

# Laurence Droz

## List of Publications by Year in Descending Order

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

64  
papers

1,640  
citations

24  
h-index

37  
g-index

65  
ext. papers

1,839  
ext. citations

4.1  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
64	Integrated geophysical, sedimentological and geotechnical investigation of submarine landslides in the Gulf of Lions (Western Mediterranean). <i>Geological Society Special Publication</i> , <b>2020</b> , 500, 359-376	1.7	6
63	Quaternary sediment dispersal in the Zambezi turbidite system (SW Indian Ocean). <i>Marine Geology</i> , <b>2020</b> , 428, 106276	3.3	8
62	The impact of internal waves on upper continental slopes: insights from the Mozambican margin (southwest Indian Ocean). <i>Earth Surface Processes and Landforms</i> , <b>2020</b> , 45, 1469-1482	3.7	15
61	The Last Glacial Maximum Balearic Abyssal Plain megabed revisited. <i>Geological Society Special Publication</i> , <b>2020</b> , 500, 341-357	1.7	3
60	Gondwana breakup: Messages from the North Natal Valley. <i>Terra Nova</i> , <b>2020</b> , 32, 205-214	3	16
59	Morphology of retrogressive failures in the Eastern Rhone interfluvium during the last glacial maximum (Gulf of Lions, Western Mediterranean). <i>Geomorphology</i> , <b>2020</b> , 351, 106894	4.3	12
58	4D forward stratigraphic modelling of the Late Quaternary Congo deep-sea fan: Role of climate/vegetation coupling in architectural evolution. <i>Marine Geology</i> , <b>2020</b> , 429, 106334	3.3	3
57	On the termination of deep-sea fan channels: Examples from the Rhône Fan (Gulf of Lion, Western Mediterranean Sea). <i>Geomorphology</i> , <b>2020</b> , 369, 107368	4.3	5
56	The influence of bottom currents on the Zambezi Valley morphology (Mozambique Channel, SW Indian Ocean): In situ current observations and hydrodynamic modelling. <i>Marine Geology</i> , <b>2019</b> , 410, 42-55	3.3	29
55	Late Quaternary geomorphology and sedimentary processes in the Zambezi turbidite system (Mozambique Channel). <i>Geomorphology</i> , <b>2019</b> , 334, 1-28	4.3	18
54	Major modification of sediment routing by a large Mass Transport Deposit in the Gulf of Lions (Western Mediterranean). <i>Marine Geology</i> , <b>2019</b> , 411, 1-20	3.3	11
53	Carbon and silica megasink in deep-sea sediments of the Congo terminal lobes. <i>Quaternary Science Reviews</i> , <b>2019</b> , 222, 105854	3.9	11
52	Monsoon control on channel avulsions in the Late Quaternary Congo Fan. <i>Quaternary Science Reviews</i> , <b>2019</b> , 204, 149-171	3.9	18
51	Simulating sediment supply from the Congo watershed over the last 155 ka. <i>Quaternary Science Reviews</i> , <b>2019</b> , 203, 38-55	3.9	10
50	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> , <b>2018</b> , 505, 410-427	2.9	10
49	Active fault system across the oceanic lithosphere of the Mozambique Channel: Implications for the Nubia-Somalia southern plate boundary. <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 502, 210-220	5.3	26
48	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> , <b>2017</b> , 142, 7-24	2.3	23

47	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> , <b>2017</b> , 29, 305-339	3.2	13
46	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> , <b>2017</b> , 142, 50-63	2.3	9
45	Origin and distribution of the organic matter in the distal lobe of the Congo deep-sea fan IIA Rock-Eval survey. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2017</b> , 142, 75-90	2.3	22
44	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> , <b>2017</b> , 142, 64-74	2.3	12
43	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. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2017</b> , 142, 25-49	2.3	38
42	Diatom response to oceanographic and climatic changes in the Congo fan area, equatorial Atlantic Ocean, during the last 190 ka BP. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2017</b> , 469, 47-59	2.9	5
41	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> , <b>2016</b> , 75, 29-52	4.7	24
40	Structure of the Demerara passive-transform margin and associated sedimentary processes. Initial results from the IGUANES cruise. <i>Geological Society Special Publication</i> , <b>2016</b> , 431, 179-197	1.7	15
39	Description of a contourite depositional system on the Demerara Plateau: Results from geophysical data and sediment cores. <i>Marine Geology</i> , <b>2016</b> , 378, 56-73	3.3	20
38	Dinocyst assemblage constraints on oceanographic and atmospheric processes in the eastern equatorial Atlantic over the last 44 kyr. <i>Biogeosciences</i> , <b>2016</b> , 13, 4823-4841	4.6	11
37	Controls on turbidite sedimentation: Insights from a quantitative approach of submarine channel and lobe architecture (Late Quaternary Congo Fan). <i>Marine and Petroleum Geology</i> , <b>2016</b> , 72, 423-446	4.7	64
36	Origin of an enigmatic regional Mio-Pliocene unconformity on the Demerara plateau. <i>Marine Geology</i> , <b>2015</b> , 365, 21-35	3.3	11
35	Sedimentary markers in the Provençal Basin (western Mediterranean): a window into deep geodynamic processes. <i>Terra Nova</i> , <b>2015</b> , 27, 122-129	3	15
34	Quantifying subsidence and isostatic readjustment using sedimentary paleomarkers, example from the Gulf of Lion. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 388, 353-366	5.3	37
33	High-resolution vegetation history of West Africa during the last 145 ka. <i>Geobios</i> , <b>2014</b> , 47, 183-198	1.5	18
32	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> , <b>2014</b> , 26, 230-238	3	25
31	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> , <b>2013</b> , 25, 197-218	3.2	22
30	Sedimentological imprint on seafloor microbial communities in Western Mediterranean Sea Quaternary sediments. <i>Biogeosciences</i> , <b>2012</b> , 9, 3491-3512	4.6	12

29	Slope Instability on the French Guiana Transform Margin from Swath-Bathymetry and 3.5 kHz Echograms <b>2010</b> , 569-579		3
28	Crustal structure of a young margin pair: New results across the Liguro-Provencal Basin from wide-angle seismic tomography. <i>Earth and Planetary Science Letters</i> , <b>2009</b> , 286, 333-345	5-3	55
27	Slope instabilities from echo-character mapping along the French Guiana transform margin and Demerara abyssal plain. <i>Marine and Petroleum Geology</i> , <b>2009</b> , 26, 711-723	4-7	30
26	Multi-scale slope instabilities along the Nile deep-sea fan, Egyptian margin: A general overview. <i>Marine and Petroleum Geology</i> , <b>2009</b> , 26, 633-646	4-7	49
25	Channel-mouth lobe complex of the recent Amazon Fan: The missing piece. <i>Marine Geology</i> , <b>2008</b> , 252, 62-77	3-3	68
24	A walk down the Cap de Creus canyon, Northwestern Mediterranean Sea: Recent processes inferred from morphology and sediment bedforms. <i>Marine Geology</i> , <b>2007</b> , 246, 176-192	3-3	80
23	Eivissa slides, western Mediterranean Sea: morphology and processes. <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 225-233	3-3	29
22	Quaternary turbidite systems on the northern margins of the Balearic Basin (Western Mediterranean): a synthesis. <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 347-359	1-9	32
21	Architecture and depositional pattern of the Rhône Neofan and recent gravity activity in the Gulf of Lions (western Mediterranean). <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 827-843	4-7	48
20	Architecture of an active mud-rich turbidite system: The Zaire Fan (Congo-Angola margin southeast Atlantic). <i>AAPG Bulletin</i> , <b>2003</b> , 87, 1145-1168	2-5	86
19	Recent sedimentary events in the western Gulf of Lions (Western Mediterranean). <i>Marine Geology</i> , <b>2001</b> , 176, 23-37	3-3	43
18	Late Quaternary channel avulsions on the Danube deep-sea fan, Black Sea. <i>Marine Geology</i> , <b>2001</b> , 179, 25-37	3-3	81
17	The Nile deep sea fan: preliminary results from a swath bathymetry survey. <i>Marine and Petroleum Geology</i> , <b>2001</b> , 18, 471-477	4-7	34
16	Premières observations sur la morphologie et les processus sédimentaires récents de l'éventail celtique. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeenne De Oceanologie</i> , <b>2000</b> , 23, 109-116		17
15	Structure et évolution récente de l'éventail turbiditique du Zaïre: premiers résultats scientifiques des missions d'exploration Zaïngo1 & 2 (marge Congo-Angola). <i>Comptes Rendus De L'Académie Des Sciences Earth &amp; Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , <b>2000</b> , 331, 211-220		11
14	The Quaternary Congo Deep-Sea Fan: Preliminary Results on Reservoir Complexity in Turbiditic Systems Using 2D High Resolution Seismic and Multibeam Data <b>2000</b> , 1045-1058		5
13	L'éventail profond de la marge celtique: stratigraphie et évolution sédimentaire. <i>Comptes Rendus De L'Académie Des Sciences Earth &amp; Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , <b>1999</b> , 328, 173-180		
12	Deep-sea avulsion and morphosedimentary evolution of the Rhône Fan Valley and Neofan during the Late Quaternary (north-western Mediterranean Sea). <i>Sedimentology</i> , <b>1997</b> , 44, 457-447	3-3	40

11	Early spreading and continental to oceanic basement transition beneath the Indus deep-sea fan: northeastern Arabian Sea. <i>Marine Geology</i> , <b>1997</b> , 141, 221-235	3-3	64
10	Morphology and recent evolution of the Zaire turbidite system (Gulf of Guinea). <i>Bulletin of the Geological Society of America</i> , <b>1996</b> , 108, 253-269	3-9	92
9	Small submarine fans on the eastern margin of Corsica: Sedimentary significance and tectonic implications. <i>Marine Geology</i> , <b>1994</b> , 117, 177-185	3-3	21
8	Plio-Pleistocene evolution of the Var deep-sea fan off the French Riviera. <i>Marine and Petroleum Geology</i> , <b>1993</b> , 10, 550-571	4-7	66
7	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> , <b>1989</b> , 89, 259-268	3-3	8
6	Seismic evidence of widespread mass transport deposits in the Rhône deep-sea fan: Their role in the fan construction. <i>Marine Geology</i> , <b>1986</b> , 71, 327-340	3-3	17
5	Deep-sea and martian channels. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , <b>1986</b> , 33, 973-980		7
4	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> , <b>1986</b> , 3, 3-18	4-7	15
3	The Trou Sans Fond deep-sea fan (off Ivory Coast, Equatorial Atlantic). <i>Marine Geology</i> , <b>1985</b> , 67, 1-11	3-3	4
2	Detailed morphology, structure and main growth pattern of the Rhône deep-sea fan. <i>Marine Geology</i> , <b>1984</b> , 55, 181-193	3-3	11
1	The Ebro and the Rhone deep-sea fans: First comparative study. <i>Marine Geology</i> , <b>1981</b> , 43, M75-M85	3-3	24