

Laurence Droz

List of Publications by Citations

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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	Morphology and recent evolution of the Zaire turbidite system (Gulf of Guinea). <i>Bulletin of the Geological Society of America</i> , 1996 , 108, 253-269	3.9	92
63	Architecture of an active mud-rich turbidite system: The Zaire Fan (Congo-Angola margin southeast Atlantic). <i>AAPG Bulletin</i> , 2003 , 87, 1145-1168	2.5	86
62	Late Quaternary channel avulsions on the Danube deep-sea fan, Black Sea. <i>Marine Geology</i> , 2001 , 179, 25-37	3.3	81
61	A walk down the Cap de Creus canyon, Northwestern Mediterranean Sea: Recent processes inferred from morphology and sediment bedforms. <i>Marine Geology</i> , 2007 , 246, 176-192	3.3	80
60	Channel-mouth lobe complex of the recent Amazon Fan: The missing piece. <i>Marine Geology</i> , 2008 , 252, 62-77	3.3	68
59	Plio-Pleistocene evolution of the Var deep-sea fan off the French Riviera. <i>Marine and Petroleum Geology</i> , 1993 , 10, 550-571	4.7	66
58	Early spreading and continental to oceanic basement transition beneath the Indus deep-sea fan: northeastern Arabian Sea. <i>Marine Geology</i> , 1997 , 141, 221-235	3.3	64
57	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> , 2016 , 72, 423-446	4.7	64
56	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> , 2009 , 286, 333-345	5.3	55
55	Multi-scale slope instabilities along the Nile deep-sea fan, Egyptian margin: A general overview. <i>Marine and Petroleum Geology</i> , 2009 , 26, 633-646	4.7	49
54	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> , 2005 , 22, 827-843	4.7	48
53	Recent sedimentary events in the western Gulf of Lions (Western Mediterranean). <i>Marine Geology</i> , 2001 , 176, 23-37	3.3	43
52	Deep-sea avulsion and morphosedimentary evolution of the Rhône Fan Valley and Neofan during the Late Quaternary (north-western Mediterranean Sea). <i>Sedimentology</i> , 1997 , 44, 457-447	3.3	40
51	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> , 2017 , 142, 25-49	2.3	38
50	Quantifying subsidence and isostatic readjustment using sedimentary paleomarkers, example from the Gulf of Lion. <i>Earth and Planetary Science Letters</i> , 2014 , 388, 353-366	5.3	37
49	The Nile deep sea fan: preliminary results from a swath bathymetry survey. <i>Marine and Petroleum Geology</i> , 2001 , 18, 471-477	4.7	34
48	Quaternary turbidite systems on the northern margins of the Balearic Basin (Western Mediterranean): a synthesis. <i>Geo-Marine Letters</i> , 2006 , 26, 347-359	1.9	32

47	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	4.7	30
46	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> , 2019 , 410, 42-55	3.3	29
45	Eivissa slides, western Mediterranean Sea: morphology and processes. <i>Geo-Marine Letters</i> , 2006 , 26, 225-233	2.3	29
44	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> , 2018 , 502, 210-220	5.3	26
43	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	3	25
42	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	4.7	24
41	The Ebro and the Rhone deep-sea fans: First comparative study. <i>Marine Geology</i> , 1981 , 43, M75-M85	3.3	24
40	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	2.3	23
39	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	2.3	22
38	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	3.2	22
37	Small submarine fans on the eastern margin of Corsica: Sedimentary significance and tectonic implications. <i>Marine Geology</i> , 1994 , 117, 177-185	3.3	21
36	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	3.3	20
35	Late Quaternary geomorphology and sedimentary processes in the Zambezi turbidite system (Mozambique Channel). <i>Geomorphology</i> , 2019 , 334, 1-28	4.3	18
34	High-resolution vegetation history of West Africa during the last 145 ka. <i>Geobios</i> , 2014 , 47, 183-198	1.5	18
33	Monsoon control on channel avulsions in the Late Quaternary Congo Fan. <i>Quaternary Science Reviews</i> , 2019 , 204, 149-171	3.9	18
32	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> , 2000 , 23, 109-116		17
31	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	3.3	17
30	Gondwana breakup: Messages from the North Natal Valley. <i>Terra Nova</i> , 2020 , 32, 205-214	3	16

29	Sedimentary markers in the Provençal Basin (western Mediterranean): a window into deep geodynamic processes. <i>Terra Nova</i> , 2015 , 27, 122-129	3	15
28	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	3-7	15
27	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	1-7	15
26	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	4-7	15
25	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	3-2	13
24	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	2-3	12
23	Sedimentological imprint on subseafloor microbial communities in Western Mediterranean Sea Quaternary sediments. <i>Biogeosciences</i> , 2012 , 9, 3491-3512	4-6	12
22	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	4-3	12
21	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	3-3	11
20	Origin of an enigmatic regional Mio-Pliocene unconformity on the Demerara plateau. <i>Marine Geology</i> , 2015 , 365, 21-35	3-3	11
19	Carbon and silica megasink in deep-sea sediments of the Congo terminal lobes. <i>Quaternary Science Reviews</i> , 2019 , 222, 105854	3-9	11
18	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 & Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 2000 , 331, 211-220		11
17	Detailed morphology, structure and main growth pattern of the Rhône deep-sea fan. <i>Marine Geology</i> , 1984 , 55, 181-193	3-3	11
16	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	4-6	11
15	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	2-9	10
14	Simulating sediment supply from the Congo watershed over the last 155 ka. <i>Quaternary Science Reviews</i> , 2019 , 203, 38-55	3-9	10
13	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	2-3	9
12	Quaternary sediment dispersal in the Zambezi turbidite system (SW Indian Ocean). <i>Marine Geology</i> , 2020 , 428, 106276	3-3	8

11	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	3.3	8
10	Deep-sea and martian channels. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1986 , 33, 973-980		7
9	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	1.7	6
8	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> , 2017 , 469, 47-59	2.9	5
7	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		5
6	On the termination of deep-sea fan channels: Examples from the Rhône Fan (Gulf of Lion, Western Mediterranean Sea). <i>Geomorphology</i> , 2020 , 369, 107368	4.3	5
5	The Trou Sans Fond deep-sea fan (off Ivory Coast, Equatorial Atlantic). <i>Marine Geology</i> , 1985 , 67, 1-11	3.3	4
4	The Last Glacial Maximum Balearic Abyssal Plain megabed revisited. <i>Geological Society Special Publication</i> , 2020 , 500, 341-357	1.7	3
3	Slope Instability on the French Guiana Transform Margin from Swath-Bathymetry and 3.5 kHz Echograms 2010 , 569-579		3
2	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	3.3	3
1	L'ventail profond de la marge celtique: stratigraphie et évolution sédimentaire. <i>Comptes Rendus De L'Académie Des Sciences Earth & Planetary Sciences Serie II, Sciences De La Terre Et Des Planètes</i> , 1999 , 328, 173-180		