

# Serge Berne

## List of Publications by Citations

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33  
papers

1,744  
citations

22  
h-index

33  
g-index

33  
ext. papers

1,900  
ext. citations

3.1  
avg, IF

3.82  
L-index

#	Paper	IF	Citations
33	Paleo sea levels reconsidered from direct observation of paleoshoreline position during Glacial Maxima (For the last 500,000 yr). <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 252, 119-137	5.3	180
32	Erosional processes and paleo-environmental changes in the Western Gulf of Lions (SW France) during the Messinian Salinity Crisis. <i>Marine Geology</i> , <b>2005</b> , 217, 1-30	3.3	169
31	Pleistocene forced regressions and tidal sand ridges in the East China Sea. <i>Marine Geology</i> , <b>2002</b> , 188, 293-315	3.3	150
30	Sedimentary sequences in the Gulf of Lion: A record of 100,000 years climatic cycles. <i>Marine and Petroleum Geology</i> , <b>2005</b> , 22, 775-804	4.7	133
29	Clay mineral evolution in the central Okinawa Trough since 28 ka: Implications for sediment provenance and paleoenvironmental change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2010</b> , 288, 108-117	2.9	96
28	Provenance discrimination of siliciclastic sediments in the middle Okinawa Trough since 30ka: Constraints from rare earth element compositions. <i>Marine Geology</i> , <b>2010</b> , 275, 212-220	3.3	96
27	Heinrich event imprints in the Okinawa Trough: evidence from oxygen isotope and planktonic foraminifera. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2001</b> , 176, 133-146	2.9	91
26	Plio-Quaternary prograding clinoform wedges of the western Gulf of Lion continental margin (NW Mediterranean) after the Messinian Salinity Crisis. <i>Marine Geology</i> , <b>2003</b> , 198, 289-317	3.3	90
25	Multi-process generated sediment waves on the Landes Plateau (Bay of Biscay, North Atlantic). <i>Marine Geology</i> , <b>2002</b> , 182, 279-302	3.3	67
24	SrNd isotopic constraints on terrigenous sediment provenances and Kuroshio Current variability in the Okinawa Trough during the late Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2012</b> , 365-366, 38-47	2.9	66
23	Phase relationship between sea level and abrupt climate change. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 2867-2881	3.9	64
22	Internal architecture and mobility of tidal sand ridges in the East China Sea. <i>Continental Shelf Research</i> , <b>2007</b> , 27, 1820-1834	2.4	63
21	Quaternary seismic stratigraphy and paleoenvironments on the continental shelf of the East China Sea. <i>Journal of Asian Earth Sciences</i> , <b>2000</b> , 18, 441-452	2.8	62
20	Internal structure of subtidal sandwaves revealed by high-resolution seismic reflection. <i>Sedimentology</i> , <b>1988</b> , 35, 5-20	3.3	59
19	Variations in temperature and salinity of the surface water above the middle Okinawa Trough during the past 37kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2009</b> , 281, 154-164	2.9	46
18	Impact of relative sea level and rapid climate changes on the architecture and lithofacies of the Holocene Rhone subaqueous delta (Western Mediterranean Sea). <i>Sedimentary Geology</i> , <b>2014</b> , 305, 35-53	2.8	40
17	Analysis of slope failures in submarine canyon heads: An example from the Gulf of Lions. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		39

16	The offshore Quaternary sediment bodies of the English Channel and its Western Approaches. <i>Journal of Quaternary Science</i> , <b>2003</b> , 18, 361-371	2.3	37
15	Vegetation dynamics in southern France during the last 30kyBP in the light of marine palynology. <i>Quaternary Science Reviews</i> , <b>2007</b> , 26, 1037-1054	3.9	34
14	Evidence for pre-Messinian submarine canyons on the Gulf of Lions slope (Western Mediterranean). <i>Marine and Petroleum Geology</i> , <b>2008</b> , 25, 804-817	4.7	25
13	A geomechanical approach for the genesis of sediment undulations on the Adriatic shelf. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2008</b> , 9, n/a-n/a	3.6	24
12	Influence des tempêtes sur la mobilité des dunes tidales dans le détroit du Pas-de-Calais. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeenne De Oceanologie</i> , <b>2000</b> , 23, 129-141		24
11	Evidence for the 8,200 a b.p. cooling event in the middle Okinawa Trough. <i>Geo-Marine Letters</i> , <b>2008</b> , 28, 131-136	1.9	19
10	Post-glacial persistence of turbiditic activity within the Rhône deep-sea turbidite system (Gulf of Lions, Western Mediterranean): Linking the outer shelf and the basin sedimentary records. <i>Marine Geology</i> , <b>2009</b> , 257, 65-86	3.3	12
9	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
8	Response of the Rhône deltaic margin to loading and subsidence during the last climatic cycle. <i>Computers and Geosciences</i> , <b>2008</b> , 34, 1338-1357	4.5	11
7	Sedimentary archives of climate and sea-level changes during the Holocene in the Rhône prodelta (NW Mediterranean Sea). <i>Climate of the Past</i> , <b>2016</b> , 12, 2161-2179	3.9	10
6	Giant solution-subsidence structure in the Western Mediterranean related to deep substratum dissolution. <i>Terra Nova</i> , <b>2012</b> , 24, 181-188	3	9
5	Canyons et processus sédimentaires récents sur la marge occidentale du golfe du Lion. Premiers résultats de la campagne Calmar. <i>Comptes Rendus De L'Académie Des Sciences Earth &amp; Planetary Sciences Serie II, Sciences De La Terre Et Des Planètes</i> , <b>1999</b> , 328, 471-477		7
4	ARCHITECTURE OF MODERN SUBTIDAL DUNES (SAND WAVES), BAY OF BOURGNEUF, FRANCE <b>1991</b> , 245-260		6
3	Evolution of sand banks. <i>Comptes Rendus - Geoscience</i> , <b>2002</b> , 334, 731-732	1.4	2
2	Genetic model of deposition for the Miocene of the Gulf of Lions (western Mediterranean) from seismic stratigraphy and well log correlation <b>2003</b> ,		2
1	Multidisciplinary Study of Marine Archives: Reconstruction of Sea-Level, Sediment Yields, Sediment Sources, Paleoclimate, Paleoceanography and Vertical Movement on Margins: Examples from the Western Mediterranean Sea. <i>Advances in Science, Technology and Innovation</i> , <b>2022</b> , 265-270	0.3	