

# Angelo A Camerlenghi

## List of Publications by Year in descending order

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116  
papers

5,583  
citations

76322

40  
h-index

85537

71  
g-index

144  
all docs

144  
docs citations

144  
times ranked

4952  
citing authors

#	ARTICLE	IF	CITATIONS
1	The International Bathymetric Chart of the Arctic Ocean (IBCAO) Version 3.0. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	888
2	The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. <i>Marine Geology</i> , 2014, 352, 25-58.	2.1	436
3	Submarine landslides of the Mediterranean Sea: Trigger mechanisms, dynamics, and frequency-magnitude distribution. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 2600-2618.	2.8	151
4	Giant sediment drifts on the continental rise west of the Antarctic Peninsula. <i>Geo-Marine Letters</i> , 1996, 16, 65-75.	1.1	135
5	Geophysical evidence of mud diapirism on the Mediterranean Ridge accretionary complex. <i>Marine Geophysical Researches</i> , 1995, 17, 115-141.	1.2	131
6	Historical and pre-historical tsunamis in the Mediterranean and its connected seas: Geological signatures, generation mechanisms and coastal impacts. <i>Marine Geology</i> , 2014, 354, 81-109.	2.1	128
7	Geological evidence for mud diapirism on the Mediterranean Ridge accretionary complex. <i>Earth and Planetary Science Letters</i> , 1992, 109, 493-504.	4.4	120
8	Holocene history of the Larsen-A Ice Shelf constrained by geomagnetic paleointensity dating. <i>Geology</i> , 2003, 31, 749.	4.4	118
9	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. <i>Marine and Petroleum Geology</i> , 2008, 25, 744-758.	3.3	114
10	Subglacial morphology and glacial evolution of the Palmer deep outlet system, Antarctic Peninsula. <i>Geomorphology</i> , 2006, 75, 125-142.	2.6	111
11	Deep-sea tsunami deposits in the eastern Mediterranean: New evidence and depositional models. <i>Sedimentary Geology</i> , 1996, 104, 155-173.	2.1	109
12	Mid-late Pleistocene glacimarine sedimentary processes of a high-latitude, deep-sea sediment drift (Antarctic Peninsula Pacific margin). <i>Marine Geology</i> , 2002, 189, 343-370.	2.1	104
13	Mud volcanoes, olistostromes and Argille scagliose in the Mediterranean region. <i>Sedimentology</i> , 2009, 56, 319-365.	3.1	95
14	Effects of biogenic silica on sediment compaction and slope stability on the Pacific margin of the Antarctic Peninsula. <i>Basin Research</i> , 2003, 15, 339-363.	2.7	94
15	Glacial-interglacial deposition on a sediment drift on the Pacific margin of the Antarctic Peninsula. <i>Antarctic Science</i> , 1998, 10, 286-308.	0.9	88
16	New constraints on the Messinian sealevel drawdown from 3D seismic data of the Ebro Margin, western Mediterranean. <i>Basin Research</i> , 2011, 23, 123-145.	2.7	84
17	Gypsum precipitation from cold brines in an anoxic basin in the eastern Mediterranean. <i>Nature</i> , 1985, 314, 152-154.	27.8	82
18	Mediterranean megaturbidite triggered by the AD 365 Crete earthquake and tsunami. <i>Scientific Reports</i> , 2013, 3, 1285.	3.3	82

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19	Postglacial sedimentary processes on the Storfjorden and Kveithola trough mouth fans: Significance of extreme glacial marine sedimentation. <i>Global and Planetary Change</i> , 2013, 111, 309-326.	3.5	78
20	New findings of Bronze Age homogenites in the Ionian Sea: Geodynamic implications for the Mediterranean. <i>Marine Geology</i> , 1984, 55, 47-62.	2.1	76
21	Margin architecture reveals the transition to the modern Antarctic ice sheet ca. 3 Ma. <i>Geology</i> , 2006, 34, 301.	4.4	74
22	Chapter 25 The Significance of Contourites for Submarine Slope Stability. <i>Developments in Sedimentology</i> , 2008, , 537-556.	0.5	74
23	Title is missing!. <i>Marine Geophysical Researches</i> , 2001, 22, 417-443.	1.2	70
24	Environmental magnetism of Antarctic Late Pleistocene sediments and interhemispheric correlation of climatic events. <i>Earth and Planetary Science Letters</i> , 2001, 192, 65-80.	4.4	69
25	Ten-month observation of the bottom current regime across a sediment drift of the Pacific margin of the Antarctic Peninsula. <i>Antarctic Science</i> , 1997, 9, 426-433.	0.9	66
26	Deglaciation of the western margin of the Barents Sea Ice Sheet – A swath bathymetric and sub-bottom seismic study from the Kveithola Trough. <i>Marine Geology</i> , 2011, 279, 141-147.	2.1	66
27	Turbidites and megaturbidites from the Herodotus abyssal plain (eastern Mediterranean) unrelated to seismic events. <i>Marine Geology</i> , 1984, 55, 79-101.	2.1	65
28	Anoxic basins of the eastern Mediterranean: geological framework. <i>Marine Chemistry</i> , 1990, 31, 1-19.	2.3	63
29	Repeated slope failure linked to fluid migration: The Ana submarine landslide complex, Eivissa Channel, Western Mediterranean Sea. <i>Earth and Planetary Science Letters</i> , 2012, 319-320, 65-74.	4.4	61
30	The carbonate mass transport deposits of the Paleogene Friuli Basin (Italy/Slovenia): Internal anatomy and inferred genetic processes. <i>Marine Geology</i> , 2014, 356, 88-110.	2.1	57
31	Seabed morphology and shallow sedimentary structure of the Storfjorden and Kveithola trough-mouth fans (North West Barents Sea). <i>Marine Geology</i> , 2011, 286, 65-81.	2.1	55
32	Relationship between continental rise development and palaeo-ice sheet dynamics, Northern Antarctic Peninsula Pacific margin. <i>Quaternary Science Reviews</i> , 2006, 25, 933-944.	3.0	54
33	Record of methane emissions from the West Svalbard continental margin during the last 23.500yrs revealed by $\delta^{13}C$ of benthic foraminifera. <i>Global and Planetary Change</i> , 2014, 122, 151-160.	3.5	51
34	Evidence of the Zanclean megaflood in the eastern Mediterranean Basin. <i>Scientific Reports</i> , 2018, 8, 1078.	3.3	49
35	Sediment drifts and deep-sea channel systems, Antarctic Peninsula Pacific Margin. <i>Geological Society Memoir</i> , 2002, 22, 353-371.	1.7	47
36	The present and past bottom-current flow regime around the sediment drifts on the continental rise west of the Antarctic Peninsula. <i>Marine Geology</i> , 2008, 255, 55-63.	2.1	47

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37	Setting and tectonic evolution of some Eastern Mediterranean deep-sea basins. <i>Marine Geology</i> , 1987, 75, 31-55.	2.1	45
38	Seismic stratigraphy of Palmer Deep: a fault-bounded late Quaternary sediment trap on the inner continental shelf, Antarctic Peninsula Pacific margin. <i>Marine Geology</i> , 1998, 151, 89-110.	2.1	44
39	Late Pliocene Mega Debris Flow Deposit and Related Fluid Escapes Identified on the Antarctic Peninsula Continental Margin by Seismic Reflection Data Analysis. <i>Marine Geophysical Researches</i> , 2006, 27, 109-128.	1.2	44
40	Morphogenesis of the SW Balearic continental slope and adjacent abyssal plain, Western Mediterranean Sea. <i>International Journal of Earth Sciences</i> , 2009, 98, 735-750.	1.8	44
41	Water masses and bottom boundary layer dynamics above a sediment drift of the Antarctic Peninsula Pacific Margin. <i>Antarctic Science</i> , 2003, 15, 537-546.	0.9	42
42	Accretion, structural style and syn-contractional sedimentation in the Eastern Mediterranean Sea. <i>Marine Geology</i> , 2002, 186, 127-144.	2.1	40
43	Late Pliocene margin development and mega debris flow deposits on the Antarctic continental margins: Evidence of the onset of the modern Antarctic Ice Sheet?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 260, 149-167.	2.3	40
44	The History of Sedimentation on the Continental Rise West of the Antarctic Peninsula. <i>Antarctic Research Series</i> , 0, , 29-49.	0.2	40
45	Freshening of the Mediterranean Salt Giant: controversies and certainties around the terminal (Upper) Tj ETQq1 1 0,784314 rBT /Ov	9.1	39
46	Assessment of gas hydrate and free gas distribution on the South Shetland margin (Antarctica) based on multichannel seismic reflection data. <i>Geophysical Journal International</i> , 2002, 148, 103-119.	2.4	38
47	Title is missing!. <i>Marine Geophysical Researches</i> , 2002, 23, 109-123.	1.2	37
48	The occurrence and significance of Pleistocene and Upper Pliocene sapropels in the Tyrrhenian Sea. <i>Marine Geology</i> , 1991, 100, 155-182.	2.1	36
49	Methane seepages recorded in benthic foraminifera from Miocene seep carbonates, Northern Apennines (Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 284, 271-282.	2.3	36
50	The Zanclean megaflood of the Mediterranean â€“ Searching for independent evidence. <i>Earth-Science Reviews</i> , 2020, 201, 103061.	9.1	34
51	Tracing seafloor methane emissions with benthic foraminifera: Results from the Ana submarine landslide (Eivissa Channel, Western Mediterranean Sea). <i>Marine Geology</i> , 2012, 291-294, 97-112.	2.1	33
52	Onset and growth of Trough-Mouth Fans on the North-Western Barents Sea margin â€“ implications for the evolution of the Barents Sea/Svalbard Ice Sheet. <i>Quaternary Science Reviews</i> , 2014, 92, 227-234.	3.0	30
53	Physiography and structure of Bacino Bannock (eastern mediterranean). <i>Geo-Marine Letters</i> , 1990, 10, 23-30.	1.1	29
54	A bottom simulating reflector on the South Shetland margin, Antarctic Peninsula. <i>Antarctic Science</i> , 1993, 5, 207-210.	0.9	29

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55	Modeling deformation and salt tectonics in the eastern Mediterranean Ridge accretionary wedge. <i>Bulletin of the Geological Society of America</i> , 2004, 116, 880.	3.3	29
56	Seismic imaging of Late Miocene (Messinian) evaporites from Western Mediterranean back-arc basins. <i>Petroleum Geoscience</i> , 2016, 22, 297-308.	1.5	29
57	Cruise reveals history of Holocene Larsen Ice Shelf. <i>Eos</i> , 2001, 82, 13-13.	0.1	28
58	Seismic investigation of thick evaporite deposits on the central and inner unit of the Mediterranean Ridge accretionary complex. <i>Marine Geology</i> , 2002, 186, 167-194.	2.1	24
59	Geomorphic evolution of the Malta Escarpment and implications for the Messinian evaporative drawdown in the eastern Mediterranean Sea. <i>Geomorphology</i> , 2019, 327, 264-283.	2.6	24
60	Interaction of processes and importance of contourites: insights from the detailed morphology of sediment Drift 7, Antarctica. <i>Geological Society Special Publication</i> , 2007, 276, 95-110.	1.3	23
61	Chapter 1 Contourite Research. <i>Developments in Sedimentology</i> , 2008, 60, 1-10.	0.5	23
62	A Database on Submarine Landslides of the Mediterranean Sea. , 2010, , 503-513.		23
63	Late Holocene foraminifera of Blake Ridge diapir: Assemblage variation and stable-isotope record in gas-hydrate bearing sediments. <i>Marine Geology</i> , 2014, 353, 99-107.	2.1	22
64	Marine sedimentary record of Meltwater Pulse 1a along the NW Barents Sea continental margin. <i>Arktos</i> , 2015, 1, 1.	1.0	22
65	Late Quaternary development of the Storfjorden and Kveithola Trough Mouth Fans, northwestern Barents Sea. <i>Quaternary Science Reviews</i> , 2015, 129, 68-84.	3.0	22
66	Seismic markers of the Messinian salinity crisis in the deep Ionian Basin. <i>Basin Research</i> , 2020, 32, 716-738.	2.7	22
67	Glacial History of the Antarctic Peninsula from Pacific Margin Sediments. , 0, ,		22
68	New insights into Quaternary glacial dynamic changes on the George V Land continental margin (East) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	21
69	Seismic tomography study of a bottom simulating reflector off the South Shetland Islands (Antarctica). <i>Geological Society Special Publication</i> , 1998, 137, 141-151.	1.3	20
70	Eastern Mediterranean basin systems. <i>Geological Society Memoir</i> , 2006, 32, 263-276.	1.7	18
71	Sedimentary MÃ©langes and Fossil Mass-Transport Complexes: A Key for Better Understanding Submarine Mass Movements?. , 2012, , 585-594.		18
72	Gas hydrates, free gas distribution and fault pattern on the west Svalbard continental margin. <i>Geophysical Journal International</i> , 2010, 180, 666-684.	2.4	17

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73	A Holocene paleosecular variation record from the northwestern Barents Sea continental margin. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	17
74	Heat flow in the Western Mediterranean: Thermal anomalies on the margins, the seafloor and the transfer zones. <i>Marine Geology</i> , 2020, 419, 106064.	2.1	17
75	Recent Submarine Landslides on the Continental Slope of Storfjorden and Kveithola Trough-Mouth Fans (North West Barents Sea). , 2012, , 735-745.		15
76	Simulated last deglaciation of the Barents Sea Ice Sheet primarily driven by oceanic conditions. <i>Quaternary Science Reviews</i> , 2020, 238, 106314.	3.0	14
77	Fluid flow and pore pressure development throughout the evolution of a trough mouth fan, western Barents Sea. <i>Basin Research</i> , 2019, 31, 487-513.	2.7	13
78	Deglacial History of the Greenpeace Trough: Ice Sheet to Ice Shelf Transition in the Northwestern Weddell Sea. <i>Antarctic Research Series</i> , 2013, , 195-204.	0.2	12
79	Late Miocene sedimentary architecture of the Ebro Continental Margin (Western Mediterranean): implications to the Messinian Salinity Crisis. <i>International Journal of Earth Sciences</i> , 2014, 103, 423-440.	1.8	12
80	Bottom current-controlled Quaternary sedimentation at the foot of the Malta Escarpment (Ionian Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.1	12
81	Scientific Ocean Drilling Behind the Assessment of Geo-Hazards from Submarine Slides. <i>Scientific Drilling</i> , 0, 4, 45-47.	0.6	12
82	Addressing Geohazards Through Ocean Drilling. <i>Scientific Drilling</i> , 0, 7, 15-30.	0.6	12
83	A single-stage megaflood at the termination of the Messinian salinity crisis: Geophysical and modelling evidence from the eastern Mediterranean Basin. <i>Marine Geology</i> , 2020, 430, 106337.	2.1	11
84	A mixed turbidite “contourite system related to a major submarine canyon: The Marques de Pombal Drift (southwest Iberian margin). <i>Sedimentology</i> , 2021, 68, 2069-2096.	3.1	11
85	Interplay of grounding-line dynamics and sub-shelf melting during retreat of the Björnåyrenna Ice Stream. <i>Scientific Reports</i> , 2018, 8, 7196.	3.3	10
86	Open-slope, translational submarine landslide in a tectonically active volcanic continental margin (Licosa submarine landslide, southern Tyrrhenian Sea). <i>Geological Society Special Publication</i> , 2019, 477, 133-150.	1.3	9
87	A refined age calibrated paleosecular variation and relative paleointensity stack for the NW Barents Sea: Implication for geomagnetic field behavior during the Holocene. <i>Quaternary Science Reviews</i> , 2020, 229, 106133.	3.0	9
88	Seismic Diffraction Imaging to Characterize Mass Transport Complexes: Examples From the Gulf of Cadiz, South West Iberian Margin. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021474.	3.4	9
89	An Approach to Antarctic Glacial History: the Aims of Leg 178. , 0, , .		9
90	Thermal history of deep-sea sediments as a record of recent changes in the deep circulation of the eastern Mediterranean. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	7

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91	Data Report: Physical Properties Relevant to Seismic Stratigraphic Studies, Continental Rise Sites 1095, 1096, and 1101, ODP Leg 178, Antarctic Peninsula. , 0, , .		7
92	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.	1.2	6
93	Evaluation of disturbance induced on soft offshore sediments by two types of gravity piston coring techniques. Marine Geology, 2019, 417, 106005.	2.1	6
94	Uncovering the Mediterranean Salt Giant (MEDSALT) - Scientific Networking as Incubator of Cross-disciplinary Research in Earth Sciences. European Review, 2020, 28, 40-61.	0.7	6
95	Salt morphologies and crustal segmentation relationship: New insights from the Western Mediterranean Sea. Earth-Science Reviews, 2021, 222, 103818.	9.1	6
96	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.	1.1	6
97	One Million Years of Climatic Generated Landslide Events on the Northwestern Barents Sea Continental Margin. , 2012, , 747-756.		6
98	Sediment Drifts on the Continental Rise of the Antarctic Peninsula. , 1997, , 294-296.		6
99	Contractional salt deformation in a recently inverted basin: Miocene to current salt deformation within the central Algerian basin. Basin Research, 2022, 34, 1632-1654.	2.7	6
100	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.	3.3	4
101	Geostatistical characterization of internal structure of mass-transport deposits from seismic reflection images and borehole logs. Geophysical Journal International, 2020, 221, 318-333.	2.4	4
102	Variations in sediment physical properties and permeability of mud-volcano deposits from Napoli Dome and adjacent mud volcanoes. , 0, , .		4
103	Scientific Ocean Drilling Behind the Assessment of Geo-Hazards from Submarine Slides. Scientific Drilling, 2007, , .	0.6	4
104	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.	1.8	3
105	Glacigenic debris-flow deposits, Storfjorden Fan. Geological Society Memoir, 2016, 46, 373-374.	1.7	3
106	Data Report: Seismic Velocity Analysis On The Continental Shelf Transect, ODP Leg 178, Antarctic Peninsula. , 0, , .		3
107	Margin architecture reveals the transition to the modern Antarctic ice sheet ca. 3 Ma: COMMENT AND REPLY: REPLY. Geology, 2007, 35, e140-e140.	4.4	2
108	Drivers of Seafloor Geomorphic Change. Springer Geology, 2018, , 135-159.	0.3	2

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109	Studying geohazards with ocean cores. Addressing geologic hazards through ocean drilling: An IODP international workshop, Portland, Oregon, 27-30 August 2007. Eos, 2007, 88, 579-579.	0.1	1
110	Storfjorden Trough-Mouth Fan, Barents Sea margin. Geological Society Memoir, 2016, 46, 371-372.	1.7	1
111	Correction to "New constraints on the Messinian sealevel drawdown from 3D seismic data of the Ebro Margin, western Mediterranean" Basin Research, 2011, 23, 376-376.	2.7	0
112	4. Diffractions Observed on Seismic Data. , 2016, , 499-653.		0
113	Editorial - Consolidating the new deal of the Italian Journal of Geosciences. Italian Journal of Geosciences, 2013, , 3-3.	0.8	0
114	The Italian Journal of Geosciences is increasing its appeal among Geoscientists. Italian Journal of Geosciences, 2014, 133, 3-4.	0.8	0
115	Effective Teacher's Professional Development: the case of School of Rock in Italy. Rendiconti Online Societa Geologica Italiana, 0, 49, 99-106.	0.3	0
116	A comparison between sea-bottom gravity and satellite altimeter-derived gravity in coastal environments: A case study of the Gulf of Manfredonia (SW Adriatic Sea). Earth and Space Science, 0, , .	2.6	0