ç”Ÿä»£<bold>-</bold>æ–°ç”Ÿä»£äºšæ´²ç‚åˆ©é“€çŸ¿å¹•å¼ç†å¦. SCIENTIA SINICA Terrae, 202	0.5	0
344	Holocene provenance evolution of the northern South China Sea inferred from detrital zircon U-Pb geochronology and Hf isotopes. Global and Planetary Change, 2023, 228, 104207.	3.5	1
345	Synâ€•and postâ€•rift lower crustal flow under the Sunda Shelf, southern Vietnam: A role for climatically modulated erosion. Basin Research, 2024, 36, .	2.7	0
346	Provenance of deep-sea sediments in the eastern South China Sea since Marine Isotope Stage 5 (MIS 5) and implications for climate change and volcanic activity. Marine Geology, 2023, 463, 107118.	2.1	0
347	Paleoenvironmental changes in the coastal zone of the northwest South China Sea during the last 13 kyr. Scientific Reports, 2023, 13, .	3.3	1
348	Magnitude and timing of transient incision resulting from largeâ€scale drainage capture, Sutlej River, Northwest Himalaya. Earth Surface Processes and Landforms, 2024, 49, 334-353.	2.5	0
349	New Constraints on the Late Oligoceneâ€Miocene Thermoâ€Tectonic Evolution of the Southeastern Tibetan Plateau From Lowâ€Temperature Thermochronology. Tectonics, 2023, 42, .	2.8	4
350	æ–°ç‰¹æ–¯æ´›ç„æ‰“å¼€æ—¶é—´ä'Œæœºå^¶<bold>: </bold>é›…æ±Ÿç¼éå¸¦æ.æ;å²©çš„ç¤ºè¸	0.5	0
351	Global Coolingâ€Driven Summer Monsoon Weakening in South China Across the Eoceneâ€Oligocene Transition. Journal of Geophysical Research: Solid Earth, 2023, 128, .	3.4	0
352	Timing and mechanism of opening the Neo-Tethys Ocean: Constraints from mÃ©langes in the Yarlung Zangbo suture zone. Science China Earth Sciences, 2023, 66, 2807-2826.	5.2	1
353	Competing influence of the Taiwan orogen and East Asian Summer Monsoon on South China Sea paleoenvironmental proxy records. Palaeogeography, Palaeoclimatology, Palaeoecology, 2024, 635, 111933.	2.3	0
354	Ongoing Indiaâ€“Asia convergence controlled differential growth of the eastern Tibetan Plateau. Gondwana Research, 2024, 126, 386-405.	6.0	0
356	Late Cenozoic Cooling History of the Xigaze Fore-Arc Basin along the Yarlungâ€“Zangbo Suture Zone (Southern Tibet): New Insights from Low-Temperature Thermochronology. Lithosphere, 2024, 2024, .	1.4	0
357	Strontium isotope dating influenced by Rubidium contamination from terrestrial material: A case study fromÂtheÂCenozoic dolomite in the Xisha Islands, South China Sea. Sedimentology, 0, , .	3.1	0
358	Neogene and Quaternary sediment accumulation in the Okinawa trough. Marine and Petroleum Geology, 2024, 162, 106750.	3.3	0
359	Cenozoic crustal thickness variations and surface uplift in the southeastern Tibetan Plateau: Insights from detrital zircon trace elements in the Gongga Shan region. Lithos, 2024, 470-471, 107536.	1.4	0

#	Article	IF	Citations
360	Rare earth element geochemistry of reef carbonates in the South China Sea since the Miocene: Insights into paleoclimatic significance. Journal of Asian Earth Sciences, 2024, 265, 106094.	2.3	0
361	Magnetic Fingerprints for the Paleoenvironmental Evolutions Since the Last Deglaciation: Evidence From the Northwestern South China Sea Sediments. Paleoceanography and Paleoclimatology, 2024, 39, .	2.9	0