Tommaso Russo

List of Publications by Year
in descending order

64 papers	1,954 citations	236612 25 h-index	288905 40 g-index
68 all docs	68 docs citations	68 times ranked	2054 citing authors

#	Article	IF	Citations
1	Scattered accumulation hotspots of macro-litter on the seafloor: Insights for mitigation actions. Environmental Pollution, 2022, 292, 118338.	3.7	10
2	Disentangling beach litter pollution patterns to provide better guidelines for decision-making in coastal management. Marine Pollution Bulletin, 2022, 174, 113310.	2.3	4
3	Little samplers, big fleet: eDNA metabarcoding from commercial trawlers enhances ocean monitoring. Fisheries Research, 2022, 249, 106259.	0.9	23
4	Defend as You Can, React Quickly: The Effects of the COVID-19 Shock on a Large Fishery of the Mediterranean Sea. Frontiers in Marine Science, 2022, 9, .	1.2	4
5	Evaluation of the Economic Performance of Coastal Trawling off the Southern Coast of Sicily (Central Mediterranean Sea). Sustainability, 2022, 14, 4743.	1.6	6
6	Ask the shark: blackmouth catshark (Galeus melastomus) as a sentinel of plastic waste on the seabed. Marine Biology, 2022, 169, .	0.7	13
7	All is fish that comes to the net: metabarcoding for rapid fisheries catch assessment. Ecological Applications, 2021, 31, e02273.	1.8	28
8	Identifying Persistent Hot Spot Areas of Undersized Fish and Crustaceans in Southern European Waters: Implication for Fishery Management Under the Discard Ban Regulation. Frontiers in Marine Science, 2021, 8, .	1.2	15
9	Eating Near the Dump: Identification of Nearby Plastic Hotspot as a Proxy for Potential Microplastic Contamination in the Norwegian Lobster (Nephrops norvegicus). Frontiers in Marine Science, 2021, 8, .	1.2	12
10	Copernicus Marine Service Ocean State Report, Issue 5. Journal of Operational Oceanography, 2021, 14, 1-185.	0.6	39
11	The Mediterranean fishery management: A call for shifting the current paradigm from duplication to synergy. Marine Policy, 2021, 131, 104612.	1.5	4
12	Evidence of large increases in sedimentation rates due to fish trawling in submarine canyons of the Gulf of Palermo (SW Mediterranean). Marine Pollution Bulletin, 2021, 172, 112861.	2.3	9
13	Ecological implications beyond the ecotoxicity of plastic debris on marine phytoplankton assemblage structure and functioning. Environmental Pollution, 2021, 290, 118101.	3.7	18
14	Skeletal Anomalies in Senegalese Sole (Solea senegalensis, Kaup) Fed with Different Commercial Enriched Artemia: A Study in Postlarvae and Juveniles. Animals, 2021, 11, 22.	1.0	6
15	Defining a procedure for integrating multiple oceanographic variables in ensemble models of marine species distribution. , 2021, , .		1
16	The MINOUWApp: a web-based tool in support of by-catch and discards management. Environmental Monitoring and Assessment, 2020, 192, 754.	1.3	3
17	<scp>smart</scp>R: An <scp>r</scp> package for spatial modelling of fisheries and scenario simulation of management strategies. Methods in Ecology and Evolution, 2020, 11, 859-868.	2.2	10
18	Strategies and trends of bottom trawl fisheries in the Mediterranean Sea. Marine Policy, 2020, 118, 104016.	1.5	7

#	Article	IF	Citations
19	Structure and environmental drivers of phytoplanktonic resting stage assemblages in the central Mediterranean Sea. Marine Ecology - Progress Series, 2020, 639, 73-89.	0.9	5
20	Predicting Fishing Footprint of Trawlers From Environmental and Fleet Data: An Application of Artificial Neural Networks. Frontiers in Marine Science, 2019, 6, .	1.2	6
21	Rummaging through the bin: Modelling marine litter distribution using Artificial Neural Networks. Marine Pollution Bulletin, 2019, 149, 110580.	2.3	25
22	Simulating the Effects of Alternative Management Measures of Trawl Fisheries in the Central Mediterranean Sea: Application of a Multi-Species Bio-economic Modeling Approach. Frontiers in Marine Science, 2019, 6, .	1.2	31
23	Effect of temporal and spatial resolution on identification of fishing activities in small-scale fisheries using pots and traps. ICES Journal of Marine Science, 2019, 76, 1601-1609.	1.2	13
24	Trends in Effort and Yield of Trawl Fisheries: A Case Study From the Mediterranean Sea. Frontiers in Marine Science, 2019, 6, .	1.2	40
25	Organic matter contents and degradation in a highly trawled area during fresh particle inputs (Gulf) Tj ETQq1 1 0.784314 rgBT /Overl	1.3	22
26	Effects of trawling activity on the bamboo-coral Isidella elongata and the sea pen Funiculina quadrangularis along the Gioia Canyon (Western Mediterranean, southern Tyrrhenian Sea). Progress in Oceanography, 2018, 169, 214-226.	1.5	37
27	Interactions between commercial fishing vessels and a pelagic seabird in the southern Mediterranean Sea. BMC Ecology, 2018, 18, 54.	3.0	19
28	Bottom trawl fishing footprints on the world's continental shelves. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10275-E10282.	3.3	189
29	Small pelagic purse seines in the Adriatic Sea: A spatial analysis and technical overview in relation to Mediterranean Regulation provisions. Marine Policy, 2018, 98, 104-114.	1.5	4
30	A model combining landings and VMS data to estimate landings by fishing ground and harbor. Fisheries Research, 2018, 199, 218-230.	0.9	36
31	Anthropogenic impact in the Santa Maria di Leuca cold-water coral province (Mediterranean Sea): Observations and conservation straits. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 145, 87-101.	0.6	51
32	The footprint of bottom trawling in European waters: distribution, intensity, and seabed integrity. ICES Journal of Marine Science, 2017, 74, 847-865.	1.2	211
33	Species distribution models of two critically endangered deep-sea octocorals reveal fishing impacts on vulnerable marine ecosystems in central Mediterranean Sea. Scientific Reports, 2017, 7, 8049.	1.6	44
34	A shape distance based on the Fisher–Rao metric and its application for shapes clustering. Physica A: Statistical Mechanics and Its Applications, 2017, 487, 93-102.	1.2	8
35	A Holistic Approach to Fishery Management: Evidence and Insights from a Central Mediterranean Case Study (Western Ionian Sea). Frontiers in Marine Science, 2017, 4, .	1.2	32
36	Modeling landings profiles of fishing vessels: An application of Self-Organizing Maps to VMS and logbook data. Fisheries Research, 2016, 181, 34-47.	0.9	35

#	Article	IF	Citations
37	Towards an Integrated Coastal Zone Management in Campania Region (Italy): A Multidisciplinary Approach to the Analysis of Coastal Fishery Activities and their Socio-Economic Management. Procedia, Social and Behavioral Sciences, 2016, 223, 342-348.	0.5	2
38	Modeling the spatial distribution of the striped dolphin (Stenella coeruleoalba) and common bottlenose dolphin (Tursiops truncatus) in the Gulf of Taranto (Northern Ionian Sea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (Cer	1.0	22
39	Assessing the fishing footprint using data integrated from different tracking devices: Issues and opportunities. Ecological Indicators, 2016, 69, 818-827.	2.6	68
40	An interaction index to predict turtle bycatch in a Mediterranean bottom trawl fishery. Ecological Indicators, 2016, 60, 557-564.	2.6	33
41	Modelling the strategy of mid-water trawlers targeting small pelagic fish in the Adriatic Sea and its drivers. Ecological Modelling, 2015, 300, 102-113.	1.2	25
42	Testing the relationship between domestication and developmental instability in rainbow trout,<i>Oncorhynchus mykiss</i>(Teleostei, Salmonidae). Biological Journal of the Linnean Society, 2015, 114, 608-628.	0.7	6
43	Sea-Scale Agent-Based Simulator of Solea solea in the Adriatic Sea. Lecture Notes in Computer Science, 2015, , 259-275.	1.0	3
44	SMART: A Spatially Explicit Bio-Economic Model for Assessing and Managing Demersal Fisheries, with an Application to Italian Trawlers in the Strait of Sicily. PLoS ONE, 2014, 9, e86222.	1.1	54
45	Rainbow trout (<i>Oncorhynchus mykiss</i>, Walbaum) develop a more robust body shape under organic rearing. Aquaculture Research, 2014, 45, 397-409.	0.9	11
46	Common sole in the northern and central Adriatic Sea: Spatial management scenarios to rebuild the stock. Journal of Sea Research, 2014, 89, 12-22.	0.6	37
47	Applications of Self-Organizing Maps for Ecomorphological Investigations through Early Ontogeny of Fish. PLoS ONE, 2014, 9, e86646.	1.1	11
48	Skeletal Anomaly Monitoring in Rainbow Trout (Oncorhynchus mykiss, Walbaum 1792) Reared under Different Conditions. PLoS ONE, 2014, 9, e96983.	1.1	30
49	VMSbase: An R-Package for VMS and Logbook Data Management and Analysis in Fisheries Ecology. PLoS ONE, 2014, 9, e100195.	1.1	82
50	Domestication shapes morphology in rainbow trout <i>Oncorhynchus mykiss</i>. Journal of Fish Biology, 2013, 82, 390-407.	0.7	34
51	Spatial indicators of fishing pressure: Preliminary analyses and possible developments. Ecological Indicators, 2013, 26, 141-153.	2.6	38
52	Testing Species Delimitations in Four Italian Sympatric Leuciscine Fishes in the Tiber River: A Combined Morphological and Molecular Approach. PLoS ONE, 2013, 8, e60392.	1.1	20
53	â€œRightâ€•or â€œwrongâ€? insights into the ecology of sidedness in european flounder, <i>Platichthys flesus</i>. Journal of Morphology, 2012, 273, 337-346.	0.6	11
54	Application of the Self-Organizing Map to the study of skeletal anomalies in aquaculture: The case of dusky grouper (Epinephelus marginatus Lowe, 1834) juveniles reared under different rearing conditions. Aquaculture, 2011, 315, 69-77.	1.7	5

#	Article	IF	Citations
55	New insights in interpolating fishing tracks from VMS data for different mÃ©tiers. Fisheries Research, 2011, 108, 184-194.	0.9	66
56	When behaviour reveals activity: Assigning fishing effort to mÃ©tiers based on VMS data using artificial neural networks. Fisheries Research, 2011, 111, 53-64.	0.9	73
57	Progress in modeling quality in aquaculture: an application of the Self-Organizing Map to the study of skeletal anomalies and meristic counts in gilthead seabream (<i>Sparus aurata</i>, L. 1758). Journal of Applied Ichthyology, 2010, 26, 360-365.	0.3	13
58	Progress in modelling herring populations: an individual-based model of growth. ICES Journal of Marine Science, 2009, 66, 1718-1725.	1.2	8
59	Shape and size variation: Growth and development of the dusky grouper (<i>Epinephelus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5(	0.6	17
60	LÃ©vy processes and stochastic von Bertalanffy models of growth, with application to fish population analysis. Journal of Theoretical Biology, 2009, 258, 521-529.	0.8	29
61	Feeding preferences of the dusky grouper (Epinephelus marginatus, Lowe 1834) larvae reared in semi-intensive conditions: A contribution addressing the domestication of this species. Aquaculture, 2009, 289, 289-296.	1.7	36
62	Relationship between body shape and trophic niche segregation in two closely related sympatric fishes. Journal of Fish Biology, 2008, 73, 809-828.	0.7	43
63	Correspondence between shape and feeding habit changes throughout ontogeny of gilthead sea bream <i>Sparus aurata</i> L., 1758. Journal of Fish Biology, 2007, 71, 629-656.	0.7	71
64	An ecomorphological framework for the coexistence of two cyprinid fish and their hybrids in a novel environment. Biological Journal of the Linnean Society, 0, 99, 768-783.	0.7	32