Angelo A Camerlenghi

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109 papers	4,496 citations	38 h-index	64 g-index
142 ext. papers	5,021 ext. citations	3.6 avg, IF	5.09 L-index

#	Paper	IF	Citations
109	The International Bathymetric Chart of the Arctic Ocean (IBCAO) Version 3.0. *Geophysical Research Letters*, **2012**, 39, n/a-n/a	4.9	716
108	The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. *Marine Geology*, **2014**, 352, 25-58	3.3	328
107	Submarine landslides of the Mediterranean Sea: Trigger mechanisms, dynamics, and frequency-magnitude distribution. *Journal of Geophysical Research F: Earth Surface*, **2013**, 118, 2600-2618	3.8	119
106	Giant sediment drifts on the continental rise west of the Antarctic Peninsula. *Geo-Marine Letters*, **1996**, 16, 65-75	1.9	118
105	Geophysical evidence of mud diapirism on the Mediterranean Ridge accretionary complex. *Marine Geophysical Researches*, **1995**, 17, 115-141	2.3	111
104	Geological evidence for mud diapirism on the Mediterranean Ridge accretionary complex. *Earth and Planetary Science Letters*, **1992**, 109, 493-504	5.3	109
103	Holocene history of the Larsen-A Ice Shelf constrained by geomagnetic paleointensity dating. *Geology*, **2003**, 31, 749	5	105
102	Subglacial morphology and glacial evolution of the Palmer deep outlet system, Antarctic Peninsula. *Geomorphology*, **2006**, 75, 125-142	4.3	100
101	Historical and pre-historical tsunamis in the Mediterranean and its connected seas: Geological signatures, generation mechanisms and coastal impacts. *Marine Geology*, **2014**, 354, 81-109	3.3	95
100	Estimation of gas hydrate concentration from multi-component seismic data at sites on the continental margins of NW Svalbard and the Storegga region of Norway. *Marine and Petroleum Geology*, **2008**, 25, 744-758	4.7	95
99	Deep-sea tsunami deposits in the eastern Mediterranean: New evidence and depositional models. *Sedimentary Geology*, **1996**, 104, 155-173	2.8	92
98	Mid-late Pleistocene glacimarine sedimentary processes of a high-latitude, deep-sea sediment drift (Antarctic Peninsula Pacific margin). *Marine Geology*, **2002**, 189, 343-370	3.3	88
97	Mud volcanoes, olistostromes and Argille scagliose in the Mediterranean region. *Sedimentology*, **2009**, 56, 319-365	3.3	80
96	Effects of biogenic silica on sediment compaction and slope stability on the Pacific margin of the Antarctic Peninsula. *Basin Research*, **2003**, 15, 339-363	3.2	78
95	Glacial–Interglacial deposition on a sediment drift on the Pacific margin of the Antarctic Peninsula. *Antarctic Science*, **1998**, 10, 286-308	1.7	76
94	New constraints on the Messinian sealevel drawdown from 3D seismic data of the Ebro Margin, western Mediterranean. *Basin Research*, **2011**, 23, 123-145	3.2	73
93	Gypsum precipitation from cold brines in an anoxic basin in the eastern Mediterranean. *Nature*, **1985**, 314, 152-154	50.4	71

92	Margin architecture reveals the transition to the modern Antarctic ice sheet ca. 3 Ma. *Geology*, **2006** , 34, 301	5	69
91	Postglacial sedimentary processes on the Storfjorden and Kveithola trough mouth fans: Significance of extreme glacimarine sedimentation. *Global and Planetary Change*, **2013**, 111, 309-326	4.2	66
90	Chapter 25 The Significance of Contourites for Submarine Slope Stability. *Developments in Sedimentology*, **2008**, 537-556		63
89	Deglaciation of the western margin of the Barents Sea Ice Sheet A swath bathymetric and sub-bottom seismic study from the Kveithola Trough. *Marine Geology*, **2011**, 279, 141-147	3.3	62
88	Glacial morphology and post-glacial contourites in northern Prince Gustav Channel (NW Weddell Sea, Antarctica). *Marine Geophysical Researches*, **2001**, 22, 417-443	2.3	61
87	New findings of Bronze Age homogenites in the Ionian Sea: Geodynamic implications for the Mediterranean. *Marine Geology*, **1984**, 55, 47-62	3.3	61
86	Environmental magnetism of Antarctic Late Pleistocene sediments and interhemispheric correlation of climatic events. *Earth and Planetary Science Letters*, **2001**, 192, 65-80	5.3	60
85	Mediterranean megaturbidite triggered by the AD 365 Crete earthquake and tsunami. *Scientific Reports*, **2013**, 3, 1285	4.9	58
84	Anoxic basins of the eastern Mediterranean: geological framework. *Marine Chemistry*, **1990**, 31, 1-19	3.7	58
83	Turbidites and megaturbidites from the Herodotus abyssal plain (eastern Mediterranean) unrelated to seismic events. *Marine Geology*, **1984**, 55, 79-101	3.3	58
82	Ten-month observation of the bottom current regime across a sediment drift of the Pacific margin of the Antarctic Peninsula. *Antarctic Science*, **1997**, 9, 426-433	1.7	54
81	Relationship between continental rise development and palaeo-ice sheet dynamics, Northern Antarctic Peninsula Pacific margin. *Quaternary Science Reviews*, **2006**, 25, 933-944	3.9	51
80	Seabed morphology and shallow sedimentary structure of the Storfjorden and Kveithola trough-mouth fans (North West Barents Sea). *Marine Geology*, **2011**, 286, 65-81	3.3	50
79	Repeated slope failure linked to fluid migration: The Ana submarine landslide complex, Eivissa Channel, Western Mediterranean Sea. *Earth and Planetary Science Letters*, **2012**, 319-320, 65-74	5.3	47
78	The carbonate mass transport deposits of the Paleogene Friuli Basin (Italy/Slovenia): Internal anatomy and inferred genetic processes. *Marine Geology*, **2014**, 356, 88-110	3.3	43
77	Setting and tectonic evolution of some Eastern Mediterranean deep-sea basins. *Marine Geology*, **1987**, 75, 31-55	3.3	43
76	Sediment drifts and deep-sea channel systems, Antarctic Peninsula Pacific Margin. *Geological Society Memoir*, **2002**, 22, 353-371	0.4	40
75	The present and past bottom-current flow regime around the sediment drifts on the continental rise west of the Antarctic Peninsula. *Marine Geology*, **2008**, 255, 55-63	3.3	39

74	Record of methane emissions from the West Svalbard continental margin during the last 23.500yrs revealed by 13C of benthic foraminifera. *Global and Planetary Change*, **2014**, 122, 151-160	4.2	38
73	Water masses and bottom boundary layer dynamics above a sediment drift of the Antarctic Peninsula Pacific Margin. *Antarctic Science*, **2003**, 15, 537-546	1.7	38
72	Accretion, structural style and syn-contractional sedimentation in the Eastern Mediterranean Sea. *Marine Geology*, **2002**, 186, 127-144	3.3	38
71	Evidence of the Zanclean megaflood in the eastern Mediterranean Basin. *Scientific Reports*, **2018**, 8, 1078	4.9	36
70	Morphogenesis of the SW Balearic continental slope and adjacent abyssal plain, Western Mediterranean Sea. *International Journal of Earth Sciences*, **2009**, 98, 735-750	2.2	36
69	Late Pliocene margin development and mega debris flow deposits on the Antarctic continental margins: Evidence of the onset of the modern Antarctic Ice Sheet?. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2008**, 260, 149-167	2.9	36
68	Late Pliocene Mega Debris Flow Deposit and Related Fluid Escapes Identified on the Antarctic Peninsula Continental Margin by Seismic Reflection Data Analysis. *Marine Geophysical Researches*, **2006**, 27, 109-128	2.3	36
67	Seismic stratigraphy of Palmer Deep: a fault-bounded late Quaternary sediment trap on the inner continental shelf, Antarctic Peninsula Pacific margin. *Marine Geology*, **1998**, 151, 89-110	3.3	34
66	Assessment of gas hydrate and free gas distribution on the South Shetland margin (Antarctica) based on multichannel seismic reflection data. *Geophysical Journal International*, **2002**, 148, 103-119	2.6	34
65	Gas hydrate and free gas distribution from inversion of seismic data on the South Shetland margin (Antarctica). *Marine Geophysical Researches*, **2002**, 23, 109-123	2.3	31
64	The occurrence and significance of Pleistocene and Upper Pliocene sapropels in the Tyrrhenian Sea. *Marine Geology*, **1991**, 100, 155-182	3.3	31
63	Methane seepages recorded in benthic foraminifera from Miocene seep carbonates, Northern Apennines (Italy). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2009**, 284, 271-282	2.9	30
62	Modeling deformation and salt tectonics in the eastern Mediterranean Ridge accretionary wedge. *Bulletin of the Geological Society of America*, **2004**, 116, 880	3.9	27
61	Physiography and structure of Bacino Bannock (eastern mediterranean). *Geo-Marine Letters*, **1990**, 10, 23-30	1.9	26
60	Onset and growth of Trough-Mouth Fans on the North-Western Barents Sea margin Implications for the evolution of the Barents Sea/Svalbard Ice Sheet. *Quaternary Science Reviews*, **2014**, 92, 227-234	3.9	25
59	Tracing seafloor methane emissions with benthic foraminifera: Results from the Ana submarine landslide (Eivissa Channel, Western Mediterranean Sea). *Marine Geology*, **2012**, 291-294, 97-112	3.3	24
58	A bottom simulating reflector on the South Shetland margin, Antarctic Peninsula. *Antarctic Science*, **1993**, 5, 207-210	1.7	24
57	Cruise reveals history of Holocene Larsen Ice Shelf. *Eos*, **2001**, 82, 13-13	1.5	21

56	Seismic imaging of Late Miocene (Messinian) evaporites from Western Mediterranean back-arc basins. *Petroleum Geoscience*, **2016**, 22, 297-308	1.9	20
55	Late Quaternary development of the Storfjorden and Kveithola Trough Mouth Fans, northwestern Barents Sea. *Quaternary Science Reviews*, **2015**, 129, 68-84	3.9	19
54	The Zanclean megaflood of the Mediterranean Searching for independent evidence. *Earth-Science Reviews*, **2020**, 201, 103061	10.2	19
53	Geomorphic evolution of the Malta Escarpment and implications for the Messinian evaporative drawdown in the eastern Mediterranean Sea. *Geomorphology*, **2019**, 327, 264-283	4.3	19
52	Late Holocene foraminifera of Blake Ridge diapir: Assemblage variation and stable-isotope record in gas-hydrate bearing sediments. *Marine Geology*, **2014**, 353, 99-107	3.3	18
51	The History of Sedimentation on the Continental Rise West of the Antarctic Peninsula. *Antarctic Research Series*, **2013**, 29-49		18
50	New insights into Quaternary glacial dynamic changes on the George V Land continental margin (East Antarctica). *Quaternary Science Reviews*, **2006**, 25, 3029-3049	3.9	18
49	A Database on Submarine Landslides of the Mediterranean Sea **2010**, 503-513		18
48	Interaction of processes and importance of contourites: insights from the detailed morphology of sediment Drift 7, Antarctica. *Geological Society Special Publication*, **2007**, 276, 95-110	1.7	17
47	Seismic investigation of thick evaporite deposits on the central and inner unit of the Mediterranean Ridge accretionary complex. *Marine Geology*, **2002**, 186, 167-194	3.3	17
46	Glacial History of the Antarctic Peninsula from Pacific Margin Sediments		17
45	Marine sedimentary record of Meltwater Pulse 1a along the NW Barents Sea continental margin. *Arktos*, **2015**, 1, 1	0.9	16
44	Seismic tomography study of a bottom simulating reflector off the South Shetland Islands (Antarctica). *Geological Society Special Publication*, **1998**, 137, 141-151	1.7	15
43	Chapter 1 Contourite Research. *Developments in Sedimentology*, **2008**, 60, 1-10		14
42	Eastern Mediterranean basin systems. *Geological Society Memoir*, **2006**, 32, 263-276	0.4	14
41	A Holocene paleosecular variation record from the northwestern Barents Sea continental margin. *Geochemistry, Geophysics, Geosystems*, **2011**, 12, n/a-n/a	3.6	13
40	Sedimentary Mlanges and Fossil Mass-Transport Complexes: A Key for Better Understanding Submarine Mass Movements? **2012**, 585-594		13
39	Seismic markers of the Messinian salinity crisis in the deep Ionian Basin. *Basin Research*, **2020**, 32, 716-738	3.2	13

38	Recent Submarine Landslides on the Continental Slope of Storfjorden and Kveithola Trough-Mouth Fans (North West Barents Sea) **2012**, 735-745		12
37	Deglacial History of the Greenpeace Trough: Ice Sheet to Ice Shelf Transition in the Northwestern Weddell Sea. *Antarctic Research Series*, **2013**, 195-204		11
36	Gas hydrates, free gas distribution and fault pattern on the west Svalbard continental margin. *Geophysical Journal International*, **2010**, 180, 666-684	2.6	11
35	Scientific Ocean Drilling Behind the Assessment of Geo-Hazards from Submarine Slides. *Scientific Drilling*,4, 45-47		11
34	Addressing Geohazards Through Ocean Drilling. *Scientific Drilling*,7, 15-30		11
33	Late Miocene sedimentary architecture of the Ebro Continental Margin (Western Mediterranean): implications to the Messinian Salinity Crisis. *International Journal of Earth Sciences*, **2014**, 103, 423-440	2.2	10
32	Simulated last deglaciation of the Barents Sea Ice Sheet primarily driven by oceanic conditions. *Quaternary Science Reviews*, **2020**, 238, 106314	3.9	10
31	Freshening of the Mediterranean Salt Giant: controversies and certainties around the terminal (Upper Gypsum and Lago-Mare) phases of the Messinian Salinity Crisis. *Earth-Science Reviews*, **2021**, 216, 103577	10.2	9
30	Heat flow in the Western Mediterranean: Thermal anomalies on the margins, the seafloor and the transfer zones. *Marine Geology*, **2020**, 419, 106064	3.3	8
29	Fluid flow and pore pressure development throughout the evolution of a trough mouth fan, western Barents Sea. *Basin Research*, **2019**, 31, 487-513	3.2	8
28	Data Report: Physical Properties Relevant to Seismic Stratigraphic Studies, Continental Rise Sites 1095, 1096, and 1101, ODP Leg 178, Antarctic Peninsula		7
27	Open-slope, translational submarine landslide in a tectonically active volcanic continental margin (Licosa submarine landslide, southern Tyrrhenian Sea). *Geological Society Special Publication*, **2019**, 477, 133-150	1.7	7
26	Thermal history of deep-sea sediments as a record of recent changes in the deep circulation of the eastern Mediterranean. *Journal of Geophysical Research*, **2003**, 108,		6
25	A refined age calibrated paleosecular variation and relative paleointensity stack for the NW Barents Sea: Implication for geomagnetic field behavior during the Holocene. *Quaternary Science Reviews*, **2020**, 229, 106133	3.9	6
24	A mixed turbidite–contourite system related to a major submarine canyon: The Marquês de Pombal Drift (south-west Iberian margin). *Sedimentology*, **2021**, 68, 2069-2096	3.3	6
23	Interplay of grounding-line dynamics and sub-shelf melting during retreat of the Bjørnøyrenna Ice Stream. *Scientific Reports*, **2018**, 8, 7196	4.9	5
22	Bannock Basin, Sirte Abyssal Plain and Conrad Spur: structural relationships between Mediterranean Ridge and its western foreland and implications on the character of the accretionary complex (eastern Mediterranean). *Marine Geophysical Researches*, **2009**, 30, 161-192	2.3	5
21	Slope Instability of Glaciated Continental Margins: Constraints from Permeability-Compressibility Tests and Hydrogeological Modeling Off Storfjorden, NW Barents Sea. *Advances in Natural and Technological Hazards Research*, **2014**, 95-104	1.8	5

20	One Million Years of Climatic Generated Landslide Events on the Northwestern Barents Sea Continental Margin **2012**, 747-756		5
19	An Approach to Antarctic Glacial History: the Aims of Leg 178		4
18	A single-stage megaflood at the termination of the Messinian salinity crisis: Geophysical and modelling evidence from the eastern Mediterranean Basin. *Marine Geology*, **2020**, 430, 106337	3.3	4
17	Probing connections between deep earth and surface processes in a land-locked ocean basin transformed into a giant saline basin: The Mediterranean GOLD project#. *Marine and Petroleum Geology*, **2015**, 66, 6-17	4.7	3
16	Variations in sediment physical properties and permeability of mud-volcano deposits from Napoli Dome and adjacent mud volcanoes		3
15	Sediment Drifts on the Continental Rise of the Antarctic Peninsula **1997**, 294-296		3
14	Seismic Diffraction Imaging to Characterize Mass-Transport Complexes: Examples From the Gulf of Cadiz, South West Iberian Margin. *Journal of Geophysical Research: Solid Earth*, **2021**, 126, e2020JB021474	3.6	3
13	Glacigenic debris-flow deposits, Storfjorden Fan. *Geological Society Memoir*, **2016**, 46, 373-374	0.4	3
12	Uncovering the Mediterranean Salt Giant (MEDSALT) - Scientific Networking as Incubator of Cross-disciplinary Research in Earth Sciences. *European Review*, **2020**, 28, 40-61	0.3	3
11	Bottom current-controlled Quaternary sedimentation at the foot of the Malta Escarpment (Ionian Basin, Mediterranean). *Marine Geology*, **2021**, 441, 106596	3.3	3
10	Geostatistical characterization of internal structure of mass-transport deposits from seismic reflection images and borehole logs. *Geophysical Journal International*, **2020**, 221, 318-333	2.6	2
9	Estimation of biogenic silica contents in marine sediments using seismic and well log data: Sediment Drift 7, Antarctica. *International Journal of Earth Sciences*, **2009**, 98, 839-848	2.2	2
8	Margin architecture reveals the transition to the modern Antarctic ice sheet ca. 3 Ma: COMMENT AND REPLY: REPLY. *Geology*, **2007**, 35, e140-e140	5	2
7	Salt morphologies and crustal segmentation relationship: New insights from the Western Mediterranean Sea. *Earth-Science Reviews*, **2021**, 222, 103818	10.2	2
6	Evaluation of disturbance induced on soft offshore sediments by two types of gravity piston coring techniques. *Marine Geology*, **2019**, 417, 106005	3.3	1
5	Studying geohazards with ocean cores. Addressing geologic hazards through ocean drilling: An IODP international workshop, Portland, Oregon, 27–30 August 2007. *Eos*, **2007**, 88, 579	1.5	1
4	Drivers of Seafloor Geomorphic Change. *Springer Geology*, **2018**, 135-159	0.8	1
3	Storfjorden Trough-Mouth Fan, Barents Sea margin. *Geological Society Memoir*, **2016**, 46, 371-372	0.4	1

2 Finding and Using the World's Gas Hydrates **2022**, 33-52

1 4. Diffractions Observed on Seismic Data **2016**, 499-653