

Francesco Mastrototaro

List of Publications by Year in descending order

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77
papers

3,620
citations

172457

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144013

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all docs

79
docs citations

79
times ranked

3059
citing authors

#	ARTICLE	IF	CITATIONS
1	The clubbed tunicate <i>Styela clava</i> has arrived in the Lagoon of Venice. , 2022, 89, 502-509.		2
2	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
3	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
4	The Status of <i>Posidonia oceanica</i> at Tremiti Islands Marine Protected Area (Adriatic Sea). <i>Biology</i> , 2022, 11, 923.	2.8	6
5	An elongated COI fragment to discriminate botryllid species and as an improved ascidian DNA barcode. <i>Scientific Reports</i> , 2021, 11, 4078.	3.3	13
6	Effects of global warming on Mediterranean coral forests. <i>Scientific Reports</i> , 2021, 11, 20703.	3.3	31
7	Monitoring the seagrass <i>Posidonia oceanica</i> to understand the effects of local disturbances in a marine protected area. , 2021, , .		4
8	Biometry supporting species identification from underwater images in two Mediterranean Sea urchins. , 2021, , .		1
9	Finding Aquaporins in Annelids: An Evolutionary Analysis and a Case Study. <i>Cells</i> , 2021, 10, 3562.	4.1	2
10	Mesophotic rocks dominated by <i>Diazona violacea</i> : a Mediterranean codified habitat. , 2020, 87, 688-695.		7
11	Mesophotic and Deep-Sea Vulnerable Coral Habitats of the Mediterranean Sea: Overview and Conservation Perspectives. , 2020, , .		11
12	Rhodolith Beds Heterogeneity along the Apulian Continental Shelf (Mediterranean Sea). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 813.	2.6	18
13	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
14	A mesophotic black coral forest in the Adriatic Sea. <i>Scientific Reports</i> , 2020, 10, 8504.	3.3	53
15	Climate-induced changes in the suitable habitat of cold-water corals and commercially important deep-sea fishes in the North Atlantic. <i>Global Change Biology</i> , 2020, 26, 2181-2202.	9.5	109
16	Toward a resolution of the cosmopolitan <i>Botryllus schlosseri</i> species complex (Ascidiacea). <i>Journal of the Linnean Society</i> , 2020, 190, 1175-1192.	2.3	13
17	A population genomics insight by 2bRAD reveals populations' uniqueness along the Italian coastline in <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae). <i>Diversity and Distributions</i> , 2019, 25, 1101-1117.	4.1	16
18	19 Occurrence and Biogeography of Mediterranean Cold-Water Corals. <i>Coral Reefs of the World</i> , 2019, , 213-243.	0.7	46

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19	Distribution and swimming ability of the deep-sea holothuroid <i>Penilpidia ludwigi</i> (Holothuroidea: Tj ETQq1 1 0.784314 rgBT /Overlock 11	1.0	11
20	Finding of the macrophagous deep-sea ascidian <i>Dicopia antirrhinum</i> Monniot, 1972 (Chordata: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.0	50
21	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. <i>Systematics and Biodiversity</i> , 2019, 17, 509-526.	1.2	20
22	Towards Non-Invasive Methods to Assess Population Structure and Biomass in Vulnerable Sea Pen Fields. <i>Sensors</i> , 2019, 19, 2255.	3.8	22
23	Novel budding mode in <i>Polyandrocarpa zorritensis</i> : a model for comparative studies on asexual development and whole body regeneration. <i>EvoDevo</i> , 2019, 10, 7.	3.2	17
24	Withdrawal behaviour of the red sea pen <i>Pennatula rubra</i> (Cnidaria: Pennatulacea). , 2018, 85, 64-70.		32
25	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
26	ROV vs 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
27	Know the distribution to assess the changes: Mediterranean cold-water coral bioconstructions. <i>Rendiconti Lincei</i> , 2018, 29, 583-588.	2.2	32
28	Mediterranean Bioconstructions Along the Italian Coast. <i>Advances in Marine Biology</i> , 2018, 79, 61-136.	1.4	142
29	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
30	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
31	Anthropogenic impact in the Santa Maria di Leuca cold-water coral province (Mediterranean Sea): Observations and conservation straits. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 145, 87-101.	1.4	51
32	<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
33	Fixation, description and DNA barcode of a neotype for <i>Botryllus schlosseri</i> (Pallas, 1766) (Tunicata,) Tj ETQq1 1 0.784314 rgBT /Overlock 23	0.5	23
34	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
35	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
36	Functional characterization of the oxidative capacity of mitochondria and glycolytic assessment in benthic aquatic organisms. <i>Journal of Bioenergetics and Biomembranes</i> , 2016, 48, 249-257.	2.3	1

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37	Ecosystem vulnerability to alien and invasive species: a case study on marine habitats along the Italian coast. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 392-409.	2.0	55
38	Seafloor integrity of the <i>Mar Piccolo</i> Basin (Southern Italy): quantifying anthropogenic impact. <i>Journal of Maps</i> , 2016, 12, 1-11.	2.0	22
39	First record of <i>Protoptilum carpenteri</i> (Cnidaria: Octocorallia: Pennatulacea) in the Mediterranean Sea. <i>Italian Journal of Zoology</i> , 2015, 82, 61-68.	0.6	18
40	Growth and population dynamics of the non- <i>€ndigenous species <i>Branchiomma luctuosum</i> Grube (Annelida, Sabellidae) in the Ionian Sea (Mediterranean Sea). <i>Marine Ecology</i>, 2015, 36, 517-529.</i>	1.1	14
41	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
42	Macro- and megafauna recorded in the submarine Bari Canyon (southern Adriatic, Mediterranean Sea) using different tools. <i>Mediterranean Marine Science</i> , 2015, 16, 180.	1.6	66
43	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
44	Ascidian Mitogenomics: Comparison of Evolutionary Rates in Closely Related Taxa Provides Evidence of Ongoing Speciation Events. <i>Genome Biology and Evolution</i> , 2014, 6, 931-931.	2.5	1
45	New deep-water cnidarian sites in the southern Adriatic Sea. <i>Mediterranean Marine Science</i> , 2014, 15, 263.	1.6	76
46	A <sc><i>facies</i></sc> of <sc><i>Kophobelemnon</i></sc> (<sc>C</sc>nidaria,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 To province (<sc>M</sc>editerranean Sea). <i>Marine Ecology</i> , 2013, 34, 313-320.	1.1	26
47	Deep Sequencing of Mixed Total DNA without Barcodes Allows Efficient Assembly of Highly Plastic Ascidian Mitochondrial Genomes. <i>Genome Biology and Evolution</i> , 2013, 5, 1185-1199.	2.5	56
48	Alien species in the Mediterranean Sea by 2012. A contribution to the application of European Unionâ€™s Marine Strategy Framework Directive (MSFD). Part 2. Introduction trends and pathways. <i>Mediterranean Marine Science</i> , 2013, 13, 328.	1.6	386
49	<i>Botrylloides pizoni</i> , a new species of Botryllinae (Asciacea) from the Mediterranean Sea R.. <i>Zootaxa</i> , 2012, 3258, 28.	0.5	13
50	Alien species in the Mediterranean Sea by 2010. A contribution to the application of European Unionâ€™s Marine Strategy Framework Directive (MSFD). Part I. Spatial distribution. <i>Mediterranean Marine Science</i> , 2012, 11, 381.	1.6	392
51	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
52	Alien species along the Italian coasts: an overview. <i>Biological Invasions</i> , 2011, 13, 215-237.	2.4	183
53	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
54	Biodiversity of the white coral bank off Cape Santa Maria di Leuca (Mediterranean Sea): An update. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 412-430.	1.4	186

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55	Benthic habitat characterization and distribution from two representative sites of the deep-water SML Coral Province (Mediterranean). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 380-396.	1.4	136
56	Hard- and soft-bottom thanatofacies from the Santa Maria di Leuca deep-water coral province, Mediterranean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 360-379.	1.4	66
57	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
58	Nonindigenous species along the Apulian coast, Italy. <i>Chemistry and Ecology</i> , 2010, 26, 121-142.	1.6	43
59	Immunohistochemical analysis of adhesive papillae of <i>Clavelina lepadiformis</i> (Müller, 1776) and <i>Clavelina phlegraea</i> (Salfi, 1929) (Tunicata, Ascidiacea). <i>European Journal of Histochemistry</i> , 2009, 53, 4.	1.5	12
60	Trophic relationships in a deep Mediterranean cold-water coral bank (Santa Maria di Leuca, Ionian) <i>Journal of Marine Research</i> , 2010, 68, 101-121.	1.9	121
61	Benthic diversity of the soft bottoms in a semi-enclosed basin of the Mediterranean Sea. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 247-252.	0.8	18
62	Spatial and seasonal distribution of ascidians in a semi-enclosed basin of the Mediterranean Sea. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 1053-1061.	0.8	25
63	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
64	Cryptic speciation in a model invertebrate chordate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9364-9369.	7.1	171
65	Occurrence of <i>Paraleucilla magna</i> (Porifera: Calcarea) in the Mediterranean Sea. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1749-1755.	0.8	64
66	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.. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2006, 86, 181-185.	0.8	23
67	First geo-marine survey of living cold-water <i>Lophelia</i> reefs in the Ionian Sea (Mediterranean basin). <i>Facies</i> , 2005, 50, 409-417.	1.4	119
68	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
69	Non indigenous species settle down in the Taranto Seas. <i>Biogeographia</i> , 2004, 25, .	0.5	13
70	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
71	Biodiversity of the white coral reefs in the Ionian Sea (Central Mediterranean). <i>Chemistry and Ecology</i> , 2004, 20, 107-116.	1.6	98
72	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

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73	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
74	Occurrence of <i>Musculista senhousia</i> (Mollusca: Bivalvia) in the Taranto seas (eastern-central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 1279-1280.	0.8	26
75	Spawning and recruitment of <i>Phycis blennoides</i> (Phycidae) from the northâ€western Ionian Sea (middleâ€eastern Mediterranean). <i>Italian Journal of Zoology</i> , 1998, 65, 203-209.	0.6	18
76	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
77	<i>Polyclinum constellatum</i> (Tunicata, Ascidiacea), an emerging non-indigenous species of the Mediterranean Sea: integrated taxonomy and the importance of reliable DNA barcode data. <i>Mediterranean Marine Science</i> , 0, , .	1.6	2