

Laurence Droz

List of Publications by Year in descending order

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63
papers

2,030
citations

201385

27
h-index

253896

43
g-index

65
all docs

65
docs citations

65
times ranked

1711
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology and recent evolution of the Zaire turbidite system (Gulf of Guinea). Bulletin of the Geological Society of America, 1996, 108, 253-269.	1.6	106
2	A walk down the Cap de Creus canyon, Northwestern Mediterranean Sea: Recent processes inferred from morphology and sediment bedforms. Marine Geology, 2007, 246, 176-192.	0.9	102
3	Architecture of an active mud-rich turbidite system: The Zaire Fan (Congo-Angola margin southeast) Tj ETQq1 1 0,784314 rgBT /Ove	0.7	100
4	Channel-mouth lobe complex of the recent Amazon Fan: The missing piece. Marine Geology, 2008, 252, 62-77.	0.9	91
5	Late Quaternary channel avulsions on the Danube deep-sea fan, Black Sea. Marine Geology, 2001, 179, 25-37.	0.9	89
6	Controls on turbidite sedimentation: Insights from a quantitative approach of submarine channel and lobe architecture (Late Quaternary Congo Fan). Marine and Petroleum Geology, 2016, 72, 423-446.	1.5	84
7	Plio-Pleistocene evolution of the Var deep-sea fan off the French Riviera. Marine and Petroleum Geology, 1993, 10, 550-571.	1.5	77
8	Early spreading and continental to oceanic basement transition beneath the Indus deep-sea fan: northeastern Arabian Sea. Marine Geology, 1997, 141, 221-235.	0.9	67
9	Crustal structure of a young margin pair: New results across the Liguro-Provencal Basin from wide-angle seismic tomography. Earth and Planetary Science Letters, 2009, 286, 333-345.	1.8	58
10	Architecture and depositional pattern of the RhÃne Neofan and recent gravity activity in the Gulf of Lions (western Mediterranean). Marine and Petroleum Geology, 2005, 22, 827-843.	1.5	57
11	Multi-scale slope instabilities along the Nile deep-sea fan, Egyptian margin: A general overview. Marine and Petroleum Geology, 2009, 26, 633-646.	1.5	55
12	Deep-sea avulsion and morphosedimentary evolution of the Rhone Fan Valley and Neofan during the Late Quaternary (north-western Mediterranean Sea). Sedimentology, 1997, 44, 457-447.	1.6	51
13	Morphology, structure, composition and build-up processes of the active channel-mouth lobe complex of the Congo deep-sea fan with inputs from remotely operated underwater vehicle (ROV) multibeam and video surveys. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 142, 25-49.	0.6	49
14	Recent sedimentary events in the western Gulf of Lions (Western Mediterranean). Marine Geology, 2001, 176, 23-37.	0.9	46
15	The influence of bottom currents on the Zambezi Valley morphology (Mozambique Channel, SW Indian) Tj ETQq1 1 0,784314 rgBT /Ove	0.9	46
16	Quantifying subsidence and isostatic readjustment using sedimentary paleomarkers, example from the Gulf of Lion. Earth and Planetary Science Letters, 2014, 388, 353-366.	1.8	42
17	The Nile deep sea fan: preliminary results from a swath bathymetry survey. Marine and Petroleum Geology, 2001, 18, 471-477.	1.5	40
18	Active fault system across the oceanic lithosphere of the Mozambique Channel: Implications for the Nubia-Somalia southern plate boundary. Earth and Planetary Science Letters, 2018, 502, 210-220.	1.8	37

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19	Quaternary turbidite systems on the northern margins of the Balearic Basin (Western Mediterranean): a synthesis. <i>Geo-Marine Letters</i> , 2006, 26, 347-359.	0.5	35
20	Origin and distribution of the organic matter in the distal lobe of the Congo deep-sea fan – A Rock-Eval survey. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 142, 75-90.	0.6	34
21	Eivissa slides, western Mediterranean Sea: morphology and processes. <i>Geo-Marine Letters</i> , 2006, 26, 225-233.	0.5	33
22	Slope instabilities from echo-character mapping along the French Guiana transform margin and Demerara abyssal plain. <i>Marine and Petroleum Geology</i> , 2009, 26, 711-723.	1.5	33
23	Effects of a regional décollement level for gravity tectonics on late Neogene to recent large-scale slope instabilities in the Foz do Amazonas Basin, Brazil. <i>Marine and Petroleum Geology</i> , 2016, 75, 29-52.	1.5	33
24	The impact of internal waves on upper continental slopes: insights from the Mozambican margin (southwest Indian Ocean). <i>Earth Surface Processes and Landforms</i> , 2020, 45, 1469-1482.	1.2	33
25	Stratigraphic simulations of the shelf of the Gulf of Lions: testing subsidence rates and sea-level curves during the Pliocene and Quaternary. <i>Terra Nova</i> , 2014, 26, 230-238.	0.9	30
26	The Congolobe project, a multidisciplinary study of Congo deep-sea fan lobe complex: Overview of methods, strategies, observations and sampling. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 142, 7-24.	0.6	29
27	Description of a contourite depositional system on the Demerara Plateau: Results from geophysical data and sediment cores. <i>Marine Geology</i> , 2016, 378, 56-73.	0.9	28
28	The Ebro and the Rhone deep-sea fans: First comparative study. <i>Marine Geology</i> , 1981, 43, M75-M85.	0.9	27
29	Gondwana breakup: Messages from the North Natal Valley. <i>Terra Nova</i> , 2020, 32, 205-214.	0.9	27
30	Monsoon control on channel avulsions in the Late Quaternary Congo Fan. <i>Quaternary Science Reviews</i> , 2019, 204, 149-171.	1.4	26
31	Small submarine fans on the eastern margin of Corsica: Sedimentary significance and tectonic implications. <i>Marine Geology</i> , 1994, 117, 177-185.	0.9	25
32	Inferring denudation variations from the sediment record; an example of the last glacial cycle record of the Golo Basin and watershed, East Corsica, western Mediterranean sea. <i>Basin Research</i> , 2013, 25, 197-218.	1.3	24
33	A high sinuosity, laterally migrating submarine fan channel-levee-overbank: results from DSDP Leg 96 on the Mississippi Fan, Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 1986, 3, 3-18.	1.5	22
34	Organic carbon accumulation in modern sediments of the Angola basin influenced by the Congo deep-sea fan. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 142, 64-74.	0.6	22
35	Late Quaternary geomorphology and sedimentary processes in the Zambezi turbidite system (Mozambique Channel). <i>Geomorphology</i> , 2019, 334, 1-28.	1.1	21
36	Carbon and silica megasink in deep-sea sediments of the Congo terminal lobes. <i>Quaternary Science Reviews</i> , 2019, 222, 105854.	1.4	20

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37	Seismic evidence of widespread mass transport deposits in the Rhône deep-sea fan: Their role in the fan construction. <i>Marine Geology</i> , 1986, 71, 327-340.	0.9	19
38	Structure et évolution récente de l'écoulement turbiditique du Zaïre: premiers résultats scientifiques des missions d'exploration Zaïre 1 & 2 (marge Congo-Angola). <i>Comptes Rendus De L'Académie Des Sciences Earth & Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 2000, 331, 211-220.	0.2	19
39	High-resolution vegetation history of West Africa during the last 145 ka. <i>Geobios</i> , 2014, 47, 183-198.	0.7	19
40	High-resolution evolution of terrigenous sediment yields in the Provence Basin during the last 6 Ma: relation with climate and tectonics. <i>Basin Research</i> , 2017, 29, 305-339.	1.3	19
41	Structure of the Demerara passive-transform margin and associated sedimentary processes. Initial results from the IGUANES cruise. <i>Geological Society Special Publication</i> , 2016, 431, 179-197.	0.8	18
42	Sedimentary markers in the Provençal Basin (western Mediterranean): a window into deep geodynamic processes. <i>Terra Nova</i> , 2015, 27, 122-129.	0.9	17
43	Detailed morphology, sedimentary structure and evolution of the continental margin of the western Provençal basin (south of France) since the late Miocene. <i>Marine Geology</i> , 1989, 89, 259-268.	0.9	14
44	Quantification of last glacial-Holocene net primary productivity and upwelling activity in the equatorial eastern Atlantic with a revised modern dinocyst database. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 505, 410-427.	1.0	14
45	Major modification of sediment routing by a large Mass Transport Deposit in the Gulf of Lions (Western Mediterranean). <i>Marine Geology</i> , 2019, 411, 1-20.	0.9	14
46	Morphology of retrogressive failures in the Eastern Rhone interfluvium during the last glacial maximum (Gulf of Lions, Western Mediterranean). <i>Geomorphology</i> , 2020, 351, 106894.	1.1	14
47	Dinocyst assemblage constraints on oceanographic and atmospheric processes in the eastern equatorial Atlantic over the last 44 kyr. <i>Biogeosciences</i> , 2016, 13, 4823-4841.	1.3	13
48	Detailed morphology, structure and main growth pattern of the Rhône deep-sea fan. <i>Marine Geology</i> , 1984, 55, 181-193.	0.9	12
49	Sedimentological imprint on subseafloor microbial communities in Western Mediterranean Sea Quaternary sediments. <i>Biogeosciences</i> , 2012, 9, 3491-3512.	1.3	12
50	Simulating sediment supply from the Congo watershed over the last 155 ka. <i>Quaternary Science Reviews</i> , 2019, 203, 38-55.	1.4	12
51	Origin of an enigmatic regional Mio-Pliocene unconformity on the Demerara plateau. <i>Marine Geology</i> , 2015, 365, 21-35.	0.9	11
52	Evidence and age estimation of mass wasting at the distal lobe of the Congo deep-sea fan. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 142, 50-63.	0.6	10
53	On the termination of deep-sea fan channels: Examples from the Rhône Fan (Gulf of Lion, Western) <i>Tectonophysics</i> , 2017, 644, 1-11.	1.1	10
54	Integrated geophysical, sedimentological and geotechnical investigation of submarine landslides in the Gulf of Lions (Western Mediterranean). <i>Geological Society Special Publication</i> , 2020, 500, 359-376.	0.8	10

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55	Quaternary sediment dispersal in the Zambezi turbidite system (SW Indian Ocean). <i>Marine Geology</i> , 2020, 428, 106276.	0.9	10
56	Deep-sea and martian channels. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1986, 33, 973-980.	1.6	9
57	Diatom response to oceanographic and climatic changes in the Congo fan area, equatorial Atlantic Ocean, during the last 190ka BP. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 469, 47-59.	1.0	7
58	The "Trou Sans Fond" deep-sea fan (off Ivory Coast, Equatorial Atlantic). <i>Marine Geology</i> , 1985, 67, 1-11.	0.9	6
59	The Quaternary Congo Deep-Sea Fan: Preliminary Results on Reservoir Complexity in Turbiditic Systems Using 2D High Resolution Seismic and Multibeam Data. , 2000, , 1045-1058.		6
60	4D forward stratigraphic modelling of the Late Quaternary Congo deep-sea fan: Role of climate/vegetation coupling in architectural evolution. <i>Marine Geology</i> , 2020, 429, 106334.	0.9	5
61	Deep sea drilling project: On the Mississippi Fan. <i>Nature</i> , 1983, 306, 736-737.	13.7	4
62	Slope Instability on the French Guiana Transform Margin from Swath-Bathymetry and 3.5 kHz Echograms. , 2010, , 569-579.		4
63	The Last Glacial Maximum Balearic Abyssal Plain megabed revisited. <i>Geological Society Special Publication</i> , 2020, 500, 341-357.	0.8	3