

Francesco Mastrototaro

List of Publications by Year in descending order

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77
papers

3,620
citations

172457

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79
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79
docs citations

79
times ranked

3059
citing authors

#	ARTICLE	IF	CITATIONS
1	Alien species in the Mediterranean Sea by 2010. A contribution to the application of European Union's Marine Strategy Framework Directive (MSFD). Part I. Spatial distribution. Mediterranean Marine Science, 2012, 11, 381.	1.6	392
2	Alien species in the Mediterranean Sea by 2012. A contribution to the application of European Union's Marine Strategy Framework Directive (MSFD). Part 2. Introduction trends and pathways. Mediterranean Marine Science, 2013, 13, 328.	1.6	386
3	Biodiversity of the white coral bank off Cape Santa Maria di Leuca (Mediterranean Sea): An update. Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 412-430.	1.4	186
4	Alien species along the Italian coasts: an overview. Biological Invasions, 2011, 13, 215-237.	2.4	183
5	Cryptic speciation in a model invertebrate chordate. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9364-9369.	7.1	171
6	Mediterranean Bioconstructions Along the Italian Coast. Advances in Marine Biology, 2018, 79, 61-136.	1.4	142
7	Benthic habitat characterization and distribution from two representative sites of the deep-water SML Coral Province (Mediterranean). Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 380-396.	1.4	136
8	Trophic relationships in a deep Mediterranean cold-water coral bank (Santa Maria di Leuca, Ionian) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50	1.9	121
9	First geo-marine survey of living cold-water Lophelia reefs in the Ionian Sea (Mediterranean basin). Facies, 2005, 50, 409-417.	1.4	119
10	Climate-induced changes in the suitable habitat of cold-water corals and commercially important deep-sea fishes in the North Atlantic. Global Change Biology, 2020, 26, 2181-2202.	9.5	109
11	Biodiversity of the white coral reefs in the Ionian Sea (Central Mediterranean). Chemistry and Ecology, 2004, 20, 107-116.	1.6	98
12	New deep-water cnidarian sites in the southern Adriatic Sea. Mediterranean Marine Science, 2014, 15, 263.	1.6	76
13	Hard- and soft-bottom thanatofacies from the Santa Maria di Leuca deep-water coral province, Mediterranean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 360-379.	1.4	66
14	Macro- and megafauna recorded in the submarine Bari Canyon (southern Adriatic, Mediterranean Sea) using different tools. Mediterranean Marine Science, 2015, 16, 180.	1.6	66
15	Occurrence of Paraleucilla magna (Porifera: Calcarea) in the Mediterranean Sea. Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 1749-1755.	0.8	64
16	<i>Isidella elongata</i> (Cnidaria: Alcyonacea) facies in the western Mediterranean Sea: visual surveys and descriptions of its ecological role. , 2017, 84, 209-225.		57
17	Deep Sequencing of Mixed Total DNA without Barcodes Allows Efficient Assembly of Highly Plastic Ascidian Mitochondrial Genomes. Genome Biology and Evolution, 2013, 5, 1185-1199.	2.5	56
18	Ecosystem vulnerability to alien and invasive species: a case study on marine habitats along the Italian coast. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 392-409.	2.0	55

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19	Sponge fauna associated with a Mediterranean deep-sea coral bank. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 1341-1352.	0.8	53
20	A mesophotic black coral forest in the Adriatic Sea. <i>Scientific Reports</i> , 2020, 10, 8504.	3.3	53
21	Anthropogenic impact in the Santa Maria di Leuca cold-water coral province (Mediterranean Sea): Observations and conservation traits. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 145, 87-101.	1.4	51
22	DNA adducts, benzo(a)pyrene monooxygenase activity, and lysosomal membrane stability in <i>Mytilus galloprovincialis</i> from different areas in Taranto coastal waters (Italy). <i>Environmental Research</i> , 2004, 96, 163-175.	7.5	46
23	19 Occurrence and Biogeography of Mediterranean Cold-Water Corals. <i>Coral Reefs of the World</i> , 2019, , 213-243.	0.7	46
24	The non-indigenous stolidobranch ascidian <i>Polyandrocarpa zorritensis</i> in the Mediterranean: description, larval morphology and pattern of vascular budding. <i>Zootaxa</i> , 2004, 528, 1â€“8.	0.5	43
25	Nonindigenous species along the Apulian coast, Italy. <i>Chemistry and Ecology</i> , 2010, 26, 121-142.	1.6	43
26	Ascidian Mitogenomics: Comparison of Evolutionary Rates in Closely Related Taxa Provides Evidence of Ongoing Speciation Events. <i>Genome Biology and Evolution</i> , 2014, 6, 591-605.	2.5	39
27	Hypervariability of Ascidian Mitochondrial Gene Order: Exposing the Myth of Deuterostome Organelle Genome Stability. <i>Molecular Biology and Evolution</i> , 2010, 27, 211-215.	8.9	38
28	ROV<i>vs</i>trawling approaches in the study of benthic communities: the case of<i>Pennatula rubra</i> (Cnidaria: Pennatulacea). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 1859-1869.	0.8	38
29	Withdrawal behaviour of the red sea pen <i>Pennatula rubra</i> (Cnidaria: Pennatulacea). , 2018, 85, 64-70.		32
30	Know the distribution to assess the changes: Mediterranean cold-water coral bioconstructions. <i>Rendiconti Lincei</i> , 2018, 29, 583-588.	2.2	32
31	Effects of global warming on Mediterranean coral forests. <i>Scientific Reports</i> , 2021, 11, 20703.	3.3	31
32	Exploring composition and behaviour of fish fauna by <i>in situ</i> observations in the Bari Canyon (Southern Adriatic Sea, Central Mediterranean). <i>Marine Ecology</i> , 2015, 36, 541-556.	1.1	29
33	Occurrence of <i>Musculista senhousia</i> (Mollusca: Bivalvia) in the Taranto seas (eastern-central) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 1279-1280.	0.8	26
34	Mapping of the benthic communities in the Taranto seas using side-scan sonar and an underwater video camera. <i>Chemistry and Ecology</i> , 2004, 20, 377-386.	1.6	26
35	A <sc><i>facies</i></sc> of <sc><i>Kophobelemnon</i></sc> (<sc>C</sc>nidaria,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 province (<sc>M</sc>editerranean Sea). <i>Marine Ecology</i> , 2013, 34, 313-320.	1.1	26
36	An Explorative Assessment of the Importance of Mediterranean Coralligenous Habitat to Local Economy: The Case of Recreational Diving. <i>Journal of Environmental Accounting and Management</i> , 2017, 5, 315-325.	0.5	26

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37	Spatial and seasonal distribution of ascidians in a semi-enclosed basin of the Mediterranean Sea. Journal of the Marine Biological Association of the United Kingdom, 2008, 88, 1053-1061.	0.8	25
38	The non-indigenous ascidian <i>Distaplia bermudensis</i> in the Mediterranean: comparison with the native species <i>Distaplia magnilarva</i> and <i>Distaplia lucillae</i> sp. nov.. Journal of the Marine Biological Association of the United Kingdom, 2006, 86, 181-185.	0.8	23
39	Fixation, description and DNA barcode of a neotype for <i>Botryllus schlosseri</i> (Pallas, 1766) (Tunicata, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1	0.5	23
40	Seafloor integrity of the <i>Mar Piccolo</i> Basin (Southern Italy): quantifying anthropogenic impact. Journal of Maps, 2016, 12, 1-11.	2.0	22
41	Towards Non-Invasive Methods to Assess Population Structure and Biomass in Vulnerable Sea Pen Fields. Sensors, 2019, 19, 2255.	3.8	22
42	The power of combined molecular and morphological analyses for the genus <i>Botrylloides</i>: identification of a potentially global invasive ascidian and description of a new species. Systematics and Biodiversity, 2019, 17, 509-526.	1.2	20
43	Spawning and recruitment of <i>Phycis blennoides</i> (Phycidae) from the northâ€western Ionian Sea (middleâ€eastern Mediterranean). Italian Journal of Zoology, 1998, 65, 203-209.	0.6	18
44	Benthic diversity of the soft bottoms in a semi-enclosed basin of the Mediterranean Sea. Journal of the Marine Biological Association of the United Kingdom, 2008, 88, 247-252.	0.8	18
45	First record of <i>Protoptilum carpenteri</i> (Cnidaria: Octocorallia: Pennatulacea) in the Mediterranean Sea. Italian Journal of Zoology, 2015, 82, 61-68.	0.6	18
46	Rhodolith Beds Heterogeneity along the Apulian Continental Shelf (Mediterranean Sea). Journal of Marine Science and Engineering, 2020, 8, 813.	2.6	18
47	Novel budding mode in <i>Polyandrocarpa zorritensis</i> : a model for comparative studies on asexual development and whole body regeneration. EvoDevo, 2019, 10, 7.	3.2	17
48	A population genomics insight by 2bâ€RAD reveals populations' uniqueness along the Italian coastline in <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae). Diversity and Distributions, 2019, 25, 1101-1117.	4.1	16
49	Growth and population dynamics of the nonâ€indigenous species <i>Branchiomma luctuosum</i> Grube (Annelida, Sabellidae) in the Ionian Sea (Mediterranean Sea). Marine Ecology, 2015, 36, 517-529.	1.1	14
50	Non indigenous species settle down in the Taranto Seas. Biogeographia, 2004, 25, .	0.5	13
51	<i>Botrylloides pizoni</i> , a new species of Botryllinae (Ascidacea) from the Mediterranean Sea R.. Zootaxa, 2012, 3258, 28.	0.5	13
52	Toward a resolution of the cosmopolitan <i>Botryllus schlosseri</i> species complex (Ascidacea, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 the Linnean Society, 2020, 190, 1175-1192.	2.3	13
53	An elongated COI fragment to discriminate botryllid species and as an improved ascidian DNA barcode. Scientific Reports, 2021, 11, 4078.	3.3	13
54	Immunohistochemical analysis of adhesive papillae of <i>Clavelina lepadiformis</i> (MÃ¼ller, 1776) and <i>Clavelina phlegraea</i> (Salfi, 1929) (Tunicata, Ascidacea). European Journal of Histochemistry, 2009, 53, 4.	1.5	12

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55	Distribution and bio-ecological features of <i>Posidonia oceanica</i> meadows along the coasts of the southern Adriatic and northern Ionian Seas. <i>Chemistry and Ecology</i> , 2010, 26, 91-104.	1.6	11
56	Distribution and swimming ability of the deep-sea holothuroid <i>Penilpidia ludwigi</i> (Holothuroidea). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7</i>	1.0	11
57	Mesophotic and Deep-Sea Vulnerable Coral Habitats of the Mediterranean Sea: Overview and Conservation Perspectives. , 2020, , .		11
58	The rediscovery of <i>Rosalinda incrustans</i> (Cnidaria: Hydrozoa) in the Mediterranean Sea. <i>Italian Journal of Zoology</i> , 2016, 83, 244-247.	0.6	10
59	An integrative taxonomic framework for the study of the genus <i>Ciona</i> (Ascidiacea) and description of a new species, <i>Ciona intermedia</i> . <i>Zoological Journal of the Linnean Society</i> , 2020, , .	2.3	10
60	Benthic invertebrates associated with subfossil cold-water coral frames and hardgrounds in the Albanian deep waters (Adriatic Sea). <i>Turkish Journal of Zoology</i> , 2018, 42, 360-371.	0.9	9
61	New record of the non-indigenous species <i>Microcosmus squamiger</i> (Ascidiacea: Stolidobranchia) in the harbour of Salerno (Tyrrhenian Sea, Italy). <i>Marine Biodiversity Records</i> , 2008, 1, .	1.2	8
62	Finding of the macrophagous deep-sea ascidian <i>Dicopia antirrhinum</i> Monniot, 1972 (Chordata: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 40		8
63	Mesophotic rocks dominated by <i>Diazona violacea</i> : a Mediterranean codified habitat. , 2020, 87, 688-695.		7
64	Bioecological Study of the Benthic Communities on the Soft Bottom of the Vlora Gulf (Albania). <i>Journal of Coastal Research</i> , 2011, 270, 95-105.	0.3	6
65	The Status of <i>Posidonia oceanica</i> at Tremiti Islands Marine Protected Area (Adriatic Sea). <i>Biology</i> , 2022, 11, 923.	2.8	6
66	Project "Biodiversity MARE Tricase" biodiversity research, monitoring and promotion at MARE Outpost (Apulia, Italy). <i>Rendiconti Lincei</i> , 2018, 29, 599-604.	2.2	5
67	A Newly Discovered Forest of the Whip Coral <i>Viminella flagellum</i> (Anthozoa, Alcyonacea) in the Mediterranean Sea: A Non-Invasive Method to Assess Its Population Structure. <i>Biology</i> , 2022, 11, 39.	2.8	5
68	Spread of the non-indigenous ascidian <i>Aplidium accarense</i> (Millar, 1953) in the Eastern Mediterranean Sea: morphological and molecular tools for an accurate identification. <i>Mediterranean Marine Science</i> , 0, , .	1.6	4
69	Monitoring the seagrass <i>Posidonia oceanica</i> to understand the effects of local disturbances in a marine protected area. , 2021, , .		4
70	Integrated Environmental Accounting for assessing the Value for Money in Marine Protected Areas: the case of Tremiti Islands (Italy). <i>Journal of Environmental Accounting and Management</i> , 2022, 10, 253-267.	0.5	4
71	New data on <i>Aplidium tabarquense</i> (Tunicata: Ascidiacea) distribution in the Adriatic Sea. <i>Turkish Journal of Zoology</i> , 2018, 42, 146-151.	0.9	2
72	The clubbed tunicate <i>Styela clava</i> has arrived in the Lagoon of Venice. , 2022, 89, 502-509.		2

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73	Polyclinum constellatum (Tunicata, Ascidiacea), an emerging non-indigenous species of the Mediterranean Sea: integrated taxonomy and the importance of reliable DNA barcode data. Mediterranean Marine Science, 0, , .	1.6	2
74	Finding Aquaporins in Annelids: An Evolutionary Analysis and a Case Study. Cells, 2021, 10, 3562.	4.1	2
75	Ascidian Mitogenomics: Comparison of Evolutionary Rates in Closely Related Taxa Provides Evidence of Ongoing Speciation Events. Genome Biology and Evolution, 2014, 6, 931-931.	2.5	1
76	Functional characterization of the oxidative capacity of mitochondria and glycolytic assessment in benthic aquatic organisms. Journal of Bioenergetics and Biomembranes, 2016, 48, 249-257.	2.3	1
77	Biometry supporting species identification from underwater images in two Mediterranean Sea urchins. , 2021, , .		1