Christian France-Lanord

List of Publications by Year
in descending order

167	12,645	18436	24915
papers	citations	62 h-index	109 g-index

184	184	184	8500
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Weathering processes in the Gangesâ€“Brahmaputra basin and the riverine alkalinity budget. Chemical Geology, 1999, 159, 31-60.	1.4	567
2	Efficient organic carbon burial in the Bengal fan sustained by the Himalayan erosional system. Nature, 2007, 450, 407-410.	13.7	562
3	Crustal generation of the Himalayan leucogranites. Tectonophysics, 1987, 134, 39-57.	0.9	451
4	Asian monsoons in a late Eocene greenhouse world. Nature, 2014, 513, 501-506.	13.7	386
5	Higher erosion rates in the Himalaya: Geochemical constraints on riverine fluxes. Geology, 2001, 29, 23.	2.0	361
6	Organic carbon burial forcing of the carbon cycle from Himalayan erosion. Nature, 1997, 390, 65-67.	13.7	353
7	Neogene Himalayan weathering history and river87Sr86Sr: impact on the marine Sr record. Earth and Planetary Science Letters, 1996, 142, 59-74.	1.8	324
8	Mineralogical and chemical variability of fluvial sediments 2. Suspended-load silt (Gangaâ€“Brahmaputra, Bangladesh). Earth and Planetary Science Letters, 2011, 302, 107-120.	1.8	296
9	Quantifying Li isotope fractionation during smectite formation and implications for the Li cycle. Geochimica Et Cosmochimica Acta, 2008, 72, 780-792.	1.6	266
10	Sustained sulfide oxidation by physical erosion processes in the Mackenzie River basin: Climatic perspectives. Geology, 2007, 35, 1003.	2.0	257
11	The strontium isotopic budget of Himalayan rivers in Nepal and Bangladesh. Geochimica Et Cosmochimica Acta, 1999, 63, 1905-1925.	1.6	253
12	Grain size control of river suspended sediment geochemistry: Clues from Amazon River depth profiles. Geochemistry, Geophysics, Geosystems, 2011, 12, .	1.0	243
13	Predominant floodplain over mountain weathering of Himalayan sediments (Ganga basin). Geochimica Et Cosmochimica Acta, 2012, 84, 410-432.	1.6	234
14	Mineralogical and chemical variability of fluvial sediments1. Bedload sand (Gangaâ€“Brahmaputra,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	230
15	Recycling of Graphite During Himalayan Erosion: A Geological Stabilization of Carbon in the Crust. Science, 2008, 322, 943-945.	6.0	205
16	Tracing the distribution of erosion in the Brahmaputra watershed from isotopic compositions of stream sediments. Earth and Planetary Science Letters, 2002, 202, 645-662.	1.8	198
17	Loading and fate of particulate organic carbon from the Himalaya to the Gangaâ€“Brahmaputra delta. Geochimica Et Cosmochimica Acta, 2008, 72, 1767-1787.	1.6	187
18	Increasing chemical weathering in the Himalayan system since the Last Glacial Maximum. Earth and Planetary Science Letters, 2013, 365, 243-252.	1.8	185

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19	Chemical erosion in the eastern Himalaya: Major ion composition of the Brahmaputra and Î´13C of dissolved inorganic carbon. Geochimica Et Cosmochimica Acta, 2005, 69, 3573-3588.	1.6	174
20	Badrinath-Gangotri plutons (Garhwal, India): petrological and geochemical evidence for fractionation processes in a high Himalayan leucogranite. Journal of Volcanology and Geothermal Research, 1990, 44, 163-188.	0.8	168
21	pH control on oxygen isotopic composition of symbiotic corals. Earth and Planetary Science Letters, 2003, 215, 275-288.	1.8	162
22	Evolution of the Himalaya since Miocene time: isotopic and sedimentological evidence from the Bengal Fan. Geological Society Special Publication, 1993, 74, 603-621.	0.8	158
23	Reduced Himalayan sediment production 8 Myr ago despite an intensified monsoon. Nature, 1993, 364, 48-50.	13.7	154
24	Sand petrology and focused erosion in collision orogens: the Brahmaputra case. Earth and Planetary Science Letters, 2004, 220, 157-174.	1.8	139
25	Magnesium isotope systematics of the lithologically varied Moselle river basin, France. Geochimica Et Cosmochimica Acta, 2008, 72, 5070-5089.	1.6	138
26	Root exudates modify bacterial diversity of phenanthrene degraders in PAHâ€polluted soil but not phenanthrene degradation rates. Environmental Microbiology, 2011, 13, 722-736.	1.8	137
27	Lithium isotopes in large rivers reveal the cannibalistic nature of modern continental weathering and erosion. Earth and Planetary Science Letters, 2014, 401, 359-372.	1.8	137
28	10Be-derived Himalayan denudation rates and sediment budgets in the Ganga basin. Earth and Planetary Science Letters, 2012, 333-334, 146-156.	1.8	135
29	of organic carbon in the Bengal Fan: Source evolution and transport of C3 and C4 plant carbon to marine sediments. Geochimica Et Cosmochimica Acta, 1994, 58, 4809-4814.	1.6	132
30	A Rouse-based method to integrate the chemical composition of river sediments: Application to the Ganga basin. Journal of Geophysical Research, 2011, 116, .	3.3	132
31	Oxidation of petrogenic organic carbon in the Amazon floodplain as a source of atmospheric CO2. Geology, 2010, 38, 255-258.	2.0	130
32	Crustal melting and granite genesis during the Himalayan collision orogenesis. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 1988, 79, 183-195.	0.3	129
33	Fractionation of boron isotopes during erosion processes: the example of Himalayan rivers. Geochimica Et Cosmochimica Acta, 2000, 64, 397-408.	1.6	129
34	Source, transport and fluxes of Amazon River particulate organic carbon: Insights from river sediment depth-profiles. Geochimica Et Cosmochimica Acta, 2014, 133, 280-298.	1.6	122
35	C4 plants decline in the Himalayan basin since the Last Glacial Maximum. Quaternary Science Reviews, 2008, 27, 1396-1409.	1.4	119
36	Turbulent mixing in the Amazon River: The isotopic memory of confluences. Earth and Planetary Science Letters, 2010, 290, 37-43.	1.8	118

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37	Which minerals control the Ndâ€“Hfâ€“Srâ€“Pb isotopic compositions of river sediments?. Chemical Geology, 2014, 364, 42-55.	1.4	114
38	Quantifying sand provenance and erosion (Marsyandi River, Nepal Himalaya). Earth and Planetary Science Letters, 2007, 258, 500-515.	1.8	113
39	Hydrogen and oxygen isotope variations in the high himalaya peraluminous Manaslu leucogranite: Evidence for heterogeneous sedimentary source. Geochimica Et Cosmochimica Acta, 1988, 52, 513-526.	1.6	111
40	Enrichment of deuterium in insoluble organic matter from primitive meteorites: A solar system origin?. Earth and Planetary Science Letters, 2006, 243, 15-25.	1.8	111
41	The provenance of vegetation and environmental signatures encoded in vascular plant biomarkers carried by the Gangesâ€“Brahmaputra rivers. Earth and Planetary Science Letters, 2011, 304, 1-12.	1.8	107
42	Propagation of the thrust system and erosion in the Lesser Himalaya: Geochemical and sedimentological evidence. Geology, 2001, 29, 1007.	2.0	104
43	Isotopic tracing of the dissolved U fluxes of Himalayan rivers: implications for present and past U budgets of the Ganges-Brahmaputra system. Geochimica Et Cosmochimica Acta, 2001, 65, 3201-3217.	1.6	101
44	Degassing of metamorphic carbon dioxide from the Nepal Himalaya. Geochemistry, Geophysics, Geosystems, 2008, 9, .	1.0	101
45	Neogene growth of the sedimentary organic carbon reservoir. Paleoceanography, 1996, 11, 267-275.	3.0	100
46	Time-scales of sedimentary transfer and weathering processes from U-series nuclides: Clues from the Himalayan rivers. Earth and Planetary Science Letters, 2007, 261, 389-406.	1.8	98
47	Floodplains of large rivers: Weathering reactors or simple silos?. Chemical Geology, 2012, 332-333, 166-184.	1.4	96
48	Continental sedimentary processes decouple Nd and Hf isotopes. Geochimica Et Cosmochimica Acta, 2013, 121, 177-195.	1.6	85
49	Enhanced silicate weathering of tropical shelf sediments exposed during glacial lowstands: A sink for atmospheric CO2. Geochimica Et Cosmochimica Acta, 2017, 200, 123-144.	1.6	85
50	U-series disequilibria in suspended river sediments and implication for sediment transfer time in alluvial plains: The case of the Himalayan rivers. Geochimica Et Cosmochimica Acta, 2010, 74, 2851-2865.	1.6	80
51	Oxygen isotope composition as a tracer for the origins of rubies and sapphires. Geology, 2005, 33, 249.	2.0	79
52	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.	1.8	79
53	The Late Oligocene-Early Miocene Himalayan belt Constraints deduced from isotopic compositions of Early Miocene turbidites in the Bengal Fan. Tectonophysics, 1996, 260, 109-118.	0.9	73
54	How important is it to integrate riverine suspended sediment chemical composition with depth? Clues from Amazon River depth-profiles. Geochimica Et Cosmochimica Acta, 2011, 75, 6955-6970.	1.6	73

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55	Sedimentology and chemostratigraphy of the Bwipe Neoproterozoic cap dolostones (Ghana, Volta) Tj ETQq1 1 0.784314 rgBT /Overlock 339, 223-239.	0.4	70
56	History of Asian eolian input to the Sea of Japan since 15 Ma: Links to Tibetan uplift or global cooling?. Earth and Planetary Science Letters, 2017, 474, 296-308.	1.8	68
57	Geological and land use control on Î´34S and Î´18O of river dissolved sulfate: The Moselle river basin, France. Chemical Geology, 2007, 244, 25-41.	1.4	67
58	A palaeo Tibetâ€“Myanmar connection? Reconstructing the Late Eocene drainage system of central Myanmar using a multi-proxy approach. Journal of the Geological Society, 2013, 170, 929-939.	0.9	66
59	Fluid Composition, Î´D of Channel H₂O, and Î´¹⁸O of Lattice Oxygen in Beryls: Genetic Implications for Brazilian, Colombian, and Afghanistani Emerald Deposits. International Geology Review, 1997, 39, 400-424.	1.1	65
60	Oxygen Isotopes and Emerald Trade Routes Since Antiquity. Science, 2000, 287, 631-633.	6.0	65
61	Linked fluid and tectonic evolution in the High Himalaya mountains (Nepal). Contributions To Mineralogy and Petrology, 1991, 107, 358-372.	1.2	63
62	Hydrothermal source of radiogenic Sr to Himalayan rivers. Geology, 2001, 29, 803.	2.0	63
63	Geochemical evidence for efficient aquifer isolation over geological timeframes. Nature, 2003, 425, 55-58.	13.7	63
64	Sr and 87Sr/86Sr in waters and sediments of the Brahmaputra river system: Silicate weathering, CO2 consumption and Sr flux. Chemical Geology, 2006, 234, 308-320.	1.4	62
65	Prediction of depthâ€integrated fluxes of suspended sediment in the Amazon River: particle aggregation as a complicating factor. Hydrological Processes, 2011, 25, 778-794.	1.1	58
66	Behavior of Re and Os during low-temperature alteration: Results from Himalayan soils and altered black shales. Geochimica Et Cosmochimica Acta, 2002, 66, 1539-1548.	1.6	57
67	Oxygen isotope systematics of emerald: relevance for its origin and geological significance. Mineralium Deposita, 1998, 33, 513-519.	1.7	55
68	The Os isotopic composition of Himalayan river bedloads and bedrocks: importance of black shales. Earth and Planetary Science Letters, 2000, 176, 203-218.	1.8	55
69	Geothermal fluxes of alkalinity in the Narayani river system of central Nepal. Geochemistry, Geophysics, Geosystems, 2004, 5, .	1.0	55
70	Occurrence of eight household micropollutants in urban wastewater and their fate in a wastewater treatment plant. Statistical evaluation. Science of the Total Environment, 2014, 481, 459-468.	3.9	55
71	C and O isotope compositions of modern fresh-water mollusc shells and river waters from the Himalaya and Ganga plain. Chemical Geology, 2006, 233, 156-183.	1.4	53
72	Annual dissolved fluxes from Central Nepal rivers: budget of chemical erosion in the Himalayas. Comptes Rendus - Geoscience, 2003, 335, 1131-1140.	0.4	52

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73	Determination of Total Organic Carbon Content and Î´¹³C in Carbonateâ€Rich Detrital Sediments. Geostandards and Geoanalytical Research, 2007, 31, 199-207.	2.0	52
74	Fluid record of rock exhumation across the brittleâ€“ductile transition during formation of a Metamorphic Core Complex (Naxos Island, Cyclades, Greece). Journal of Metamorphic Geology, 2013, 31, 313-338.	1.6	52
75	Steady erosion rates in the Himalayas through late Cenozoic climatic changes. Nature Geoscience, 2020, 13, 448-452.	5.4	51
76	A direct evidence for high carbon dioxide and radon-222 discharge in Central Nepal. Earth and Planetary Science Letters, 2009, 278, 198-207.	1.8	49
77	Global climate perturbations during the Permo-Triassic mass extinctions recorded by continental tetrapods from South Africa. Gondwana Research, 2016, 37, 384-396.	3.0	49
78	Oxygen isotope composition of garnet and spinel peridotites in the continental mantle: Evidence from the Vitim xenolith suite, southern Siberia. Geochimica Et Cosmochimica Acta, 1994, 58, 1463-1470.	1.6	48
79	Os-Sr-Nd results from sediments in the Bay of Bengal: Implications for sediment transport and the marine Os record. Paleoceanography, 2001, 16, 435-444.	3.0	46
80	Isotopic tracing of clear water sources in an urban sewer: A combined water and dissolved sulfate stable isotope approach. Water Research, 2010, 44, 256-266.	5.3	46
81	The Syabruâ€Bensi hydrothermal system in central Nepal: 1. Characterization of carbon dioxide and radon fluxes. Journal of Geophysical Research: Solid Earth, 2014, 119, 4017-4055.	1.4	45
82	Monsoonal forcing of Holocene glacier fluctuations in Ganesh Himal (Central Nepal) constrained by cosmogenic 3He exposure ages of garnets. Earth and Planetary Science Letters, 2006, 252, 275-288.	1.8	44
83	Biological control of internal pH in scleractinian corals: Implications on paleo-pH and paleo-temperature reconstructions. Comptes Rendus - Geoscience, 2011, 343, 397-405.	0.4	44
84	From evaporated seawater to uranium-mineralizing brines: Isotopic and trace element study of quartzâ€“dolomite veins in the Athabasca system. Geochimica Et Cosmochimica Acta, 2013, 113, 38-59.	1.6	44
85	Chemical and isotopic (87Sr/86Sr, Î´18O, Î´D) constraints to the formation processes of Red-Sea brines. Geochimica Et Cosmochimica Acta, 2001, 65, 1259-1275.	1.6	43
86	Cenozoic evolution of the central Myanmar drainage system: insights from sediment provenance in the Minbu Subâ€Basin. Basin Research, 2016, 28, 237-251.	1.3	43
87	Sustained wood burial in the Bengal Fan over the last 19 My. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22518-22525.	3.3	43
88	Fluxes and sources of particulate organic carbon in the Ganga-Brahmaputra river system. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	1.9	42
89	238Uâ€“234Uâ€“230Th disequilibria and timescale of sedimentary transfers in rivers: Clues from the Gangetic plain rivers. Journal of Geochemical Exploration, 2006, 88, 373-375.	1.5	41
90	Post-glacial climate forcing of surface processes in the Gangesâ€“Brahmaputra river basin and implications for carbon sequestration. Earth and Planetary Science Letters, 2017, 478, 89-101.	1.8	41

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91	Cosmogenic 3He in Himalayan garnets indicating an altitude dependence of the 3He/10Be production ratio. Earth and Planetary Science Letters, 2004, 229, 91-104.	1.8	40
92	Hydrothermal heat flow near the Main Central Thrust, central Nepal Himalaya. Earth and Planetary Science Letters, 2009, 286, 101-109.	1.8	40
93	Monsoon control over erosion patterns in the Western Himalaya: possible feed-back into the tectonic evolution. Geological Society Special Publication, 2010, 342, 185-218.	0.8	40
94	Grain-size dependent concentration of cosmogenic 10Be and erosion dynamics in a landslide-dominated Himalayan watershed. Geomorphology, 2014, 224, 55-68.	1.1	40
95	Himalayan Weathering and Erosion Fluxes: Climate and Tectonic Controls. , 1997, , 289-312.		37
96	Sedimentology and Isotopic Chemistry of the Bengal Fan Sediments: The Denudation of the Himalaya. , 0, , .		37
97	Persistent CO2 emissions and hydrothermal unrest following the 2015 earthquake in Nepal. Nature Communications, 2018, 9, 2956.	5.8	36
98	¹⁰Be systematics in the Tsangpo-Brahmaputra catchment: the cosmogenic nuclide legacy of the eastern Himalayan syntaxis. Earth Surface Dynamics, 2017, 5, 429-449.	1.0	35
99	Interactions between tectonics and fluid circulations in an inverted hyper-extended basin: Example of mesozoic carbonate rocks of the western North Pyrenean Zone (ChaÃ®nons BÃ©arnais, France). Marine and Petroleum Geology, 2017, 80, 563-586.	1.5	32
100	CO2-Laser Extraction-Static Mass Spectrometry Analysis of Ultra-Low Concentrations of Nitrogen in Silicates. Geostandards and Geoanalytical Research, 2000, 24, 255-260.	1.7	29
101	Water-saturated oceanic lavas from the Manus Basin: volatile behaviour during assimilationâ€“fractional crystallisationâ€“degassing (AFCD). Journal of Volcanology and Geothermal Research, 2001, 108, 1-10.	0.8	29
102	Sulfate Reduction by Organic Matter in Colombian Emerald Deposits: Chemical and Stable Isotope (C,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.8	28
103	Large-scale organization of carbon dioxide discharge in the Nepal Himalayas. Geophysical Research Letters, 2014, 41, 6358-6366.	1.5	26
104	Re-Os isotope systematics of sediments of the Brahmaputra River system. Geochimica Et Cosmochimica Acta, 2003, 67, 4101-4111.	1.6	24
105	Origin of arsenic in Late Pleistocene to Holocene sediments in the Nawalparasi district (Terai, Nepal). Environmental Earth Sciences, 2015, 74, 2571-2593.	1.3	24
106	Annual Sediment Transport Dynamics in the Narayani Basin, Central Nepal: Assessing the Impacts of Erosion Processes in the Annual Sediment Budget. Journal of Geophysical Research F: Earth Surface, 2018, 123, 2341-2376.	1.0	23
107	Provenance of Bengal Shelf Sediments: 2. Petrology and Geochemistry of Sand. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	23
108	Role of permeability barriers in alluvial hydromorphic palaeosols: The Eocene Pondaung Formation, Myanmar. Sedimentology, 2014, 61, 362-382.	1.6	22

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109	Removing the â€œheavy mineral effectâ€•to obtain a new Pb isotopic value for the upper crust. Geochemistry, Geophysics, Geosystems, 2013, 14, 3324-3333.	1.0	20
110	An unshakable carbon budget for the Himalaya. Nature Geoscience, 2021, 14, 745-750.	5.4	20
111	Expedition 354 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	20
112	U-series disequilibria in minerals from Gandak River sediments (Himalaya). Chemical Geology, 2018, 477, 22-34.	1.4	19
113	Site U1451. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	18
114	Provenance of Bengal Shelf Sediments: 1. Mineralogy and Geochemistry of Silt. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	0.8	17
115	Effective radium concentration across the Main Central Thrust in the Nepal Himalayas. Geochimica Et Cosmochimica Acta, 2012, 98, 203-227.	1.6	16
116	Expedition 354 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	16
117	Uâ€“Thâ€“Ra variations in Himalayan river sediments (Gandak river, India): Weathering fractionation and/or grain-size sorting?. Geochimica Et Cosmochimica Acta, 2016, 193, 176-196.	1.6	15
118	The Cenomanianâ€”Turonian Boundary Event (CTBE) in north-central Tunisia (Jebels Serj and Bargou) integrated into regional data (Algeria to Tunisia). Cretaceous Research, 2019, 94, 108-125.	0.6	15
119	Sulfate Reduction by Organic Matter in Colombian EmeraldDeposits: Chemical and Stable Isotope (C, O,) Tj ETQq1 1 0.784314 rgBT /	1.8	14
120	Impact of sedimentâ€“seawater cation exchange on Himalayan chemical weathering fluxes. Earth Surface Dynamics, 2016, 4, 675-684.	1.0	13
121	Middle to Late Pleistocene Architecture and Stratigraphy of the Lower Bengal Fanâ€”Integrating Multichannel Seismic Data and IODP Expedition 354 Results. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008702.	1.0	13
122	⁴⁰Ar/³⁹Ar ages of muscovites from modern Himalayan rivers: Himalayan evolution and the relative contribution of tectonics and climate. , 2015, 11, 1837-1859.		12
123	Impure marbles of the Lesser Himalaya: another source of continental radiogenic osmium. Earth and Planetary Science Letters, 2002, 204, 203-214.	1.8	11
124	Origins of formation waters in the <scp>L</scp>lanos foreland basin of <scp>C</scp>olombia: geochemical variation and fluid flow history. Geofluids, 2014, 14, 443-458.	0.3	10
125	Isotopic chemistry and sedimentology of the Bengal fan sediments: The denudation of the Himalaya. Chemical Geology, 1990, 84, 368-370.	1.4	9
126	Os isotopic compositions of leachates and bulk sediments from the Bengal Fan. Earth and Planetary Science Letters, 1997, 150, 117-127.	1.8	9

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127	Middle to Late Pleistocene Evolution of the Bengal Fan: Integrating Core and Seismic Observations for Chronostratigraphic Modeling of the IODP Expedition 354 8Â° North Transect. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008878.	1.0	8
128	Site U1452. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	8
129	Isotope Geochemistry of Leg 129 Basalts: Implications for the Origin of the Widespread Cretaceous Volcanic Event in the Pacific. , 0, , .		7
130	Site U1450. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	7
131	Validation and calibration of soil Î´2H and brGDGTs along (E-W) and strike (N-S) of the Himalayan climatic gradient. Geochimica Et Cosmochimica Acta, 2020, 290, 408-423.	1.6	6
132	Molecular Tracing of Riverine Soil Organic Matter From the Central Himalaya. Geophysical Research Letters, 2020, 47, e2020GL087403.	1.5	6
133	Data report: calcareous nannofossils and lithologic constraints on the age model of IODP Site U1450, Expedition 354, Bengal Fan. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	6
134	Tracing Silicate Weathering in the Himalaya Using the 40K-40Ca System: A Reconnaissance Study. Procedia Earth and Planetary Science, 2014, 10, 238-242.	0.6	5
135	Insights into stable isotope characterization to monitor the signification of soil water sampling for environmental studies dealing with soil water dynamics through the unsaturated zone. Comptes Rendus - Geoscience, 2015, 347, 317-327.	0.4	5
136	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.	1.3	5
137	Miocene Tuff from Mariana Basin, Leg 129, Site 802: A First Deep-Sea Occurrence of Thaumasite. , 0, , .		5
138	Radon signature of CO2 flux constrains the depth of degassing: Furnas volcano (Azores, Portugal) versus Syabru-Bensi (Nepal Himalayas). Scientific Reports, 2022, 12, .	1.6	5
139	The evolution of carbon signatures carried by the Ganges-Brahmaputra river system: a source-to-sink perspective. , 0, , 353-372.		4
140	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.	2.3	4
141	Hydrogen Isotope Composition of Pore Waters and Interlayer Water in Sediments from the Central Western Pacific, Leg 129. , 0, , .		4
142	Transfer of the Sr isotopic signature of the Himalayas to the Bay of Bengal. Deep-Sea Research Part II: Topical Studies in Oceanography, 2003, 50, 951-960.	0.6	3
143	Turbulent mixing in the Amazon River: The isotopic memory of confluences. Earth and Planetary Science Letters, 290 (2010), pp. 37â€“43. Earth and Planetary Science Letters, 2011, 311, 448-450.	1.8	3
144	Organic Carbon Cycling During Himalayan Erosion: Processes, Fluxes and Consequences for the Global Carbon Cycle. , 2010, , 163-181.		3

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145	Behavior of osmium at the freshwater-saltwater interface based on Ganga derived sediments from the estuarine zone. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	1.0	2
146	Application de l'analyse isotopique par spectromÃ©trie de masse et sonde ionique de l'oxygÃ¨ne des Â©meraudes naturelles. Analusis - European Journal of Analytical Chemistry, 1999, 27, 203-206.	0.4	2
147	Major Element and Sr Isotope Composition of Interstitial Waters in Sediments from Leg 129: The Role of Diagenetic Reactions. , 0, , .		2
148	Data Report: Summary of Geochemical Data for Leg 129 Igneous Rocks. , 0, , .		2
149	Site U1453. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	2
150	Site U1455. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	2
151	Site U1454. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	2
152	Formation temperatures of clays from the volcaniclastic series of Site 841 ODP: an oxygen isotopic record of a paleothermal flux into the Tonga forearc. Contributions To Mineralogy and Petrology, 1999, 134, 364-369.	1.2	1
153	High K and Ca Chemical Erosion Triggered by Physical Erosion in a Watershed of the High Himalaya of Nepal. Procedia Earth and Planetary Science, 2014, 10, 292-296.	0.6	1
154	Continental Erosion and Co2 Uptake. Inferences from the Himalayan System. Mineralogical Magazine, 1998, 62A, 466-467.	0.6	1
155	Large scale infiltration of fluids during regional metamorphism. H and C isotope evidence from central Nepal. Chemical Geology, 1988, 70, 160.	1.4	0
156	Reply to the Comment made by C. Gualtieri on â€œTurbulent mixing in the Amazon River: The isotopic memory of confluencesâ€ by J. Bouchez, E. Lajeunesse, J. Gaillardet, C. France-Lanord, P. Dutra-Maia and L. Maurice. Earth and Planetary Science Letters, 2011, 311, 451-452.	1.8	0
157	The record of climate and uplift in the palaeo-Ganga plain: A way to decipher the interactions between climate and tectonics. Himalayan Journal of Sciences, 2006, 2, 156-157.	0.3	0
158	Site U1449. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
159	Expedition 354 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
160	Expedition 354 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
161	Site U1449. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
162	Site U1450. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0

#	Article	IF	Citations
163	Site U1451. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
164	Site U1452. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
165	Site U1453. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
166	Site U1454. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
167	Site U1455. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0