

# Alessandro Cau

## List of Publications by Year in descending order

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89  
papers

2,123  
citations

257101

24  
h-index

276539

41  
g-index

90  
all docs

90  
docs citations

90  
times ranked

2005  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution and assessment of marine debris in the deep Tyrrhenian Sea (NW Mediterranean Sea, Italy). <i>Marine Pollution Bulletin</i> , 2015, 92, 149-159.	2.3	172
2	Mediterranean Bioconstructions Along the Italian Coast. <i>Advances in Marine Biology</i> , 2018, 79, 61-136.	0.7	142
3	Persistence of Pristine Deep-Sea Coral Gardens in the Mediterranean Sea (SW Sardinia). <i>PLoS ONE</i> , 2015, 10, e0119393.	1.1	114
4	The "Sardinian cold-water coral province" in the context of the Mediterranean coral ecosystems. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 145, 61-78.	0.6	113
5	Benthic Crustacean Digestion Can Modulate the Environmental Fate of Microplastics in the Deep Sea. <i>Environmental Science &amp; Technology</i> , 2020, 54, 4886-4892.	4.6	96
6	Microplastics in the crustaceans <i>Nephrops norvegicus</i> and <i>Aristeus antennatus</i> : Flagship species for deep-sea environments?. <i>Environmental Pollution</i> , 2019, 255, 113107.	3.7	95
7	Size and age at sexual maturity of female bluefin tuna ( <i>Thunnus thynnus</i> L. 1758) from the Mediterranean Sea. <i>Journal of Applied Ichthyology</i> , 2005, 21, 483-486.	0.3	81
8	Submarine canyons along the upper Sardinian slope (Central Western Mediterranean) as repositories for derelict fishing gears. <i>Marine Pollution Bulletin</i> , 2017, 123, 357-364.	2.3	74
9	Deepwater corals biodiversity along roche du large ecosystems with different habitat complexity along the south Sardinia continental margin (CW Mediterranean Sea). <i>Marine Biology</i> , 2015, 162, 1865-1878.	0.7	61
10	Improving the Conservation of Mediterranean Chondrichthyans: The ELASMOMED DNA Barcode Reference Library. <i>PLoS ONE</i> , 2017, 12, e0170244.	1.1	47
11	Spatial variability of Chondrichthyes in the northern Mediterranean. <i>Scientia Marina</i> , 2019, 83, 81.	0.3	47
12	Habitat constraints and self-thinning shape Mediterranean red coral deep population structure: implications for conservation practice. <i>Scientific Reports</i> , 2016, 6, 23322.	1.6	41
13	Spillover effects of a Mediterranean marine protected area on the European spiny lobster <i>Palinurus elephas</i> (Fabricius, 1787) resource. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2011, 21, 564-572.	0.9	38
14	<i>Leiopathes glaberrima</i> millennial forest from SW Sardinia as nursery ground for the small spotted catshark <i>Scyliorhinus canicula</i> . <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 731-735.	0.9	38
15	Amount and distribution of benthic marine litter along Sardinian fishing grounds (CW Mediterranean) <small>Tj ETQq1 1 0,784314 rgBT /Ove</small>	3.7	38
16	Spatial distribution of marine macro-litter on the seafloor in the northern Mediterranean Sea: the MEDITS initiative. <i>Scientia Marina</i> , 2019, 83, 257.	0.3	37
17	Dumping to the abyss: single-use marine litter invading bathyal plains of the Sardinian margin (Tyrrhenian Sea). <i>Marine Pollution Bulletin</i> , 2018, 135, 845-851.	2.3	36
18	Deep-water fish assemblages in the central-western Mediterranean (south Sardinian deep-waters). <i>Journal of Applied Ichthyology</i> , 2011, 27, 129-135.	0.3	35

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19	Temporal dynamics of demersal chondrichthyan species in the central western Mediterranean Sea: The case study in Sardinia Island. <i>Fisheries Research</i> , 2017, 193, 81-94.	0.9	33
20	An overexploited Italian treasure: past and present distribution and exploitation of the precious red coral <i>Corallium rubrum</i> (L., 1758) (Cnidaria: Anthozoa). <i>Italian Journal of Zoology</i> , 2016, 83, 443-455.	0.6	32
21	Reproductive aspects of the velvet belly lantern shark <i>Etmopterus spinax</i> (Condriichthyes): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf gland microstructure.. <i>Mediterranean Marine Science</i> , 2014, 15, 313.	0.6	32
22	Coral forests diversity in the outer shelf of the south Sardinian continental margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 122, 60-70.	0.6	29
23	Development of sexual organs and fecundity in <i>Octopus vulgaris</i> Cuvier, 1797 from the Sardinian waters (Mediterranean Sea). <i>Mediterranean Marine Science</i> , 2013, 14, 270.	0.6	27
24	Genetic monitoring of deep-water exploited banks of the precious Sardinia coral <i>Corallium rubrum</i> (L., 1758): useful data for a sustainable management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 236-250.	0.9	26
25	Genetic population structure and phylogeny of the common octopus <i>Octopus vulgaris</i> Cuvier, 1797 in the western Mediterranean Sea through nuclear and mitochondrial markers. <i>Hydrobiologia</i> , 2018, 807, 277-296.	1.0	26
26	Phthalates and perfluorinated alkylated substances in Atlantic bluefin tuna ( <i>Thunnus thynnus</i> ) specimens from Mediterranean Sea (Sardinia, Italy): Levels and risks for human consumption. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 661-667.	0.7	25
27	Microplastic pollution in perch ( <i>Perca fluviatilis</i> , Linnaeus 1758) from Italian south-alpine lakes. <i>Environmental Pollution</i> , 2021, 288, 117782.	3.7	25
28	Reproductive development versus estimated age and size in a wild Mediterranean population of <i>Octopus vulgaris</i> (Cephalopoda: Octopodidae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2013, 93, 843-849.	0.4	23
29	Homing and orientation of <i>Palinurus elephas</i> (Fabricius) in three no-take areas of the central-western Mediterranean: implications for marine reserve design. <i>Marine and Freshwater Research</i> , 2015, 66, 1.	0.7	21
30	Life history traits of the long-nosed skate <i>Dipturus oxyrinchus</i> . <i>Journal of Fish Biology</i> , 2017, 90, 867-888.	0.7	21
31	Diet and feeding behaviour of longnosed skate <i>Dipturus oxyrinchus</i> . <i>Journal of Fish Biology</i> , 2015, 86, 121-138.	0.7	20
32	Resource partitioning among sympatric elasmobranchs in the central-western Mediterranean continental shelf. <i>Marine Biology</i> , 2019, 166, 1.	0.7	20
33	Deep-water red coral from the island of Sardinia (north-western Mediterranean): a local example of sustainable management. <i>Marine and Freshwater Research</i> , 2013, 64, 706.	0.7	19
34	New sites expanding the Sardinian cold-water coral province extension: A new potential cold-water coral network?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 153-160.	0.9	19
35	Habitat preference of <i>Viminella flagellum</i> (Alcyonacea: Ellisellidae) in relation to bathymetric variables in southeastern Sardinian waters. <i>Continental Shelf Research</i> , 2017, 138, 41-50.	0.9	16
36	Spatial distribution and habitat characterization of marine animal forest assemblages along nine submarine canyons of Eastern Sardinia (central Mediterranean Sea). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 167, 103422.	0.6	15

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37	The MEDITS maturity scales as a useful tool for investigating the reproductive traits of key species in the Mediterranean Sea. <i>Scientia Marina</i> , 2019, 83, 235.	0.3	15
38	Diet and feeding habits of two skate species, <i>Raja brachyura</i> and <i>Raja miraletus</i> (Chondrichthyes, Rajidae) in Sardinian waters (central-western Mediterranean). <i>Italian Journal of Zoology</i> , 2010, 77, 53-60.	0.6	14
39	Exploring a deep-sea vulnerable marine ecosystem: <i>Isidella elongata</i> (Esper, 1788) species assemblages in the Western and Central Mediterranean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 166, 103406.	0.6	14
40	New insights into connectivity patterns of mesophotic red coral ( <i>Corallium rubrum</i> ) populations. <i>Hydrobiologia</i> , 2015, 759, 63-73.	1.0	13
41	Ask the shark: blackmouth catshark ( <i>Galeus melastomus</i> ) as a sentinel of plastic waste on the seabed. <i>Marine Biology</i> , 2022, 169, .	0.7	13
42	Uncommon biological patterns of a little known endemic Mediterranean skate, <i>Raja polystigma</i> (Risso,) <i>Tj ETQq0 0.0 rgBT /Overlock 10</i>	0.45	12
43	Combined COI barcode-based methods to avoid mislabelling of threatened species of deep-sea skates. <i>Animal Conservation</i> , 2022, 25, 38-52.	1.5	12
44	Eating Near the Dump: Identification of Nearby Plastic Hotspot as a Proxy for Potential Microplastic Contamination in the Norwegian Lobster ( <i>Nephrops norvegicus</i> ). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	12
45	Investigation on the genus <i>Squalus</i> in the Sardinian waters (Central-Western Mediterranean) with implications on its management. <i>Mediterranean Marine Science</i> , 0, , 256.	0.6	12
46	Mark-recapture investigation on <i>Octopus vulgaris</i> specimens in an area of the central western Mediterranean Sea. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, 95, 131-138.	0.4	11
47	Movement estimation of <i>Octopus vulgaris</i> Cuvier, 1797 from mark recapture experiment. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 470, 64-69.	0.7	11
48	Morphological descriptions of the eggcases of skates (Rajidae) from the central-western Mediterranean, with notes on their distribution. <i>Helgoland Marine Research</i> , 2017, 71, .	1.3	11
49	Colonization of plastic debris by the long-lived precious red coral <i>Corallium rubrum</i> : New insights on the "plastic benefits" paradox. <i>Marine Pollution Bulletin</i> , 2021, 165, 112104.	2.3	11
50	European spiny lobster recovery from overfishing enhanced through active restocking in Fully Protected Areas. <i>Scientific Reports</i> , 2019, 9, 13025.	1.6	10
51	Shelf-life and labels: A cheap dating tool for seafloor macro litter? Insights from MEDITS surveys in Sardinian sea. <i>Marine Pollution Bulletin</i> , 2019, 141, 430-433.	2.3	10
52	Assessing the potential of marine Natura 2000 sites to produce ecosystem-wide effects in rocky reefs: A case study from Sardinia Island (Italy). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 537-545.	0.9	10
53	Levels of Mercury and Polychlorobiphenyls in Bluefin Tuna from the Western Mediterranean Sea: A Food Safety Issue?. <i>Journal of Environmental Protection</i> , 2014, 05, 106-113.	0.3	10
54	Scattered accumulation hotspots of macro-litter on the seafloor: Insights for mitigation actions. <i>Environmental Pollution</i> , 2022, 292, 118338.	3.7	10

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55	Rivers of waste: Anthropogenic litter in intermittent Sardinian rivers, Italy (Central Mediterranean). <i>Environmental Pollution</i> , 2022, 302, 119073.	3.7	10
56	GC-ITMS analysis of PAH contamination levels in the marine sea urchin <i>Paracentrotus lividus</i> in Sardinia. <i>Marine Pollution Bulletin</i> , 2014, 82, 201-207.	2.3	9
57	Differential response to thermal stress of shallow and deep dwelling colonies of Mediterranean red coral <i>Corallium rubrum</i> (L., 1758). <i>Advances in Oceanography and Limnology</i> , 2018, 9, .	0.2	9
58	Artificial dens as a management tool for <i>Octopus vulgaris</i> : evidence from a Collaborative Fisheries Research project (central western Mediterranean Sea). <i>Ocean and Coastal Management</i> , 2018, 165, 428-433.	2.0	9
59	Preliminary data on habitat characterization relevance for red coral conservation and management. <i>Italian Journal of Geosciences</i> , 2015, 134, 60-68.	0.4	9
60	Reproduction Strategy of the Deep-sea Hermit Crabs <i>Pagurus alatus</i> and <i>Pagurus excavatus</i> of the Central-Western Mediterranean Sea. <i>Hydrobiologia</i> , 2006, 557, 51-57.	1.0	8
61	Fragment quality and sediment organic loading regulate the survival of an invasive, clonal seaweed. <i>Biological Invasions</i> , 2018, 20, 1953-1959.	1.2	8
62	Abundance, distribution and reproduction of the Data-Deficient species ( <i>Squalus blainville</i> ) around Sardinia Island (central western Mediterranean Sea) as a contribution to its conservation. <i>Marine and Freshwater Research</i> , 2021, 72, 118.	0.7	8
63	New insights into life-history traits of Mediterranean Electric rays (Torpediniformes: Torpedinidae) as a contribution to their conservation. <i>Zoology</i> , 2021, 146, 125922.	0.6	8
64	Age determination of <i>Loligo vulgaris</i> and <i>Loligo forbesii</i> using eye lens analysis. <i>Zoomorphology</i> , 2018, 137, 63-70.	0.4	7
65	Diversity of the sponge fauna associated with white coral banks from two Sardinian canyons (Mediterranean Sea). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019, 99, 1735-1751.	0.4	7
66	Living naked: first case of lack of skin-related structures in an elasmobranch, the blackmouth catshark ( <i>Galeus melastomus</i> ). <i>Journal of Fish Biology</i> , 2020, 97, 1252-1256.	0.7	7
67	Onboard Scientific Observers Provide a Realistic Picture of Harvesting and Management Priorities for the Precious Red Coral ( <i>Corallium rubrum</i> L.). <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	7
68	Growth Patterns in Long-Lived Coral Species. , 2017, , 595-626.		6
69	Insights into population genetics, connectivity and demographic history of the longnosed skate <i>Dipturus oxyrinchus</i> (Linnaeus, 1758) in the western Mediterranean Sea. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 86-103.	0.9	6
70	Influence of the Technological Process on the Biochemical Composition of Fresh Roe and Bottarga from <i>Liza ramada</i> and <i>Mugil cephalus</i> . <i>Foods</i> , 2020, 9, 1408.	1.9	6
71	Gas Chromatographic Mass Spectrometry Determination of Geosmin and 2-methylisoborneol Off-Flavor in <i>Mugil cephalus</i> Roe. <i>Food Analytical Methods</i> , 2015, 8, 1484-1489.	1.3	5
72	The demersal bathyal fish assemblage of the Central-Western Mediterranean: Depth distribution, sexual maturation and reproduction. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 166, 103394.	0.6	5

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73	Bio-Ecological Features Update on Eleven Rare Cartilaginous Fish in the Central-Western Mediterranean Sea as a Contribution for Their Conservation. <i>Life</i> , 2021, 11, 871.	1.1	5
74	Deep-Dwelling Populations of Mediterranean <i>Corallium rubrum</i> and <i>Eunicella cavolini</i> : Distribution, Demography, and Co-Occurrence. <i>Biology</i> , 2022, 11, 333.	1.3	5
75	Molecular and Biological Analysis on <i>Ommastrephes caroli</i> Findings in the Central Western Mediterranean Sea (Sardinian Waters) Including First Age Investigation Using Eye Lenses and Beaks. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
76	Growth Patterns in Long-Lived Coral Species. , 2016, , 1-32.		4
77	Spatial and temporal trend in the abundance and distribution of gurnards (Pisces: Triglididae) in the northern Mediterranean Sea. <i>Scientia Marina</i> , 2019, 83, 101.	0.3	4
78	Diversity and abundance of heterobranchs (Mollusca, Gastropoda) from the mesophotic and bathyal zone of the Mediterranean Sea. , 2022, 89, 167-189.		4
79	Small-scale distribution of metazoan meiofauna and sedimentary organic matter in subtidal sandy sediments (Mediterranean Sea). <i>Advances in Oceanography and Limnology</i> , 2019, 10, .	0.2	3
80	Particulate organic matter release below melting sea ice (Terra Nova Bay, Ross Sea, Antarctica): Possible relationships with zooplankton. <i>Journal of Marine Systems</i> , 2021, 217, 103510.	0.9	3
81	A Taxonomic Survey of Female Oviducal Glands in Chondrichthyes: A Comparative Overview of Microanatomy in the Two Reproductive Modes. <i>Animals</i> , 2021, 11, 2653.	1.0	3
82	Reproductive patterns in deep versus shallow populations of the precious Mediterranean gorgonian <i>Corallium rubrum</i> (Linnaeus, 1758) (Sardinia, central-western Mediterranean). <i>Mediterranean Marine Science</i> , 2017, 18, 64.	0.6	3
83	Environmental Status and Geomorphological Characterisation of Seven Black Coral Forests on the Sardinian Continental Shelf (NW Mediterranean Sea). <i>Biology</i> , 2022, 11, 732.	1.3	2
84	The Nursery Role of Marine Animal Forests. , 2020, , 309-331.		1
85	Assessing the Environmental Status of five Sardinian black corals forests via Mesophotic Assemblages Conservation Status Index (MACS). , 2021, , .		1
86	Investigating the Ovarian Microstructure in the Genera <i>Helicolenus</i> and <i>Scorpaena</i> (Teleostei,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 1412.	1.0	1
87	On the presence of the Endangered white skate <i>Rostroraja alba</i> in Sardinian waters. <i>Mediterranean Marine Science</i> , 0, , .	0.6	0
88	Characterizing movements of <i>Palinurus elephas</i> (Fabr. 1787) as a useful tool in Fully Protected Areas design: the case study of the Sardinian FPAs (central-western Mediterranean). , 2021, , .		0
89	<i>Corallium rubrum</i> and <i>Eunicella cavolini</i> : distribution, population structure and co-occurrence in the deep Mediterranean Sea. , 2021, , .		0