

Jacopo Aguzzi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3106321/publications.pdf>

Version: 2024-02-01

159
papers

6,098
citations

117571

34
h-index

88593

70
g-index

159
all docs

159
docs citations

159
times ranked

6127
citing authors

#	ARTICLE	IF	CITATIONS
1	Framing Cutting-Edge Integrative Deep-Sea Biodiversity Monitoring via Environmental DNA and Optoacoustic Augmented Infrastructures. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	9
2	Marine Robotics for Deep-Sea Specimen Collection: A Systematic Review of Underwater Grippers. <i>Sensors</i> , 2022, 22, 648.	2.1	22
3	Developing technological synergies between deep-sea and space research. <i>Elementa</i> , 2022, 10, .	1.1	8
4	Marine Robotics for Deep-Sea Specimen Collection: A Taxonomy of Underwater Manipulative Actions. <i>Sensors</i> , 2022, 22, 1471.	2.1	6
5	The EMSO Generic Instrument Module (EGIM): Standardized and Interoperable Instrumentation for Ocean Observation. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	8
6	Long-Term Monitoring of Diel and Seasonal Rhythm of <i>Dentex dentex</i> at an Artificial Reef. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	9
7	Assessing the Image Concept Drift at the OBSEA Coastal Underwater Cabled Observatory. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	4
8	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.	0.6	5
9	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.	3.4	5
10	Burrow emergence rhythms of <i>Nephrops norvegicus</i> by UWTV and surveying biases. <i>Scientific Reports</i> , 2021, 11, 5797.	1.6	12
11	Research Trends and Future Perspectives in Marine Biomimicking Robotics. <i>Sensors</i> , 2021, 21, 3778.	2.1	16
12	Integrating Diel Vertical Migrations of Bioluminescent Deep Scattering Layers Into Monitoring Programs. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	9
13	Don't catch me if you can " Using cabled observatories as multidisciplinary platforms for marine fish community monitoring: An in situ case study combining Underwater Video and environmental DNA data. <i>Science of the Total Environment</i> , 2021, 773, 145351.	3.9	19
14	Foraging strategies in four deep-sea benthic species. <i>Journal of Experimental Marine Biology and Ecology</i> , 2021, 542-543, 151607.	0.7	3
15	Seafloor litter at oceanic islands and seamounts of the southeastern Pacific. <i>Marine Pollution Bulletin</i> , 2021, 170, 112641.	2.3	8
16	Multiparametric monitoring of fish activity rhythms in an Atlantic coastal cabled observatory. <i>Journal of Marine Systems</i> , 2020, 212, 103424.	0.9	12
17	The potential of video imagery from worldwide cabled observatory networks to provide information supporting fish-stock and biodiversity assessment. <i>ICES Journal of Marine Science</i> , 2020, 77, 2396-2410.	1.2	26
18	Mobile robotic platforms for the acoustic tracking of deep-sea demersal fishery resources. <i>Science Robotics</i> , 2020, 5, .	9.9	33

#	ARTICLE	IF	CITATIONS
19	An Automated Pipeline for Image Processing and Data Treatment to Track Activity Rhythms of <i>Paragorgia arborea</i> in Relation to Hydrographic Conditions. <i>Sensors</i> , 2020, 20, 6281.	2.1	16
20	Stepped Coastal Water Warming Revealed by Multiparametric Monitoring at NW Mediterranean Fixed Stations. <i>Sensors</i> , 2020, 20, 2658.	2.1	8
21	Behavioral rhythms of an opportunistic predator living in anthropogenic landscapes. <i>Movement Ecology</i> , 2020, 8, 17.	1.3	11
22	Global Deep-Sea Biodiversity Research Trends Highlighted by Science Mapping Approach. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	29
23	Ecological video monitoring of Marine Protected Areas by underwater cabled surveillance cameras. <i>Marine Policy</i> , 2020, 119, 104052.	1.5	16
24	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.	2.1	11
25	A Flexible Autonomous Robotic Observatory Infrastructure for Benthic-Pelagic Monitoring. <i>Sensors</i> , 2020, 20, 1614.	2.1	16
26	Quality Control and Pre-Analysis Treatment of the Environmental Datasets Collected by an Internet Operated Deep-Sea Crawler during Its Entire 7-Year Long Deployment (2009â€“2016). <i>Sensors</i> , 2020, 20, 2991.	2.1	6
27	Obsea: A Decadal Balance for a Cabled Observatory Deployment. <i>IEEE Access</i> , 2020, 8, 33163-33177.	2.6	31
28	Deep-sea litter in the Gulf of Cadiz (Northeastern Atlantic, Spain). <i>Marine Pollution Bulletin</i> , 2020, 153, 110969.	2.3	18
29	Ecological variables for developing a global deep-ocean monitoring and conservation strategy. <i>Nature Ecology and Evolution</i> , 2020, 4, 181-192.	3.4	142
30	Video Image Enhancement and Machine Learning Pipeline for Underwater Animal Detection and Classification at Cabled Observatories. <i>Sensors</i> , 2020, 20, 726.	2.1	40
31	Exo-Ocean Exploration with Deep-Sea Sensor and Platform Technologies. <i>Astrobiology</i> , 2020, 20, 897-915.	1.5	15
32	The Hierarchic Treatment of Marine Ecological Information from Spatial Networks of Benthic Platforms. <i>Sensors</i> , 2020, 20, 1751.	2.1	34
33	Visual monitoring of key deep-sea megafauna with an Internet Operated crawler as a tool for ecological status assessment. <i>Progress in Oceanography</i> , 2020, 184, 102321.	1.5	18
34	Towards an optimal design for ecosystem-level ocean observatories. , 2020, , 79-105.		26
35	Range-Only Single-Beacon Tracking of Underwater Targets From an Autonomous Vehicle: From Theory to Practice. <i>IEEE Access</i> , 2019, 7, 86946-86963.	2.6	14
36	26 Occurrence of Living Cold-Water Corals at Large Depths Within Submarine Canyons of the Northwestern Mediterranean Sea. <i>Coral Reefs of the World</i> , 2019, , 271-284.	0.3	7

#	ARTICLE	IF	CITATIONS
37	New High-Tech Flexible Networks for the Monitoring of Deep-Sea Ecosystems. Environmental Science & Technology, 2019, 53, 6616-6631.	4.6	93
38	Long-term Video Tracking of Cohoused Aquatic Animals: A Case Study of the Daily Locomotor Activity of the Norway Lobster (Nephrops norvegicus). Journal of Visualized Experiments, 2019, , .	0.2	2
39	Annual rhythms of temporal niche partitioning in the Sparidae family are correlated to different environmental variables. Scientific Reports, 2019, 9, 1708.	1.6	32
40	Area-only method for underwater object tracking using autonomous vehicles. , 2019, , .		0
41	Visual faunistic exploration of geomorphological human-impacted deep-sea areas of the north-western Mediterranean Sea. Journal of the Marine Biological Association of the United Kingdom, 2018, 98, 1241-1252.	0.4	12
42	Underwater acoustic slant range measurements related to weather and sea state. Journal of Physics: Conference Series, 2018, 1065, 052038.	0.3	1
43	Underwater Multi-Target Tracking with Particle Filters. , 2018, , .		6
44	Optimal path shape for range-only underwater target localization using a Wave Glider. International Journal of Robotics Research, 2018, 37, 1447-1462.	5.8	16
45	Tracking Fish Abundance by Underwater Image Recognition. Scientific Reports, 2018, 8, 13748.	1.6	106
46	New Vectorial Propulsion System and Trajectory Control Designs for Improved AUV Mission Autonomy. Sensors, 2018, 18, 1241.	2.1	9
47	Automated estimate of fish abundance through the autonomous imaging device GUARD1. Measurement: Journal of the International Measurement Confederation, 2018, 126, 72-75.	2.5	30
48	Faunal activity rhythms influencing early community succession of an implanted whale carcass offshore Sagami Bay, Japan. Scientific Reports, 2018, 8, 11163.	1.6	26
49	Expert, Crowd, Students or Algorithm: who holds the key to deep-sea imagery "big data" processing?. Methods in Ecology and Evolution, 2017, 8, 996-1004.	2.2	29
50	An ecosystem-based deep-ocean strategy. Science, 2017, 355, 452-454.	6.0	135
51	Fighting over burrows: the emergence of dominance hierarchies in the Norway lobster (Nephrops). Tj ETQq1 1 0.784314 rgBT /Ove	0.8	21
52	The Oceanic Biological Pump: Rapid carbon transfer to depth at Continental Margins during Winter. Scientific Reports, 2017, 7, 10763.	1.6	50
53	Inertial bioluminescence rhythms at the Capo Passero (KM3NeT-Italia) site, Central Mediterranean Sea. Scientific Reports, 2017, 7, 44938.	1.6	12
54	Underwater mobile target tracking with particle filter using an autonomous vehicle. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
55	Sex and tissue specific gene expression patterns identified following de novo transcriptomic analysis of the Norway lobster, <i>Nephrops norvegicus</i> . BMC Genomics, 2017, 18, 622.	1.2	34
56	Ecological Role of Submarine Canyons and Need for Canyon Conservation: A Review. Frontiers in Marine Science, 2017, 4, .	1.2	160
57	Influence of temperature on daily locomotor activity in the crab <i>Uca pugilator</i> . PLoS ONE, 2017, 12, e0175403.	1.1	10
58	Seasonal monitoring of deep-sea megabenthos in Barkley Canyon cold seep by internet operated vehicle (IOV). PLoS ONE, 2017, 12, e0176917.	1.1	50
59	First laboratory insight on the behavioral rhythms of the bathyal crab <i>Geryon longipes</i> . Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 116, 165-173.	0.6	6
60	Comparison between ROV video and Agassiz trawl methods for sampling deep water fauna of submarine canyons in the Northwestern Mediterranean Sea with observations on behavioural reactions of target species. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 114, 149-159.	0.6	38
61	The seasonal use of small-scale space by benthic species in a transiently hypoxic area. Journal of Marine Systems, 2016, 154, 280-290.	0.9	15
62	High-Frequency Patterns in the Abundance of Benthic Species near a Cold-Seep “ An Internet Operated Vehicle Application. PLoS ONE, 2016, 11, e0163808.	1.1	24
63	Reproductive biology of NW Mediterranean tonguefish <i>Symphurus nigrescens</i> and <i>Symphurus ligulatus</i> . Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 1041-1049.	0.4	0
64	Abundant bioluminescent sources of low-light intensity in the deep Mediterranean Sea and North Atlantic Ocean. Marine Biology, 2015, 162, 1637-1649.	0.7	10
65	Investigating the mediterranean by seafloor observations: The eastern branch of the EMSO Ligurian Sea node. , 2015, , .		1
66	Temporal Shape Changes and Future Trends in European Automotive Design. Machines, 2015, 3, 256-267.	1.2	4
67	Identification, Characterization, and Diel Pattern of Expression of Canonical Clock Genes in <i>Nephrops norvegicus</i> (Crustacea: Decapoda) Eyestalk. PLoS ONE, 2015, 10, e0141893.	1.1	37
68	Pilot acoustic tracking study on adult spiny lobsters (<i>Palinurus mauritanicus</i>) and spider crabs (<i>Maja</i>) Tj ETQq0 0 0 rBT /Overlock 10 Tf	1.0	3
69	Light and current generation system for measuring the behaviour of the Norway lobster. Measurement: Journal of the International Measurement Confederation, 2015, 69, 180-188.	2.5	0
70	Reproductive biology of the seastar <i>Ceramaster grenadensis</i> from the deep north-western Mediterranean Sea. Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 805-815.	0.4	3
71	Coastal observatories for monitoring of fish behaviour and their responses to environmental changes. Reviews in Fish Biology and Fisheries, 2015, 25, 463-483.	2.4	59
72	Effect of simulated tidal currents on the burrow emergence rhythms of the Norway lobster (<i>Nephrops norvegicus</i>). Marine Biology, 2015, 162, 2007-2016.	0.7	17

#	ARTICLE	IF	CITATIONS
73	Rhythmic behaviour of marine benthopelagic species and the synchronous dynamics of benthic communities. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 95, 1-11.	0.6	38
74	Feeding ecology and trophic position of three sympatric demersal chondrichthyans in the northwestern Mediterranean. <i>Marine Ecology - Progress Series</i> , 2015, 524, 255-268.	0.9	54
75	The effects of seasonal variation on the nutritional condition of <i>Nephrops norvegicus</i> (Astacidea: Nephropidae) from wild populations in the western Mediterranean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 763-773.	0.4	6
76	Automated Video Imaging System for Counting Deep-Sea Bioluminescence Organisms Events. , 2014, , .		9
77	Spontaneous internal desynchronization of locomotor activity and body temperature rhythms from plasma melatonin rhythm in rats exposed to constant dim light. <i>Journal of Circadian Rhythms</i> , 2014, 4, 6.	2.9	35
78	First in situ observations of the deep-sea carnivorous ascidian <i>Dicopia antirrhinum</i> Monniot C., 1972 in the Western Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 83, 51-56.	0.6	8
79	Innovative Automated Landmark Detection for Food Processing: The Backwarping Approach. <i>Food and Bioprocess Technology</i> , 2014, 7, 2291-2298.	2.6	9
80	High-frequency study of epibenthic megafaunal community dynamics in Barkley Canyon: A multi-disciplinary approach using the NEPTUNE Canada network. <i>Journal of Marine Systems</i> , 2014, 130, 56-68.	0.9	63
81	Diel behavioral rhythms in sablefish (<i>Anoplopoma fimbria</i>) and other benthic species, as recorded by the Deep-sea cabled observatories in Barkley canyon (NEPTUNE-Canada). <i>Journal of Marine Systems</i> , 2014, 130, 69-78.	0.9	64
82	The potential reproductive contribution of Mediterranean migrating eels to the <i>Anguilla anguilla</i> stock. <i>Scientific Reports</i> , 2014, 4, 7188.	1.6	11
83	First records, rediscovery and compilation of deep-sea echinoderms in the middle and lower continental slope of the Mediterranean Sea. <i>Scientia Marina</i> , 2014, 78, 281-302.	0.3	25
84	An automated multi-flume actograph for the study of behavioral rhythms of burrowing organisms. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 446, 177-185.	0.7	18
85	Reproductive biology and recruitment of the deep-sea fish community from the NW Mediterranean continental margin. <i>Progress in Oceanography</i> , 2013, 118, 222-234.	1.5	35
86	Seasonal fluctuations of deep megabenthos: Finding evidence of standing stock accumulation in a flux-rich continental slope. <i>Progress in Oceanography</i> , 2013, 118, 188-198.	1.5	45
87	Light-dependent genetic and phenotypic differences in the squat lobster <i>Munida tenuimana</i> (Crustacea: Tj ETQq1 1 0.784314 rgBT /Ov 1.5 6		
88	Seasonal bathymetric migrations of deep-sea fishes and decapod crustaceans in the NW Mediterranean Sea. <i>Progress in Oceanography</i> , 2013, 118, 210-221.	1.5	13
89	A Review on Agri-food Supply Chain Traceability by Means of RFID Technology. <i>Food and Bioprocess Technology</i> , 2013, 6, 353-366.	2.6	235
90	Diel rhythms in shallow Mediterranean rocky-reef fishes: a chronobiological approach with the help of trained volunteers. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2013, 93, 461-470.	0.4	26

#	ARTICLE	IF	CITATIONS
91	Sensory Biology and Behaviour of Nephrops norvegicus. <i>Advances in Marine Biology</i> , 2013, 64, 65-106.	0.7	19
92	A New Colorimetrically-Calibrated Automated Video-Imaging Protocol for Day-Night Fish Counting at the OBSEA Coastal Cabled Observatory. <i>Sensors</i> , 2013, 13, 14740-14753.	2.1	12
93	Citizen science and marine community monitoring by video-cabled observatories: The OBSEA Citizen Science project. , 2013, , .		1
94	The new synthesis of cabled observatory science: Technology meets deep-sea ecology. , 2013, , .		2
95	Ecological Segregation in Space, Time and Trophic Niche of Sympatric Planktivorous Petrels. <i>PLoS ONE</i> , 2013, 8, e62897.	1.1	110
96	Daily activity rhythms in temperate coastal fishes: insights from cabled observatory video monitoring. <i>Marine Ecology - Progress Series</i> , 2013, 486, 223-236.	0.9	29
97	Dusk but not dawn burrow emergence rhythms of <i>Nephrops norvegicus</i> (Crustacea: Tj ETQq1 1 0,784314 rgBT /Over 0,3 18		
98	RGB Color Calibration for Quantitative Image Analysis: The 3D Thin-Plate Spline Warping Approach. <i>Sensors</i> , 2012, 12, 7063-7079.	2.1	74
99	Seasonal rhythm in a Mediterranean coastal fish community as monitored by a cabled observatory. <i>Marine Biology</i> , 2012, 159, 2809-2817.	0.7	24
100	A review of burrow counting as an alternative to other typical methods of assessment of Norway lobster populations. <i>Reviews in Fish Biology and Fisheries</i> , 2012, 22, 409-422.	2.4	30
101	Shifting feeding behaviour of deep-sea buccinid gastropods at natural and simulated food falls. <i>Marine Ecology - Progress Series</i> , 2012, 458, 247-253.	0.9	22
102	Monitoring species using acoustic communications. , 2011, , .		0
103	Activity rhythms in the deep-sea: a chronobiological approach. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 131.	3.0	63
104	Ontogenetic and environmental effects on otolith shape variability in three Mediterranean European eel (<i>Anguilla anguilla</i> , L.) local stocks. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 397, 1-7.	0.7	82
105	Multi-parametric study of behavioural modulation in demersal decapods at the VENUS cabled observatory in Saanich Inlet, British Columbia, Canada. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 401, 89-96.	0.7	31
106	Shape Analysis of Agricultural Products: A Review of Recent Research Advances and Potential Application to Computer Vision. <i>Food and Bioprocess Technology</i> , 2011, 4, 673-692.	2.6	228
107	The New Pelagic Operational Observatory of the Catalan Sea (OOCs) for the Multisensor Coordinated Measurement of Atmospheric and Oceanographic Conditions. <i>Sensors</i> , 2011, 11, 11251-11272.	2.1	23
108	The New Seafloor Observatory (OBSEA) for Remote and Long-Term Coastal Ecosystem Monitoring. <i>Sensors</i> , 2011, 11, 5850-5872.	2.1	73

#	ARTICLE	IF	CITATIONS
109	Automated Image Analysis for the Detection of Benthic Crustaceans and Bacterial Mat Coverage Using the VENUS Undersea Cabled Network. <i>Sensors</i> , 2011, 11, 10534-10556.	2.1	36
110	A New Laboratory Radio Frequency Identification (RFID) System for Behavioural Tracking of Marine Organisms. <i>Sensors</i> , 2011, 11, 9532-9548.	2.1	36
111	External Shape Differences between Sympatric Populations of Commercial Clams <i>Tapes decussatus</i> and <i>T. philippinarum</i> . <i>Food and Bioprocess Technology</i> , 2010, 3, 43-48.	2.6	43
112	The Biodiversity of the Mediterranean Sea: Estimates, Patterns, and Threats. <i>PLoS ONE</i> , 2010, 5, e11842.	1.1	1,439
113	Light Intensity Determines Temporal Niche Switching of Behavioral Activity in Deep-Water <i>Nephrops norvegicus</i> (Crustacea: Decapoda). <i>Journal of Biological Rhythms</i> , 2010, 25, 277-287.	1.4	62
114	Chronobiology of Deep-Water Decapod Crustaceans on Continental Margins. <i>Advances in Marine Biology</i> , 2010, 58, 155-225.	0.7	71
115	Quality Evaluation of Fish by Hyperspectral Imaging. , 2010, , 273-294.		30
116	Video-image processing applied to the analysis of the behaviour of deep-water lobsters (<i>Nephrops</i>)		2
117	Sensory constraints in temporal segregation in two species of anglerfish, <i>Lophius budegassa</i> and <i>L. piscatorius</i> . <i>Marine Ecology - Progress Series</i> , 2010, 416, 255-265.	0.9	20
118	Behavioral rhythms of hydrocarbon seep fauna in relation to internal tides. <i>Marine Ecology - Progress Series</i> , 2010, 418, 47-56.	0.9	46
119	A Novel Morphometry-Based Protocol of Automated Video-Image Analysis for Species Recognition and Activity Rhythms Monitoring in Deep-Sea Fauna. <i>Sensors</i> , 2009, 9, 8438-8455.	2.1	45
120	Fuzzy diel patterns in catchability of deep-water species on the continental margin. <i>ICES Journal of Marine Science</i> , 2009, 66, 2211-2218.	1.2	23
121	Quantitative evaluation of Tarocco sweet orange fruit shape using optoelectronic elliptic Fourier based analysis. <i>Postharvest Biology and Technology</i> , 2009, 54, 38-47.	2.9	61
122	Ecomorphology of morpho-functional relationships in the family of sparidae: A quantitative statistic approach. <i>Journal of Morphology</i> , 2009, 270, 843-855.	0.6	47
123	Ontogenetic and gender-modulated behavioural rhythms in the deep-water decapods <i>Liocarcinus depurator</i> (Brachyura: Portunidae), <i>Munida tenuimana</i> and <i>Munida intermedia</i> (Anomura: Galatheidae). <i>Marine Ecology</i> , 2009, 30, 93-105.	0.4	9
124	The influence of light availability and predatory behavior of the decapod crustacean <i>Nephrops norvegicus</i> on the activity rhythms of continental margin prey decapods. <i>Marine Ecology</i> , 2009, 30, 366-375.	0.4	34
125	A new morphometric implemented video-image analysis protocol for the study of social modulation in activity rhythms of marine organisms. <i>Journal of Neuroscience Methods</i> , 2009, 184, 161-168.	1.3	18
126	Hydrodynamic, non-photic modulation of biorhythms in the Norway lobster, <i>Nephrops norvegicus</i> (L.). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 366-373.	0.6	13

#	ARTICLE	IF	CITATIONS
127	Day-night and depth differences in haemolymph melatonin of the Norway lobster, <i>Nephrops norvegicus</i> (L.). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 1894-1905.	0.6	15
128	Modeled day-night biases in decapod assessment by bottom trawling survey. <i>Fisheries Research</i> , 2009, 100, 274-280.	0.9	20
129	Studying the behaviour of Norway lobster using RFID and infrared tracking technologies. , 2009, , .		6
130	Monochromatic blue light entrains diel activity cycles in the Norway lobster, <i>Nephrops norvegicus</i> (L.) as measured by automated video-image analysis. <i>Scientia Marina</i> , 2009, 73, 773-783.	0.3	19
131	A history of recent advancements on <i>Nephrops norvegicus</i> behavioral and physiological rhythms. <i>Reviews in Fish Biology and Fisheries</i> , 2008, 18, 235-248.	2.4	72
132	Light and shape: A contribution to demonstrate morphological differences in diurnal and nocturnal teleosts. <i>Journal of Morphology</i> , 2008, 269, 375-385.	0.6	31
133	A new tracking system for the measurement of diel locomotor rhythms in the Norway lobster, <i>Nephrops norvegicus</i> (L.). <i>Journal of Neuroscience Methods</i> , 2008, 173, 215-224.	1.3	29
134	Shape-based methodology for multivariate discrimination among Italian hazelnut cultivars. <i>Biosystems Engineering</i> , 2008, 101, 417-424.	1.9	56
135	Shape analysis of different populations of clams in relation to their geographical structure. <i>Journal of Zoology</i> , 2008, 276, 71-80.	0.8	59
136	Evidences on the transient disruption of <i>Sabella spallanzanii</i> (Polychaeta, Sabellidae) fan activity rhythm in laboratory constant darkness. <i>Italian Journal of Zoology</i> , 2008, 75, 337-344.	0.6	6
137	The circadian behavioural regulation of the shrimp, <i>Processa canaliculata</i> Leach, 1815 (Decapoda,) Tj ETQq1 1 0.784314 rgBT /Overlock 1301-1316.	0.1	14
138	Evidence for an Overlapping Role of CLOCK and NPAS2 Transcription Factors in Liver Circadian Oscillators. <i>Molecular and Cellular Biology</i> , 2008, 28, 3070-3075.	1.1	73
139	Infrared and Imaging Application to Measure Emergence Activity Rhythms on <i>Nephrops norvegicus</i> (L.) Population Assessment. , 2008, , .		3
140	THE ACTIVITY RHYTHM OF BERRIED AND UNBERRIED FEMALES OF NEPHROPS NORVEGICUS (DECAPODA,) Tj ETQq0 0 0 rgBT /Overlock 23	0.1	23
141	Day-night activity rhythm of the cold seep shrimp <i>Alvinocaris stactophila</i> (Caridea: Alvinocarididae) from the Gulf of Mexico. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1175-1180.	0.4	10
142	Rhythmic diel movements of pandalid shrimps in the western Mediterranean continental shelf and upper slope. <i>Journal of Zoology</i> , 2007, 273, 340-349.	0.8	11
143	Effect of photoreceptor degeneration on circadian photoreception and free-running period in the Royal College of Surgeons rat. <i>Brain Research</i> , 2007, 1148, 76-82.	1.1	14
144	Ontogenetic changes in vertical migratory rhythms of benthopelagic shrimps <i>Pasiphaea multidentata</i> and <i>P. sivado</i> . <i>Marine Ecology - Progress Series</i> , 2007, 335, 167-174.	0.9	20

#	ARTICLE	IF	CITATIONS
145	Preliminary evidences of circadian fan activity rhythm in <i>Sabella spallanzanii</i> (Gmelin, 1791) (Polychaeta: Sabellidae). <i>Scientia Marina</i> , 2006, 70, 727-734.	0.3	11
146	Daily and seasonal feeding rhythmicity of <i>Palaemonetes varians</i> (Leach 1814) from southwestern Europe. <i>Marine Biology</i> , 2005, 148, 141-147.	0.7	20
147	Effect of Space Flight on Circadian Rhythms. <i>Advances in Space Biology and Medicine</i> , 2005, 10, 165-174.	0.5	4
148	Effect of Long-Term Exposure to Constant Dim Light on the Circadian System of Rats. <i>NeuroSignals</i> , 2005, 14, 117-125.	0.5	18
149	Cardiac Activity of <i>Nephrops norvegicus</i> (Decapoda: Nephropidae): The Relationship between Circadian and Ultradian Rhythms. <i>Journal of Crustacean Biology</i> , 2005, 25, 577-584.	0.3	8
150	Temporal modification in cardiac rhythmicity of <i>Nephrops norvegicus</i> (Crustacea: Decapoda) in relation to trawl capture stress. <i>Scientia Marina</i> , 2005, 69, 369-374.	0.3	12
151	First observations on <i>Nephrops norvegicus</i> (L.) Burrow Densities on the Continental Shelf off the Catalan Coast (Western Mediterranean). <i>Crustaceana</i> , 2004, 77, 299-310.	0.1	12
152	Is the glucose concentration in the haemolymph a suitable indicator of circadian rhythmicity in <i>Nephrops norvegicus</i> (Decapoda, Nephropidae)?. <i>Crustaceana</i> , 2004, 77, 213-229.	0.1	6
153	Feeding activity rhythm of <i>Nephrops norvegicus</i> of the western Mediterranean shelf and slope grounds. <i>Marine Biology</i> , 2004, 144, 463-472.	0.7	24
154	Seasonal dynamics in <i>Nephrops norvegicus</i> (Decapoda: Nephropidae) catches off the Catalan coasts (Western Mediterranean). <i>Fisheries Research</i> , 2004, 69, 293-300.	0.9	30
155	Endogenous cardiac activity rhythms of continental slope <i>Nephrops norvegicus</i> (Decapoda: Nephropidae). <i>Journal of Crustacean Biology</i> , 2004, 24, 282-290.	0.4	21
156	Locomotor Activity Rhythms of Continental Slope <i>Nephrops norvegicus</i> (Decapoda: Nephropidae). <i>Journal of Crustacean Biology</i> , 2004, 24, 282-290.	0.3	30
157	Circadian Oxygen Consumption Patterns in Continental Slope <i>Nephrops norvegicus</i> (Decapoda: Nephropidae). <i>Journal of Crustacean Biology</i> , 2004, 24, 282-290.	0.3	22
158	Diel and seasonal patterns of <i>Nephrops norvegicus</i> (Decapoda: Nephropidae) catchability in the western Mediterranean. <i>Marine Ecology - Progress Series</i> , 2003, 258, 201-211.	0.9	78
159	Influence of diel behaviour in the morphology of decapod natantia. <i>Biological Journal of the Linnean Society</i> , 0, 96, 517-532.	0.7	23