Alberto Castelli

List of Publications by Year
in descending order

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65 papers	1,700 citations	304743 22 h-index	315739 38 g-index
66 all docs	66 docs citations	66 times ranked	2173 citing authors

#	Article	IF	Citations
1	Alien species along the Italian coasts: an overview. Biological Invasions, 2011, 13, 215-237.	2.4	183
2	Analysis of macrozoobenthic community structure after severe dystrophic crises in a Mediterranean coastal lagoon. Marine Pollution Bulletin, 1997, 34, 536-547.	5.0	89
3	Polychaete populations of the shallow soft bottoms off Terra Nova Bay (Ross Sea, Antarctica): distribution, diversity and biomass. Polar Biology, 1997, 17, 199-210.	1.2	71
4	Long term eutrophication effects on macrofaunal communities in northern Adriatic Sea. Marine Pollution Bulletin, 1991, 22, 503-508.	5.0	69
5	Distribution and ecological relevance of fine sediments in organic-enriched lagoons: The case study of the Cabras lagoon (Sardinia, Italy). Marine Pollution Bulletin, 2008, 56, 549-564.	5.0	69
6	Ecological impacts of invading seaweeds: a metaâ€analysis of their effects at different trophic levels. Diversity and Distributions, 2015, 21, 1-12.	4.1	69
7	Phylogeography and genetic structure of the edible sea urchin Paracentrotus lividus (Echinodermata:) Tj ETQq1 1 0.784314 rgBT /Ove Society, 0, 100, 910-923.	1.6	67
8	Animal-sediment relationships: Evaluating the â€˜Pearsonâ€“Rosenberg paradigmâ€™ in Mediterranean coastal lagoons. Marine Pollution Bulletin, 2009, 58, 478-486.	5.0	64
9	Polychaete Vertical Zonation along a Littoral Cliff in the Western MÃ©diterranean. Marine Ecology, 1987, 8, 33-48.	1.1	54
10	Relationships Between Chemical Characteristics of Sediments and Macrofaunal Communities in the Cabras Lagoon (Western Mediterranean, Italy). Hydrobiologia, 2005, 550, 105-119.	2.0	54
11	Diet of two coastal nototheniid fish from Terra Nova Bay, Ross Sea. Antarctic Science, 1994, 6, 61-65.	0.9	43
12	Variance estimate and taxonomic resolution: An analysis of macrobenthic spatial patterns at different scales in a Western Mediterranean coastal lagoon. Marine Environmental Research, 2009, 67, 219-229.	2.5	40
13	Biodiversity in canopy-forming algae: Structure and spatial variability of the Mediterranean Cystoseira assemblages. Estuarine, Coastal and Shelf Science, 2018, 207, 132-141.	2.1	40
14	Small-scale morphological and genetic differentiation in the Mediterranean killifish Aphanius fasciatus (Cyprinodontidae) from a coastal brackish-water pond and an adjacent pool in northern Sardinia. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2003, 26, 111-119.	0.7	38
15	Mitochondrial DNA Reveals Genetic Structuring of Pinna nobilis across the Mediterranean Sea. PLoS ONE, 2013, 8, e67372.	2.5	38
16	Identification of endangered Mediterranean cyprinodontiform fish by means of DNA inter-simple sequence repeats (ISSRs). Biochemical Systematics and Ecology, 2006, 34, 626-634.	1.3	37
17	Macrofaunal community structure and distribution in a muddy coastal lagoon. Chemistry and Ecology, 2004, 20, 397-409.	1.6	36
18	Feeding ecology of two nototheniid fishes, Trematomus hansoni and Trematomus loennbergii, from Terra Nova Bay, Ross Sea. Polar Biology, 1997, 17, 62-68.	1.2	35

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19	Fine-grained spatial genetic structure in the bivalve Gemma gemma from Maine and Virginia (USA), as revealed by Inter-Simple Sequence Repeat markers. Journal of Experimental Marine Biology and Ecology, 2005, 325, 46-54.	1.5	35
20	Bioturbation in the Venice Lagoon: Rates and relationship to organisms. Acta Oecologica, 2007, 32, 14-25.	1.1	34
21	The Distribution of Polychaetes Along Environmental Gradients: An Example from the Or betel l o Lagoon, Italy. Marine Ecology, 1993, 14, 35-52.	1.1	30
22	Adverse effects of non-biodegradable and compostable plastic bags on the establishment of coastal dune vegetation: First experimental evidences. Environmental Pollution, 2019, 252, 188-195.	7.5	26
23	Intertidal Mediterranean Coralline Algae Habitat Is Expecting a Shift Toward a Reduced Growth and a Simplified Associated Fauna Under Climate Change. Frontiers in Marine Science, 2019, 6, .	2.5	25
24	Spatial Relationships between Polychaete Assemblages and Environmental Variables over Broad Geographical Scales. PLoS ONE, 2010, 5, e12946.	2.5	24
25	Non-indigenous species in Mediterranean ports: A knowledge baseline. Marine Environmental Research, 2020, 161, 105056.	2.5	22
26	Distribution of macrobenthic assemblages along a marine gradient in Mediterranean eutrophic coastal lagoons. Marine Ecology, 2006, 27, 66-75.	1.1	21
27	Human exclusion from rocky shores in a mediterranean marine protected area (MPA): An opportunity to investigate the effects of trampling. Marine Environmental Research, 2006, 62, 15-32.	2.5	20
28	Evidence for morphological and genetic divergence in Perinereis cultrifera (Polychaeta: Nereididae) from two habitat types at Elba Island. Journal of the Marine Biological Association of the United Kingdom, 2001, 81, 411-414.	0.8	19
29	Molecular contribution to stock identification in the small-spotted catshark, Scyliorhinus canicula (Chondrichthyes, Scyliorhinidae). Fisheries Research, 2014, 154, 11-16.	1.7	19
30	New records of the pygmy mussel Xenostrobus securis (Bivalvia: Mytilidae) in brackish-water biotopes of the western Mediterranean provide evidence of its invasive potential. Marine Biodiversity Records, 2011, 4, .	1.2	18
31	Combined effect of plastic litter and increased atmospheric nitrogen deposition on vegetative propagules of dune plants: A further threat to coastal ecosystems. Environmental Pollution, 2020, 266, 115281.	7.5	18
32	Genetic structure ofOctopus vulgaris(Mollusca, Cephalopoda) from the Mediterranean Sea as revealed by a microsatellite locus. Italian Journal of Zoology, 2002, 69, 295-300.	0.6	17
33	Morphological and genetic evidence supports the existence of two species in the genus Ophelia (Annelida, Polychaeta) from the Western Mediterranean. Biological Journal of the Linnean Society, 2004, 83, 101-113.	1.6	16
34	Morphological differentiation in the ragworm,Hediste diversicolor(Polychaeta, Nereididae), as revealed by variation of paragnath number and distribution. Italian Journal of Zoology, 2006, 73, 255-262.	0.6	15
35	The genetic structure of the exotic ascidian Styela plicata (Tunicata) from Italian ports, with a reâ€appraisal of its worldwide genetic pattern. Marine Ecology, 2016, 37, 492-502.	1.1	14
36	Taxonomic distinction of Ophelia barquii and O. bicornis (Annelida: Polychaeta) in the Mediterranean as revealed by ISSR markers and the number of nephridiopores. Journal of the Marine Biological Association of the United Kingdom, 2005, 85, 835-841.	0.8	13

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37	Life-history and demographic spatial variation in Mediterranean populations of the opportunistic polychaete Ophryotrocha labronica (Polychaeta, Dorvilleidae). Marine Biology, 2011, 158, 1523-1535.	1.5	13
38	Mitochondrial <scp>DNA</scp> variability of the pipefish Syngnathus abaster. Journal of Fish Biology, 2013, 82, 856-876.	1.6	13
39	Harbour type and use destination shape fouling community and non-indigenous species assemblage: A study of three northern Tyrrhenian port systems (Mediterranean Sea). Marine Pollution Bulletin, 2022, 174, 113191.	5.0	13
40	Impact of storms and proximity to entry points on marine litter and wrack accumulation along Mediterranean beaches: Management implications. Science of the Total Environment, 2022, 824, 153914.	8.0	13
41	On someAmphicorina(Polychaeta, Sabellidae) species from the Mediterranean coast, with the description of A.grahamensis. Italian Journal of Zoology, 1999, 66, 195-203.	0.6	12
42	A new species of the genus Lightiella: the first record of Cephalocarida (Crustacea) in Europe. Zoological Journal of the Linnean Society, 2006, 148, 209-220.	2.3	12
43	Immediate Effects of Experimental Human Trampling on Mid-Upper Intertidal benthic Invertebrates at the Asinara Island MPA (NW Mediterranean). Hydrobiologia, 2006, 555, 271-279.	2.0	12
44	Application of plant growth regulators, a simple technique for improving the establishment success of plant cuttings in coastal dune restoration. Estuarine, Coastal and Shelf Science, 2012, 99, 74-84.	2.1	11
45	Molecular phylogeny of Paraonidae (Annelida). Molecular Phylogenetics and Evolution, 2019, 136, 1-13.	2.7	11
46	Recovery of the macrozoobenthic community of the comacchio lagoon system (Northern Adriatic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	10
47	Distribution and diversity of polychaetes along a bathyal escarpment in the western Mediterranean Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 144, 85-94.	1.4	10
48	An intertidal life: Combined effects of acidification and winter heatwaves on a coralline alga (Ellisolandia elongata) and its associated invertebrate community. Marine Environmental Research, 2021, 169, 105342.	2.5	10
49	Determination of soil nitrate by means of specific ion electrode: Comparison among different extracting solutions. Communications in Soil Science and Plant Analysis, 1979, 10, 883-893.	1.4	9
50	Genetic structure of Hediste diversicolor (Polychaeta, Nereididae) from the northwestern Mediterranean as revealed by DNA inter-simple sequence repeat (ISSR) markers. Marine Ecology - Progress Series, 2012, 452, 171-178.	1.9	9
51	A new species of Cirrophorus (Annelida: Paraonidae) from Mediterranean organically enriched coastal environments, with taxonomic notes on the family. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 871-880.	0.8	8
52	Evidence for high levels of genetic divergence between populations of the bivalve Mytilaster minimus from a brackish environment and two adjacent marine sites. Journal of Molluscan Studies, 2001, 67, 506-510.	1.2	6
53	Phylogeography of Ophryotrocha labronica (Polychaeta, Dorvilleidae) along the Italian coasts. Marine Ecology, 2015, 36, 1088-1097.	1.1	6
54	A contribution to the phylogeography ofPinctada imbricata radiata(Leach, 1814) (Bivalvia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Journal of Zoology, 2016, 83, 113-120.	0.6	6

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55	Syllidae (Annelida: Phyllodocida) from the deep Mediterranean Sea, with the description of three new species. Zootaxa, 2018, 4369, 197-220.	0.5	5
56	Onuphis falesia, a new species of Onuphinae (Polychaeta, Eunicidae). Bollettino Di Zoologia, 1982, 49, 45-49.	0.3	4
57	Worming its way into Patagonia: an integrative approach reveals the cryptic invasion by Eulalia clavigera (Annelida: Phyllodocidae). Marine Biodiversity, 2019, 49, 851-861.	1.0	4
58	Phylogeography of Aphanius fasciatus (Osteichthyes: Aphaniidae) in the Mediterranean Sea, with a focus on its conservation in Cyprus. Hydrobiologia, 2021, 848, 4093-4114.	2.0	4
59	Revision of the Laonice bahusiensis complex (Annelida: Spionidae) with a description of three new species. Zootaxa, 2021, 4996, 253-283.	0.5	4
60	Schroederella laubieri,a new species of the subfamily protoariicinae (polychaeta, orbiniidae), with some notes on the genusschroederellalaubier, 1962. Bollettino Di Zoologia, 1991, 58, 95-98.	0.3	1
61	Platynereis nadiae sp. n. (Polychaeta: Nereididae) from Italian coasts. Zoologica Scripta, 1992, 21, 151-155.	1.7	1
62	The genus Echinofabricia (Annelida: Fabriciidae) in the Mediterranean Sea with the description of E. rousei sp. nov.. Journal of the Marine Biological Association of the United Kingdom, 2013, 93, 1773-1776.	0.8	1
63	Exogone cognettii n. sp., a new species of the subfamily Exogoninae (Polychaeta, Syllidae) collected in the Bay of Calvi (Northern Corsica). Bollettino Di Zoologia, 1987, 54, 155-157.	0.3	0
64	Factors involved in prey resource partitioning in the genus Artedidraco (Notothenioidei,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (A	2.0	0
65	Spatial genetic patterns of Octopus vulgaris Mediterranean populations support the hypothesis of a transitional zone across the Siculo-Tunisian Strait. Hydrobiologia, 2021, 848, 4225-4240.	2.0	0