

# Emanuela Fanelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4961354/publications.pdf>

Version: 2024-02-01

93  
papers

2,977  
citations

126907

33  
h-index

197818

49  
g-index

96  
all docs

96  
docs citations

96  
times ranked

2928  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal trophic ecology of the invasive crab <i>Percnon gibbesi</i> (Brachyura, Plagusidae) in the southwestern mediterranean: Insights from stomach contents and stable isotope analyses. <i>Marine Environmental Research</i> , 2022, 173, 105513.	2.5	5
2	Effects of Local Acidification on Benthic Communities at Shallow Hydrothermal Vents of the Aeolian Islands (Southern Tyrrhenian, Mediterranean Sea). <i>Biology</i> , 2022, 11, 321.	2.8	5
3	Spatial changes in community composition and food web structure of mesozooplankton across the Adriatic basin (Mediterranean Sea). <i>Biogeosciences</i> , 2022, 19, 1833-1851.	3.3	2
4	Megafaunal assemblages in deep-sea ecosystems of the Gulf of Cadiz, northeast Atlantic ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 183, 103738.	1.4	5
5	Impact of hypersaline brines on benthic meio- and macrofaunal assemblages: A comparison from two desalination plants of the Mediterranean Sea. <i>Desalination</i> , 2022, 532, 115756.	8.2	5
6	Reply to: Ecological variables for deep-ocean monitoring must include microbiota and meiofauna for effective conservation. <i>Nature Ecology and Evolution</i> , 2021, 5, 30-31.	7.8	5
7	Identifying Priorities for the Protection of Deep Mediterranean Sea Ecosystems Through an Integrated Approach. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	15
8	Towards a marine strategy for the deep Mediterranean Sea: Analysis of current ecological status. <i>Marine Policy</i> , 2020, 112, 103781.	3.2	46
9	Carbon and nitrogen isotopes to distinguish sources of sedimentary organic matter in a Caribbean estuary. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 654-672.	1.0	4
10	Multiparametric monitoring of fish activity rhythms in an Atlantic coastal cabled observatory. <i>Journal of Marine Systems</i> , 2020, 212, 103424.	2.1	12
11	Global Deep-Sea Biodiversity Research Trends Highlighted by Science Mapping Approach. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	29
12	Ecological video monitoring of Marine Protected Areas by underwater cabled surveillance cameras. <i>Marine Policy</i> , 2020, 119, 104052.	3.2	16
13	Towards Naples Ecological REsearch for Augmented Observatories (NEREA): The NEREA-Fix Module, a Stand-Alone Platform for Long-Term Deep-Sea Ecosystem Monitoring. <i>Sensors</i> , 2020, 20, 2911.	3.8	11
14	Deep-sea litter in the Gulf of Cadiz (Northeastern Atlantic, Spain). <i>Marine Pollution Bulletin</i> , 2020, 153, 110969.	5.0	18
15	Ecological variables for developing a global deep-ocean monitoring and conservation strategy. <i>Nature Ecology and Evolution</i> , 2020, 4, 181-192.	7.8	142
16	Video Image Enhancement and Machine Learning Pipeline for Underwater Animal Detection and Classification at Cabled Observatories. <i>Sensors</i> , 2020, 20, 726.	3.8	40
17	Exo-Ocean Exploration with Deep-Sea Sensor and Platform Technologies. <i>Astrobiology</i> , 2020, 20, 897-915.	3.0	15
18	Marine Biology. Biodiversity and Functioning of Marine Ecosystems: Scientific Advancements and New Perspectives for Preserving Marine Life. , 2020, , 447-462.		1

#	ARTICLE	IF	CITATIONS
19	Towards an Ecosystem-Based Marine Spatial Planning in the deep Mediterranean Sea. <i>Science of the Total Environment</i> , 2020, 715, 136884.	8.0	42
20	Climate change, biological invasions, and the shifting distribution of Mediterranean fishes: A large-scale survey based on local ecological knowledge. <i>Global Change Biology</i> , 2019, 25, 2779-2792.	9.5	100
21	New High-Tech Flexible Networks for the Monitoring of Deep-Sea Ecosystems. <i>Environmental Science &amp; Technology</i> , 2019, 53, 6616-6631.	10.0	93
22	Food web structure and trophodynamics of deep-sea plankton from the Bari Canyon and adjacent slope (Southern Adriatic, central Mediterranean Sea). <i>Progress in Oceanography</i> , 2019, 175, 92-104.	3.2	9
23	Annual rhythms of temporal niche partitioning in the Sparidae family are correlated to different environmental variables. <i>Scientific Reports</i> , 2019, 9, 1708.	3.3	32
24	Detecting the occurrence of indigenous and non-indigenous megafauna through fishermen knowledge: A complementary tool to coastal and port surveys. <i>Marine Pollution Bulletin</i> , 2019, 147, 229-236.	5.0	21
25	Mesoscale variability in the trophic ecology of the European hake <i>Merluccius merluccius</i> in the Strait of Sicily. <i>Hydrobiologia</i> , 2018, 821, 57-72.	2.0	13
26	Trophic relationships between anchovy ( <i>Engraulis encrasicolus</i> ) and zooplankton in the Strait of Sicily (Central Mediterranean sea): a stable isotope approach. <i>Hydrobiologia</i> , 2018, 821, 41-56.	2.0	10
27	Parameters identification for scroll expander semi-empirical model by using genetic algorithm. <i>Energy Procedia</i> , 2018, 148, 736-743.	1.8	1
28	Heat exchanger design and optimization by using genetic algorithm for externally fired micro-turbine. <i>Energy Procedia</i> , 2018, 148, 720-727.	1.8	1
29	Tracking Fish Abundance by Underwater Image Recognition. <i>Scientific Reports</i> , 2018, 8, 13748.	3.3	106
30	Deep-sea mobile megafauna of Mediterranean submarine canyons and open slopes: Analysis of spatial and bathymetric gradients. <i>Progress in Oceanography</i> , 2018, 168, 23-34.	3.2	16
31	Automated estimate of fish abundance through the autonomous imaging device GUARD1. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 126, 72-75.	5.0	30
32	Fish mitigate trophic depletion in marine cave ecosystems. <i>Scientific Reports</i> , 2018, 8, 9193.	3.3	15
33	Faunal activity rhythms influencing early community succession of an implanted whale carcass offshore Sagami Bay, Japan. <i>Scientific Reports</i> , 2018, 8, 11163.	3.3	26
34	Linking spatial distribution and feeding behavior of Atlantic horse mackerel ( <i>Trachurus trachurus</i> ) in the Strait of Sicily (Central Mediterranean Sea). <i>Journal of Sea Research</i> , 2017, 121, 47-58.	1.6	22
35	An ecosystem-based deep-ocean strategy. <i>Science</i> , 2017, 355, 452-454.	12.6	135
36	Cold-water coral <i>Madrepora oculata</i> in the eastern Ligurian Sea (NW Mediterranean): Historical and recent findings. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 965-975.	2.0	48

#	ARTICLE	IF	CITATIONS
37	Abundance patterns at the invasion front: the case of <i>Siganus luridus</i> in Linosa (Strait of Sicily). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	1.3	17
38	Tracing organic matter sources in a tropical lagoon of the Caribbean Sea. <i>Continental Shelf Research</i> , 2017, 148, 53-63.	1.8	12
39	Inertial bioluminescence rhythms at the Capo Passero (KM3NeT-Italia) site, Central Mediterranean Sea. <i>Scientific Reports</i> , 2017, 7, 44938.	3.3	12
40	A multi-tissue approach to assess the effects of lipid extraction on the isotopic composition of deep-sea fauna. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 497, 230-242.	1.5	6
41	<i>Percnon gibbesi</i> (H. Milne Edwards, 1853) and <i>Callinectes sapidus</i> (Rathbun, 1896) in the Ligurian Sea: two additional invasive species detections made in collaboration with local fishermen. <i>BiolInvasions Records</i> , 2017, 6, 147-151.	1.1	17
42	Spatial variability of soft-bottom macrobenthic communities in northern Sicily (Western). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (</i> 113-125.	2.5	16
43	Long-term decline in the trophic level of megafauna in the deep Mediterranean Sea: a stable isotopes approach. <i>Climate Research</i> , 2016, 67, 191-207.	1.1	9
44	Spatial variations in feeding habits and trophic levels of two small pelagic fish species in the central Mediterranean Sea. <i>Marine Environmental Research</i> , 2016, 115, 65-77.	2.5	50
45	Investigating the mediterranean by seafloor observations: The eastern branch of the EMSO Ligurian Sea node. , 2015, , .		1
46	Seasonal variations in the source of sea bottom organic matter off Catalonia coasts (western). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387</i> 325-343.	1.7	16
47	Changes in deep-sea fish and crustacean communities at 1000â€“2200m in the Western Mediterranean after 25years: Relation to hydro-climatic conditions. <i>Journal of Marine Systems</i> , 2015, 143, 138-153.	2.1	20
48	Depicting the novel Eastern Mediterranean food web: a stable isotopes study following Lessepsian fish invasion. <i>Biological Invasions</i> , 2015, 17, 2163-2178.	2.4	34
49	Biological condition and trophic ecology of the deep-water shrimp <i>Aristaeomorpha foliacea</i> in the Levantine Sea (SW Turkey). <i>Mediterranean Marine Science</i> , 2015, 16, 103.	1.6	3
50	Temporal variations of zooplankton biomass in the Ligurian Sea inferred from long time series of ADCP data. <i>Ocean Science</i> , 2014, 10, 93-105.	3.4	24
51	Automated Video Imaging System for Counting Deep-Sea Bioluminescence Organisms Events. , 2014, , .		9
52	Trophic ecology of <i>Lampanyctus crocodilus</i> on northâ€“west Mediterranean Sea slopes in relation to reproductive cycle and environmental variables. <i>Journal of Fish Biology</i> , 2014, 84, 1654-1688.	1.6	27
53	Spatial variability in the trophic ecology and biology of the deep-sea shrimp <i>Aristaeomorpha foliacea</i> in the Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 87, 1-13.	1.4	14
54	The role of food availability in regulating the feeding dynamics and reproductive cycles of bathyal benthopelagic fish in the northwest Mediterranean slope. <i>Limnology and Oceanography</i> , 2014, 59, 1779-1794.	3.1	18

#	ARTICLE	IF	CITATIONS
55	Deep-sea macroplankton distribution (at 400 to 2300m) in the northwestern Mediterranean in relation to environmental factors. <i>Journal of Marine Systems</i> , 2013, 113-114, 75-87.	2.1	52
56	The rocky-reef fish assemblages of Malta and Lampedusa islands (Strait of Sicily, Mediterranean Sea): a visual census study in a changing biogeographical sector. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2013, 93, 2015-2026.	0.8	11
57	Trophic webs of deep-sea megafauna on mainland and insular slopes of the NW Mediterranean: a comparison by stable isotope analysis. <i>Marine Ecology - Progress Series</i> , 2013, 490, 199-221.	1.9	55
58	Environmental drivers of megafaunal assemblage composition and biomass distribution over mainland and insular slopes of the Balearic Basin (Western Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 78, 79-94.	1.4	49
59	Food web structure and seasonality of slope megafauna in the NW Mediterranean elucidated by stable isotopes: Relationship with available food sources. <i>Journal of Sea Research</i> , 2013, 77, 53-69.	1.6	66
60	Effect of environmental variations on sharks and other top predators in the deep Mediterranean Sea over the last 60 years. <i>Climate Research</i> , 2013, 55, 239-251.	1.1	19
61	Small-scale differences in the distribution and population dynamics of pandalid shrimps in the western Mediterranean in relation to environmental factors. <i>Fisheries Research</i> , 2012, 119-120, 33-47.	1.7	11
62	Biomass gasification and in-bed contaminants removal: Performance of iron enriched Olivine and bauxite in a process of steam/O <sub>2</sub> gasification. <i>Bioresource Technology</i> , 2012, 118, 187-194.	9.6	42
63	Influence of environmental variables on the spatio-temporal dynamics of benthic-pelagic assemblages in the middle slope of the Balearic Basin (NW Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 61, 84-99.	1.4	51
64	Assemblage structure and trophic ecology of deep-sea demersal cephalopods in the Balearic basin (NW) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i>	1.3	15
65	Food web structure of the epibenthic and infaunal invertebrates on the Catalan slope (NW) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 5 Papers</i> , 2011, 58, 98-109.	1.4	74
66	A temporal analysis on the dynamics of deep-sea macrofauna: Influence of environmental variability off Catalonia coasts (western Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 323-337.	1.4	43
67	Deep-sea suprabenthos assemblages (Crustacea) off the Balearic Islands (western Mediterranean): Mesoscale variability in diversity and production. <i>Journal of Sea Research</i> , 2011, 65, 340-354.	1.6	33
68	Food partitioning and diet temporal variation in two coexisting sparids, <i>Pagellus erythrinus</i> and <i>Pagellus acarne</i> . <i>Journal of Fish Biology</i> , 2011, 78, 869-900.	1.6	18
69	Food web structure of deep-sea macrozooplankton and micronekton off the Catalan slope: Insight from stable isotopes. <i>Journal of Marine Systems</i> , 2011, 87, 79-89.	2.1	80
70	Nile damming as plausible cause of extinction and drop in abundance of deep-sea shrimp in the western Mediterranean over broad spatial scales. <i>Progress in Oceanography</i> , 2011, 91, 286-294.	3.2	22
71	Meso-scale variability of coastal suprabenthic communities in the southern Tyrrhenian Sea (western) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 5</i>	2.1	18
72	Assessing the effects of a trawling ban on diet and trophic level of hake, <i>Merluccius merluccius</i> , in the southern Tyrrhenian Sea. <i>Scientia Marina</i> , 2011, .	0.6	12

#	ARTICLE	IF	CITATIONS
73	Effects of preservation on the $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ values of deep sea macrofauna. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 395, 93-97.	1.5	31
74	Trophodynamic effects of trawling on the feeding ecology of pandora, <i>Pagellus erythrinus</i> , off the northern Sicily coast (Mediterranean Sea). <i>Marine and Freshwater Research</i> , 2010, 61, 408.	1.3	23
75	Temporal variations in the feeding habits and trophic levels of three deep-sea demersal fishes from the western Mediterranean Sea, based on stomach contents and stable isotope analyses. <i>Marine Ecology - Progress Series</i> , 2010, 402, 213-232.	1.9	46
76	Sewage pollution impact on Mediterranean rocky-reef fish assemblages. <i>Marine Environmental Research</i> , 2010, 69, 390-397.	2.5	38
77	Distribution and diversity of open-ocean, near-bottom macroplankton in the western Mediterranean: Analysis at different spatio-temporal scales. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 1485-1498.	1.4	30
78	Trophic relationships at intrannual spatial and temporal scales of macro and megafauna around a submarine canyon off the Catalanian coast (western Mediterranean). <i>Journal of Sea Research</i> , 2010, 63, 180-190.	1.6	34
79	Long-term changes in the composition and diversity of deep-slope megabenthos and trophic webs off Catalonia (western Mediterranean): Are trends related to climatic oscillations?. <i>Progress in Oceanography</i> , 2009, 82, 32-46.	3.2	57
80	Feeding habits of blackmouth catshark <i>Galeus melastomus</i> Rafinesque, 1810 and velvet belly lantern shark <i>Etmopterus spinax</i> (Linnaeus, 1758) in the western Mediterranean. <i>Journal of Applied Ichthyology</i> , 2009, 25, 83-93.	0.7	48
81	Food-web structure and trophodynamics of mesopelagic-suprabenthic bathyal macrofauna of the Algerian Basin based on stable isotopes of carbon and nitrogen. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 1504-1520.	1.4	76
82	Trophodynamics of suprabenthic fauna on coastal muddy bottoms of the southern Tyrrhenian Sea (western Mediterranean). <i>Journal of Sea Research</i> , 2009, 61, 174-187.	1.6	37
83	The distribution of megabenthic, invertebrate epifauna in the Balearic Basin (western Mediterranean) between 400 and 2300m: Environmental gradients influencing assemblages composition and biomass trends. <i>Journal of Sea Research</i> , 2009, 61, 244-257.	1.6	70
84	Diet and trophic level of scaldfish <i>Arnoglossus laterna</i> in the southern Tyrrhenian Sea (western Mediterranean): contrasting trawled versus untrawled areas. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2009, 89, 817-828.	0.8	29
85	Dynamics of suprabenthos-zooplankton communities around the Balearic Islands (western) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T antennatus</i> . <i>Journal of Marine Systems</i> , 2008, 71, 316-335.	2.1	77
86	Isotopic composition of carbon and nitrogen of suprabenthic fauna in the NW Balearic Islands (western Mediterranean). <i>Journal of Marine Systems</i> , 2008, 71, 336-345.	2.1	42
87	Spatio-temporal changes in gut contents and stable isotopes in two deep Mediterranean pandalids: influence on the reproductive cycle. <i>Marine Ecology - Progress Series</i> , 2008, 355, 219-233.	1.9	45
88	Resource partitioning among early colonizing <i>Siganus luridus</i> and native herbivorous fish in the Mediterranean: an integrated study based on gut-content analysis and stable isotope signatures. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 991-998.	0.8	58
89	Decapod crustacean assemblages off the West coast of central Italy (western Mediterranean). <i>Scientia Marina</i> , 2007, 71, 19-28.	0.6	43
90	Monitoring the Prestige oil spill impacts on some key species of the Northern Iberian shelf. <i>Marine Pollution Bulletin</i> , 2006, 53, 332-349.	5.0	62

#	ARTICLE	IF	CITATIONS
91	Decapod crustaceans of Tyrrhenian Sea soft bottoms (central Mediterranean). <i>Crustaceana</i> , 2005, 78, 641-651.	0.3	3
92	Feeding habits of pandalid shrimps in the Alboran Sea (SW Mediterranean): influence of biological and environmental factors. <i>Marine Ecology - Progress Series</i> , 2004, 280, 227-238.	1.9	50
93	ClimateFish: A Collaborative Database to Track the Abundance of Selected Coastal Fish Species as Candidate Indicators of Climate Change in the Mediterranean Sea. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	2