

# Sbastien Zaragosi

## 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.

85 papers	2,855 citations	32 h-index	51 g-index
87 ext. papers	3,219 ext. citations	3.1 avg, IF	4.51 L-index

#	Paper	IF	Citations
85	Freshwater influx to the Eastern Mediterranean Sea from the melting of the Fennoscandian ice sheet during the last deglaciation.. <i>Scientific Reports</i> , <b>2022</b> , 12, 8466	4.9	0
84	The North Atlantic Glacial Eastern Boundary Current as a Key Driver for Ice-Sheet-AMOC Interactions and Climate Instability. <i>Paleoceanography and Paleoclimatology</i> , <b>2021</b> , 36, e2020PA004068	3.3	7
83	Submarine morphology of the Comoros volcanic archipelago. <i>Marine Geology</i> , <b>2021</b> , 432, 106383	3.3	8
82	Are Past Sea-Ice Reconstructions Based on Planktonic Foraminifera Realistic? Study of the Last 50 ka as a Test to Validate Reconstructed Paleohydrography Derived from Transfer Functions Applied to Their Fossil Assemblages. <i>Geosciences (Switzerland)</i> , <b>2021</b> , 11, 409	2.7	
81	Magnetic fabric of Bengal fan sediments: Holocene record of sedimentary processes and turbidite activity from the Ganges-Brahmaputra river system. <i>Marine Geology</i> , <b>2020</b> , 430, 106347	3.3	2
80	Distribution of common modern dinoflagellate cyst taxa in surface sediments of the Northern Hemisphere in relation to environmental parameters: The new n=1968 database. <i>Marine Micropaleontology</i> , <b>2020</b> , 159, 101796	1.7	33
79	Distribution of dinocyst assemblages in surface sediment samples from the West Greenland margin. <i>Marine Micropaleontology</i> , <b>2020</b> , 159, 101818	1.7	3
78	Factors controlling frequency of turbidites in the Bengal fan during the last 248 kyr cal BP: Clues from a presently inactive channel. <i>Marine Geology</i> , <b>2019</b> , 415, 105965	3.3	4
77	Impact of freshwater release in the Mediterranean Sea on the North Atlantic climate. <i>Climate Dynamics</i> , <b>2019</b> , 53, 3893-3915	4.2	9
76	Formation and evolution of glauconite in the Demerara Contourite depositional system related to NADW circulation changes during late Quaternary (French Guiana). <i>Journal of South American Earth Sciences</i> , <b>2019</b> , 92, 167-183	2	10
75	Distribution and (palaeo)ecological affinities of the main Spiniferites taxa in the mid-high latitudes of the Northern Hemisphere. <i>Palynology</i> , <b>2018</b> , 42, 182-202	1.5	10
74	Active tectonics of the Calabrian subduction revealed by new multi-beam bathymetric data and high-resolution seismic profiles in the Ionian Sea (Central Mediterranean). <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 461, 61-72	5.3	50
73	The southern Norwegian Sea during the last 45 ka: hydrographical reorganizations under changing ice-sheet dynamics. <i>Journal of Quaternary Science</i> , <b>2017</b> , 32, 908-922	2.3	8
72	Link between Indian monsoon rainfall and physical erosion in the Himalayan system during the Holocene. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 3452-3469	3.6	14
71	Gravity-Driven Deposits in an Active Margin (Ionian Sea) Over the Last 330,000 Years. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 4186-4210	3.6	2
70	The Bengal fan: External controls on the Holocene Active Channel turbidite activity. <i>Holocene</i> , <b>2017</b> , 27, 900-913	2.6	17
69	Earthquake-triggered deposits in the subduction trench of the north Ecuador/south Colombia margin and their implication for paleoseismology. <i>Marine Geology</i> , <b>2017</b> , 384, 47-62	3.3	17

68	Changes in Holocene meridional circulation and poleward Atlantic flow: the Bay of Biscay as a nodal point. <i>Climate of the Past</i> , <b>2017</b> , 13, 201-216	3.9	20
67	The Sawqirah contourite drift system in the Arabian Sea (NW Indian Ocean): A case study of interactions between margin reactivation and contouritic processes. <i>Marine Geology</i> , <b>2016</b> , 381, 1-16	3.3	3
66	Acquisition of detrital magnetization in four turbidites. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 3207-3223	3.6	5
65	Climatic control of sediment transport from the Himalayas to the proximal NE Bengal Fan during the last glacial-interglacial cycle. <i>Quaternary Science Reviews</i> , <b>2016</b> , 148, 1-16	3.9	45
64	Untangling the complex origin of turbidite activity on the Calabrian Arc (Ionian Sea) over the last 60ka. <i>Marine Geology</i> , <b>2016</b> , 373, 11-25	3.3	7
63	Climate variability across the last deglaciation in NW Iberia and its margin. <i>Quaternary International</i> , <b>2016</b> , 414, 9-22	2	63
62	High frequency environmental changes and deposition processes in a 2 kyr-long sedimentological record from the Cap-Breton canyon (Bay of Biscay). <i>Holocene</i> , <b>2015</b> , 25, 348-365	2.6	12
61	Millennial-scale fluctuations of the European Ice Sheet at the end of the last glacial, and their potential impact on global climate. <i>Quaternary Science Reviews</i> , <b>2015</b> , 123, 113-133	3.9	92
60	Stratification of surface waters during the last glacial millennial climatic events: a key factor in subsurface and deep-water mass dynamics. <i>Climate of the Past</i> , <b>2015</b> , 11, 1507-1525	3.9	10
59	2000 years of frequent turbidite activity in the Capbreton Canyon (Bay of Biscay). <i>Marine Geology</i> , <b>2014</b> , 347, 136-152	3.3	18
58	Tectonics of the Dalrymple Trough and uplift of the Murray Ridge (NW Indian Ocean). <i>Tectonophysics</i> , <b>2014</b> , 636, 1-17	3.1	10
57	Benthic foraminiferal thanatocoenoses from the Cap-Ferret Canyon area (NE Atlantic): A complex interplay between hydro-sedimentary and biological processes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2014</b> , 104, 145-163	2.3	16
56	Contourites in the Gulf of Cadiz: a cautionary note on potentially ambiguous indicators of bottom current velocity. <i>Geo-Marine Letters</i> , <b>2013</b> , 33, 357-367	1.9	49
55	Late Quaternary megaturbidites of the Indus Fan: Origin and stratigraphic significance. <i>Marine Geology</i> , <b>2013</b> , 336, 10-23	3.3	31
54	Live (stained) benthic foraminifera from the Cap-Ferret Canyon (Bay of Biscay, NE Atlantic): A comparison between the canyon axis and the surrounding areas. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2013</b> , 74, 98-114	2.5	11
53	Sea-surface hydrographical conditions off South Faeroes and within the North-Eastern North Atlantic through MIS 2: the response of dinocysts. <i>Journal of Quaternary Science</i> , <b>2013</b> , 28, 217-228	2.3	9
52	Southern Hemisphere imprint for Indo-Asian summer monsoons during the last glacial period as revealed by Arabian Sea productivity records. <i>Biogeosciences</i> , <b>2013</b> , 10, 7347-7359	4.6	20
51	Present deep-submarine canyons activity in the Bay of Biscay (NE Atlantic). <i>Marine Geology</i> , <b>2012</b> , 295-298, 113-127	3.3	56

50	External controls on turbidite sedimentation on the glacially-influenced Armorican margin (Bay of Biscay, western European margin). <i>Marine Geology</i> , <b>2012</b> , 303-306, 137-153	3.3	32
49	Mass wasting processes along the Owen Ridge (Northwest Indian Ocean). <i>Marine Geology</i> , <b>2012</b> , 326-328, 80-100	3.3	21
48	An Ocean Ice coupled response during the last glacial: zooming on the marine isotopic stage 3 south of the Faeroe Shetland Gateway <b>2012</b> ,		1
47	An oceanite coupled response during the last glacial: a view from a marine isotopic stage 3 record south of the Faeroe Shetland Gateway. <i>Climate of the Past</i> , <b>2012</b> , 8, 1997-2017	3.9	13
46	New constraints on European glacial freshwater releases to the North Atlantic Ocean. <i>Geophysical Research Letters</i> , <b>2012</b> , 39,	4.9	24
45	Neotectonics of the Owen Fracture Zone (NW Indian Ocean): Structural evolution of an oceanic strike-slip plate boundary. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2011</b> , 12, n/a-n/a	3.6	16
44	Owen Fracture Zone: The ArabiaIndia plate boundary unveiled. <i>Earth and Planetary Science Letters</i> , <b>2011</b> , 302, 247-252	5.3	44
43	Black Sea LakeReservoir age evolution since the Last Glacial Hydrologic and climatic implications. <i>Earth and Planetary Science Letters</i> , <b>2011</b> , 308, 245-258	5.3	68
42	New Arabian Sea records help decipher orbital timing of Indo-Asian monsoon. <i>Earth and Planetary Science Letters</i> , <b>2011</b> , 308, 433-444	5.3	101
41	Live (stained) benthic foraminifera from the Rhône prodelta (Gulf of Lion, NW Mediterranean): Environmental controls on a river-dominated shelf. <i>Journal of Sea Research</i> , <b>2011</b> , 65, 58-75	1.9	78
40	Turbidite system architecture and sedimentary processes along topographically complex slopes: the Makran convergent margin. <i>Sedimentology</i> , <b>2011</b> , 58, 376-406	3.3	53
39	Comments to Westaway and Bridgland Causes, consequences and chronology of large-magnitude palaeoflows in Middle and Late Pleistocene river systems of northwest Europe Earth Surface Processes and Landforms, <b>2011</b> , 36, 1410-1413	3.7	4
38	The first estimation of Fleuve Manche palaeoriver discharge during the last deglaciation: Evidence for Fennoscandian ice sheet meltwater flow in the English Channel ca 2018 ka ago. <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 290, 459-473	5.3	74
37	100,000 Years of African monsoon variability recorded in sediments of the Nile margin. <i>Quaternary Science Reviews</i> , <b>2010</b> , 29, 1342-1362	3.9	197
36	High-resolution analysis of submarine lobes deposits: Seismic-scale outcrops of the Lauzanier area (SE Alps, France). <i>Sedimentary Geology</i> , <b>2010</b> , 229, 160-191	2.8	21
35	Highstand vs. lowstand turbidite system growth in the Makran active margin: Imprints of high-frequency external controls on sediment delivery mechanisms to deep water systems. <i>Marine Geology</i> , <b>2010</b> , 274, 187-208	3.3	49
34	Hyperpycnal-fed turbidite lobe architecture and recent sedimentary processes: A case study from the Al Batha turbidite system, Oman margin. <i>Sedimentary Geology</i> , <b>2010</b> , 229, 144-159	2.8	41
33	Deposits related to the failure of the Malpasset Dam in 1959: An analogue for hyperpycnal deposits from júlhlauþs. <i>Marine Geology</i> , <b>2009</b> , 260, 81-89	3.3	18

32	A new conceptual model for the deposition process of homogenite: Application to a cretaceous megaturbidite of the western Pyrenees (Basque region, SW France). <i>Sedimentary Geology</i> , <b>2009</b> , 222, 263-273	2.8	27
31	Holocene glacier and deep water dynamics, Adèle Land region, East Antarctica. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 1291-1303	3.9	32
30	Timing of massive Fleuve Manche discharges over the last 350kyr: insights into the European ice-sheet oscillations and the European drainage network from MIS 10 to 2. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 1238-1256	3.9	151
29	A 1.2 Ma record of glaciation and fluvial discharge from the West European Atlantic margin. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 2974-2981	3.9	99
28	What forced the collapse of European ice sheets during the last two glacial periods (150kaB.P. and 18ka cal B.P.)? Palynological evidence. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2009</b> , 281, 66-78	2.9	32
27	African monsoon enhancement during the penultimate glacial period (MIS 6.5 ~ 170 ka) and its atmospheric impact. <i>Paleoceanography</i> , <b>2009</b> , 24, n/a-n/a		19
26	Nile floods recorded in deep Mediterranean sediments. <i>Quaternary Research</i> , <b>2008</b> , 70, 382-391	1.9	68
25	Interglacial variability (MIS 5 and MIS 7) and dinoflagellate cyst assemblages in the Bay of Biscay (North Atlantic). <i>Marine Micropaleontology</i> , <b>2008</b> , 68, 136-155	1.7	37
24	Live foraminifera from the open slope between Grand Rhé and Petit Rhé Canyons (Gulf of Lions, NW Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2008</b> , 55, 1532-1553	3.5	69
23	LIVE AND DEAD FORAMINIFERAL FAUNAS FROM SAINT-TROPEZ CANYON (BAY OF FREJUS): OBSERVATIONS BASED ON IN SITU AND INCUBATED CORES. <i>Journal of Foraminiferal Research</i> , <b>2008</b> , 38, 137-156	1.1	28
22	Discovery of a giant deep-sea valley in the Indian Ocean, off eastern Africa: The Tanzania channel. <i>Marine Geology</i> , <b>2008</b> , 255, 179-185	3.3	28
21	Activity of the turbidite levees of the Celtic-Armorican margin (Bay of Biscay) during the last 30,000 years: Imprints of the last European deglaciation and Heinrich events. <i>Marine Geology</i> , <b>2008</b> , 247, 84-103	3.3	62
20	Deglacial laminated facies on the NW European continental margin: The hydrographic significance of British-Irish Ice Sheet deglaciation and Fleuve Manche paleoriver discharges. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2007</b> , 8, n/a-n/a	3.6	47
19	Contourites of the Gulf of Cadiz: A high-resolution record of the paleocirculation of the Mediterranean outflow water during the last 50,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2007</b> , 246, 354-366	2.9	91
18	Seasonal and subseasonal climate changes recorded in laminated diatom ooze sediments, Adèle Land, East Antarctica. <i>Holocene</i> , <b>2006</b> , 16, 1137-1147	2.6	39
17	Introduction to Turbidite systems off France and the Lesser Antilles. <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 305-310	1.9	1
16	The French Atlantic margin and deep-sea submarine systems. <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 311-315	1.9	40
15	The impact of the last European deglaciation on the deep-sea turbidite systems of the Celtic-Armorican margin (Bay of Biscay). <i>Geo-Marine Letters</i> , <b>2006</b> , 26, 317-329	1.9	67

14	Palaeoclimatology and palaeohydrography of the glacial stages on Celtic and Armorican margins over the last 360000 yrs. <i>Marine Geology</i> , <b>2005</b> , 224, 57-82	3.3	28
13	The Sao Tom deep-sea turbidite system (southern Brazil Basin): Cenozoic seismic stratigraphy and sedimentary processes. <i>AAPG Bulletin</i> , <b>2003</b> , 87, 873-894	2.5	23
12	The Blevue Manche the submarine sedimentary features from the outer shelf to the deep-sea fans. <i>Journal of Quaternary Science</i> , <b>2003</b> , 18, 261-282	2.3	67
11	The Celtic and Armorican Margins A New View <b>2003</b> , 223-228		
10	Morphology and Depositional Processes of the Celtic Fan, Bay of Biscay <b>2003</b> , 239-243		1
9	Terrigenous fluxes at the Celtic margin during the last glacial cycle. <i>Marine Geology</i> , <b>2002</b> , 188, 79-108	3.3	53
8	The Vema contourite fan in the South Brazilian basin. <i>Geological Society Memoir</i> , <b>2002</b> , 22, 209-222	0.4	6
7	The Columbia Channel-levee system: a fan drift in the southern Brazil Basin. <i>Geological Society Memoir</i> , <b>2002</b> , 22, 223-238	0.4	8
6	The deep-sea Armorican depositional system (Bay of Biscay), a multiple source, ramp model. <i>Geo-Marine Letters</i> , <b>2001</b> , 20, 219-232	1.9	23
5	Initiation of the European deglaciation as recorded in the northwestern Bay of Biscay slope environments (Meriadzek Terrace and Trevelyan Escarpment): a multi-proxy approach. <i>Earth and Planetary Science Letters</i> , <b>2001</b> , 188, 493-507	5.3	97
4	Physiography and recent sediment distribution of the Celtic Deep-Sea Fan, Bay of Biscay. <i>Marine Geology</i> , <b>2000</b> , 169, 207-237	3.3	65
3	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
2	Southern Hemisphere imprint for IndoAsian summer monsoons during the last glacial period as revealed by Arabian Sea productivity records		2
1	Stratification of surface waters during the last glacial millennial climatic events: a key factor in subsurface and deep water mass dynamics		2