Gianpaolo Coro

List of Publications by Year in descending order

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Version: 2024-02-01

50 papers	1,290 citations	471509 17 h-index	395702 33 g-index
54 all docs	54 docs citations	54 times ranked	1322 citing authors

#	Article	IF	Citations
1	Virtual research environments coâ€creation: The D4Science experience. Concurrency Computation Practice and Experience, 2023, 35, .	2.2	5
2	COVID-19 lockdowns reveal the resilience of Adriatic Sea fisheries to forced fishing effort reduction. Scientific Reports, 2022, 12, 1052.	3.3	11
3	A High-resolution Global-scale Model for COVID-19 Infection Rate. ACM Transactions on Spatial Algorithms and Systems, 2022, 8, 1-24.	1.4	5
4	Automatic detection of potentially ineffective verbal communication for training through simulation in neonatology. Education and Information Technologies, 2022, 27, 9181-9203.	5.7	3
5	Habitat distribution change of commercial species in the Adriatic Sea during the COVID-19 pandemic. Ecological Informatics, 2022, 69, 101675.	5.2	7
6	Realizing virtual research environments for the agriâ€food community: The AGINFRA PLUS experience. Concurrency Computation Practice and Experience, 2021, 33, e6087.	2.2	4
7	NLPHub: An eâ€Infrastructureâ€based text mining hub. Concurrency Computation Practice and Experience, 2021, 33, e5986.	2.2	4
8	Data Poor Approach for the Assessment of the Main Target Species of Rapido Trawl Fishery in Adriatic Sea. Frontiers in Marine Science, 2021, 8, .	2.5	7
9	An intelligent and cost-effective remote underwater video device for fish size monitoring. Ecological Informatics, 2021, 63, 101311.	5.2	18
10	Psycho-acoustics inspired automatic speech recognition. Computers and Electrical Engineering, 2021, 93, 107238.	4.8	9
11	An Open Science approach to infer fishing activity pressure on stocks and biodiversity from vessel tracking data. Ecological Informatics, 2021, 64, 101384.	5.2	12
12	Exploring the status of the Indonesian deep demersal fishery using length-based stock assessments. Fisheries Research, 2021, 243, 106089.	1.7	7
13	Detecting patterns of climate change in long-term forecasts of marine environmental parameters. International Journal of Digital Earth, 2020, 13, 567-585.	3.9	10
14	Estimating stock status from relative abundance and resilience. ICES Journal of Marine Science, 2020, 77, 527-538.	2.5	48
15	Predicting geographical suitability of geothermal power plants. Journal of Cleaner Production, 2020, 267, 121874.	9.3	38
16	A global-scale ecological niche model to predict SARS-CoV-2 coronavirus infection rate. Ecological Modelling, 2020, 431, 109187.	2.5	31
17	OPEN SCIENCE AND ARTIFICIAL INTELLIGENCE SUPPORTING BLUE GROWTH. Environmental Engineering and Management Journal, 2020, 19, 1719-1729.	0.6	7
18	Data Processing and Analytics for Data-Centric Sciences. Lecture Notes in Computer Science, 2020, , 176-191.	1.3	0

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19	Enacting open science by D4Science. Future Generation Computer Systems, 2019, 101, 555-563.	7.5	44
20	On the pile-up effect and priors for Linf and M/K: response to a comment by Hordyk et al. on â€œA new approach for estimating stock status from length frequency dataâ€• ICES Journal of Marine Science, 2019, 76, 461-465.	2.5	36
21	Quantifying Coral Reef Composition of Recreational Diving Sites: A Structure from Motion Approach at Seascape Scale. Remote Sensing, 2019, 11, 3027.	4.0	9
22	A new approach for estimating stock status from length frequency data. ICES Journal of Marine Science, 2019, 76, 350-351.	2.5	16
23	The gCube system: Delivering Virtual Research Environments as-a-Service. Future Generation Computer Systems, 2019, 95, 445-453.	7.5	26
24	Reconstructing 3D virtual environments within a collaborative eâ€infrastructure. Concurrency Computation Practice and Experience, 2019, 31, e5028.	2.2	6
25	A multiscale statistical method to identify potential areas of hyporheic exchange for river restoration planning. Environmental Modelling and Software, 2019, 111, 311-323.	4.5	27
26	Distinguishing Violinists and Pianists Based on Their Brain Signals. Lecture Notes in Computer Science, 2019, , 123-137.	1.3	5
27	Forecasting the ongoing invasion of Lagocephalus sceleratus in the Mediterranean Sea. Ecological Modelling, 2018, 371, 37-49.	2.5	47
28	Status and rebuilding of European fisheries. Marine Policy, 2018, 93, 159-170.	3.2	179
29	A collection of Aquamaps native layers in NetCDF format. Data in Brief, 2018, 17, 292-296.	1.0	13
30	A new approach for estimating stock status from length frequency data. ICES Journal of Marine Science, 2018, 75, 2004-2015.	2.5	137
31	Cloud computing in a distributed eâ€infrastructure using the web processing service standard. Concurrency Computation Practice and Experience, 2017, 29, e4219.	2.2	27
32	Estimating fisheries reference points from catch and resilience. Fish and Fisheries, 2017, 18, 506-526.	5.3	245
33	Species distribution modeling in the cloud. Concurrency Computation Practice and Experience, 2016, 28, 1056-1079.	2.2	27
34	Revisiting safe biological limits in fisheries. Fish and Fisheries, 2016, 17, 193-209.	5.3	26
35	Analysing and forecasting fisheries time series: purse seine in Indian Ocean as a case study. ICES Journal of Marine Science, 2016, 73, 2552-2571.	2.5	17
36	Building a European geothermal information network using a distributed e-Infrastructure. International Journal of Digital Earth, 2016, 9, 499-519.	3.9	4

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37	Estimating absence locations of marine species from data of scientific surveys in OBIS. Ecological Modelling, 2016, 323, 61-76.	2.5	21
38	Automatic classification of climate change effects on marine species distributions in 2050 using the AquaMaps model. Environmental and Ecological Statistics, 2016, 23, 155-180.	3.5	14
39	Parallelizing the execution of native data mining algorithms for computational biology. Concurrency Computation Practice and Experience, 2015, 27, 4630-4644.	2.2	28
40	Retrieving taxa names from large biodiversity data collections using a flexible matching workflow. Ecological Informatics, 2015, 28, 29-41.	5.2	14
41	Classifying degrees of species commonness: North Sea fish as a case study. Ecological Modelling, 2015, 312, 272-280.	2.5	10
42	An infrastructure-oriented approach for supporting biodiversity research. Ecological Informatics, 2015, 26, 162-172.	5.2	16
43	Improving data quality to build a robust distribution model for Architeuthis dux. Ecological Modelling, 2015, 305, 29-39.	2.5	21
44	Comparing heterogeneous distribution maps for marine species. GIScience and Remote Sensing, 2014, 51, 593-611.	5.9	10
45	Combining simulated expert knowledge with Neural Networks to produce Ecological Niche Models for Latimeria chalumnae. Ecological Modelling, 2013, 268, 55-63.	2.5	16
46	Deriving fishing monthly effort and caught species from vessel trajectories. , 2013, , .		8
47	Supporting Tabular Data Characterization in a Large Scale Data Infrastructure by Lexical Matching Techniques. Communications in Computer and Information Science, 2013, , 21-32.	0.5	1
48	Automatic Procedures to Assist in Manual Review of Marine Species Distribution Maps. Lecture Notes in Computer Science, 2013, , 346-355.	1.3	2
49	Speech recognition with factorial-HMM syllabic acoustic models. , 0, , .		2
50	Filling Gaps in Trawl Surveys at Sea through Spatiotemporal and Environmental Modelling. Frontiers in Marine Science, 0, 9, .	2.5	4