

# R Amara

## List of Publications by Citations

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99  
papers

2,499  
citations

29  
h-index

46  
g-index

106  
ext. papers

2,906  
ext. citations

3.6  
avg, IF

5.2  
L-index

#	Paper	IF	Citations
99	Anthropogenic disturbance on nursery function of estuarine areas for marine species. <i>Estuarine, Coastal and Shelf Science</i> , <b>2009</b> , 81, 179-190	2.9	116
98	Optimization, performance, and application of a pyrolysis-GC/MS method for the identification of microplastics. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 6663-6676	4.4	113
97	Heavy metals in four fish species from the French coast of the Eastern English Channel and Southern Bight of the North Sea. <i>Environment International</i> , <b>2004</b> , 30, 675-83	12.9	112
96	Growth and condition indices in juvenile sole <i>Solea solea</i> measured to assess the quality of essential fish habitat. <i>Marine Ecology - Progress Series</i> , <b>2007</b> , 351, 201-208	2.6	110
95	Environmental factors structuring fish composition and assemblages in a small macrotidal estuary (eastern English Channel). <i>Estuarine, Coastal and Shelf Science</i> , <b>2008</b> , 79, 507-517	2.9	103
94	Feeding ecology and growth of 0-group flatfish (sole, dab and plaice) on a nursery ground (Southern Bight of the North Sea). <i>Journal of Fish Biology</i> , <b>2001</b> , 58, 788-803	1.9	93
93	Sources of microplastics pollution in the marine environment: Importance of wastewater treatment plant and coastal landfill. <i>Marine Pollution Bulletin</i> , <b>2019</b> , 146, 608-618	6.7	89
92	Are growth and density quantitative indicators of essential fish habitat quality? An application to the common sole <i>Solea solea</i> nursery grounds. <i>Estuarine, Coastal and Shelf Science</i> , <b>2006</b> , 69, 96-106	2.9	79
91	Fish composition and assemblage structure in three Eastern English Channel macrotidal estuaries: A comparison with other French estuaries. <i>Estuarine, Coastal and Shelf Science</i> , <b>2009</b> , 81, 149-159	2.9	76
90	Growth and condition of 0-group European flounder, <i>Platichthys flesus</i> as indicator of estuarine habitat quality. <i>Hydrobiologia</i> , <b>2009</b> , 627, 87-98	2.4	67
89	Influence of ontogenetic and environmental changes in the otolith microchemistry of juvenile sole ( <i>Solea solea</i> ). <i>Journal of Sea Research</i> , <b>2003</b> , 50, 199-211	1.9	59
88	Microplastics pollution along the Lebanese coast (Eastern Mediterranean Basin): Occurrence in surface water, sediments and biota samples. <i>Science of the Total Environment</i> , <b>2019</b> , 696, 133933	10.2	58
87	Metamorphosis and estuarine colonisation in the common sole, <i>Solea solea</i> (L.): implications for recruitment regulation. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , <b>2000</b> , 23, 469-484		58
86	Seasonal patterns in the fish and epibenthic crustaceans community of an intertidal zone with particular reference to the population dynamics of plaice and brown shrimp. <i>Estuarine, Coastal and Shelf Science</i> , <b>2003</b> , 56, 807-818	2.9	56
85	Ontogenetic and spatial variation in the diet of hake ( <i>Merluccius merluccius</i> ) in the Bay of Biscay and the Celtic Sea. <i>ICES Journal of Marine Science</i> , <b>2007</b> , 64, 1210-1219	2.7	54
84	Comparison of growth and condition indices of juvenile flatfish in different coastal nursery grounds. <i>Environmental Biology of Fishes</i> , <b>2004</b> , 71, 189-198	1.6	50
83	Spatial, temporal and ontogenetic variation in diet of anchovy ( <i>Engraulis encrasicolus</i> ) on the Algerian coast (SW Mediterranean). <i>Estuarine, Coastal and Shelf Science</i> , <b>2009</b> , 85, 257-264	2.9	45

82	Assessment of trace element contamination and bioaccumulation in algae ( <i>Ulva lactuca</i> ), mussels ( <i>Perna perna</i> ), shrimp ( <i>Penaeus kerathurus</i> ), and fish ( <i>Mugil cephalus</i> , <i>Saratherondon melanotheron</i> ) along the Senegalese coast. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 103, 339-343	6.7	41
81	Seasonal variation in growth of larval sole <i>Solea solea</i> (L.) and consequences on the success of larval immigration. <i>Journal of Sea Research</i> , <b>1994</b> , 32, 287-298		37
80	Growth and condition indices of juvenile turbot, <i>Scophthalmus maximus</i> , exposed to contaminated sediments: effects of metallic and organic compounds. <i>Aquatic Toxicology</i> , <b>2012</b> , 108, 130-40	5.1	36
79	Distribution and growth of 0-group European hake in the Bay of Biscay and Celtic Sea: a spatial and inter-annual analyses. <i>Fisheries Research</i> , <b>2005</b> , 71, 373-378	2.3	36
78	Vertical Distribution and Feeding Activity of Metamorphosing Sole, <i>Solea Solea</i> , Before Immigration to the Bay of Vilaine Nursery (Northern Bay of Biscay, France). <i>Environmental Biology of Fishes</i> , <b>1999</b> , 56, 213-228	1.6	35
77	A combined measurement of metal bioaccumulation and condition indices in juvenile European flounder, <i>Platichthys flesus</i> , from European estuaries. <i>Chemosphere</i> , <b>2013</b> , 91, 498-505	8.4	34
76	Convergent signs of degradation in both the capacity and the quality of an essential fish habitat: state of the Seine estuary (France) flatfish nurseries. <i>Hydrobiologia</i> , <b>2007</b> , 588, 225-229	2.4	33
75	Habitat specific growth rates and condition indices for the sympatric soles <i>Solea solea</i> (Linnaeus, 1758) and <i>Solea senegalensis</i> Kaup 1858, in the Tagus estuary, Portugal, based on otolith daily increments and RNA-DNA ratio. <i>Journal of Applied Ichthyology</i> , <b>2008</b> , 24, 163-169	0.9	32
74	Biological responses of caged juvenile sea bass ( <i>Dicentrarchus labrax</i> ) and turbot ( <i>Scophthalmus maximus</i> ) in a polluted harbour. <i>Ecological Indicators</i> , <b>2012</b> , 19, 161-171	5.8	31
73	Responses of juvenile sea bass, <i>Dicentrarchus labrax</i> , exposed to acute concentrations of crude oil, as assessed by molecular and physiological biomarkers. <i>Chemosphere</i> , <b>2012</b> , 87, 692-702	8.4	31
72	Trophic functioning of coastal ecosystems along an anthropogenic pressure gradient: A French case study with emphasis on a small and low impacted estuary. <i>Estuarine, Coastal and Shelf Science</i> , <b>2012</b> , 112, 73-85	2.9	30
71	Is blue mussel caging an efficient method for monitoring environmental microplastics pollution?. <i>Science of the Total Environment</i> , <b>2020</b> , 710, 135649	10.2	29
70	Impacts of microplastics exposure on mussel ( <i>Mytilus edulis</i> ) gut microbiota. <i>Science of the Total Environment</i> , <b>2020</b> , 745, 141018	10.2	29
69	Seasonal Ichthyodiversity and Growth Patterns of Juvenile Flatfish on a Nursery Ground in the Southern Bight of the North Sea (France). <i>Environmental Biology of Fishes</i> , <b>2003</b> , 67, 191-201	1.6	28
68	What can otolith shape analysis tell us about population structure of the European sardine, <i>Sardina pilchardus</i> , from Atlantic and Mediterranean waters?. <i>Journal of Sea Research</i> , <b>2015</b> , 96, 11-17	1.9	27
67	Nutritional condition of metamorphosing sole: spatial and temporal analyses. <i>Journal of Fish Biology</i> , <b>2004</b> , 64, 72-88	1.9	27
66	Latitudinal comparison of spawning season and growth of 0-group sole, <i>Solea solea</i> (L.). <i>Estuarine, Coastal and Shelf Science</i> , <b>2008</b> , 78, 521-528	2.9	26
65	Population structure of the European anchovy, <i>Engraulis encrasicolus</i> , in the SW Mediterranean Sea, and the Atlantic Ocean: evidence from otolith shape analysis. <i>ICES Journal of Marine Science</i> , <b>2014</b> , 71, 2429-2435	2.7	25

64	Environmental effects on the spatio-temporal patterns of abundance and distribution of <i>Sardina pilchardus</i> and <i>sardinella</i> off the Mauritanian coast (North-West Africa). <i>Fisheries Oceanography</i> , <b>2017</b> , 26, 282-298	2.4	24
63	Comparison between the life cycles of two Soleidae, the common sole, <i>Solea solea</i> , and the thickback sole, <i>Microchirus variegatus</i> , in the Bay of Biscay (France). <i>Environmental Biology of Fishes</i> , <b>1998</b> , 53, 193-209	1.6	22
62	Inter-season and interannual variations in fish and macrocrustacean community structure on a eastern English Channel sandy beach: Influence of environmental factors. <i>Estuarine, Coastal and Shelf Science</i> , <b>2008</b> , 77, 721-730	2.9	22
61	Taille et âge au début de la métamorphose chez la sole ( <i>Solea solea</i> (L.)) du golfe de Gascogne. <i>ICES Journal of Marine Science</i> , <b>1995</b> , 52, 247-256	2.7	22
60	Growth and condition of juvenile sole ( <i>Solea solea</i> L.) as indicators of habitat quality in coastal and estuarine nurseries in the Bay of Biscay with a focus on sites exposed to Erika oil spill. <i>Scientia Marina</i> , <b>2006</b> , 70, 183-192	1.8	22
59	Former uranium mine-induced effects in caged roach: a multiparametric approach for the evaluation of in situ metal toxicity. <i>Ecotoxicology</i> , <b>2015</b> , 24, 215-31	2.9	21
58	Seasonal distribution and duration of the planktonic stage of Dover sole, <i>Solea solea</i> , larvae in the Bay of Biscay: an hypothesis. <i>Journal of Fish Biology</i> , <b>1993</b> , 43, 17-30	1.9	21
57	A multibiomarker approach in juvenile turbot, <i>Scophthalmus maximus</i> , exposed to contaminated sediments. <i>Ecotoxicology and Environmental Safety</i> , <b>2012</b> , 80, 45-53	7	20
56	Harbour porpoises ( <i>Phocoena phocoena</i> ) stranded along the southern North Sea: an assessment through metallic contamination. <i>Environmental Research</i> , <b>2014</b> , 133, 266-73	7.9	19
55	0-group flatfish growth conditions on a nursery ground (Bay of Canche, Eastern English Channel). <i>Hydrobiologia</i> , <b>2004</b> , 518, 23-32	2.4	19
54	Growth, feeding and distribution of the solenette <i>Buglossidium luteum</i> with particular reference to its habitat preference. <i>Journal of Sea Research</i> , <b>2004</b> , 51, 211-217	1.9	18
53	Concentrations and Potential Human Health Risks of Trace Metals (Cd, Pb, Hg) and Selected Organic Pollutants (PAHs, PCBs) in Fish and Seafood from the Senegalese Coast. <i>International Journal of Environmental Research</i> , <b>2017</b> , 11, 349-358	2.9	17
52	Mercury concentrations in the coastal marine food web along the Senegalese coast. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 11975-84	5.1	17
51	Are biochemical biomarker responses related to physiological performance of juvenile sea bass ( <i>Dicentrarchus labrax</i> ) and turbot ( <i>Scophthalmus maximus</i> ) caged in a polluted harbour?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2011</b> , 154, 187-95	3.2	17
50	Spatial and seasonal variations of trace elements concentrations in liver and muscle of round Sardinelle ( <i>Sardinella aurita</i> ) and Senegalese sole ( <i>Solea senegalensis</i> ) along the Senegalese coast. <i>Chemosphere</i> , <b>2016</b> , 144, 758-66	8.4	16
49	Assessment of freshness and freeze-thawing of sea bream fillets ( <i>Sparus aurata</i> ) by a cytosolic enzyme: Lactate dehydrogenase. <i>Food Chemistry</i> , <b>2016</b> , 210, 428-34	8.5	14
48	Assessment of the European flounder responses to chemical stress in the English Channel, considering biomarkers and life history traits. <i>Marine Pollution Bulletin</i> , <b>2015</b> , 95, 634-45	6.7	13
47	Insights on stock structure of round sardinella <i>Sardinella aurita</i> off north-west Africa based on otolith shape analysis. <i>Journal of Fish Biology</i> , <b>2016</b> , 89, 2153-2166	1.9	13

46	Effects of nitrogen limitation on growth and nitrite excretion rates of the dinoflagellate <i>Prorocentrum minimum</i> . <i>Marine Ecology - Progress Series</i> , <b>1994</b> , 105, 301-309	2.6	13
45	Directional bilateral asymmetry in otolith morphology may affect fish stock discrimination based on otolith shape analysis. <i>ICES Journal of Marine Science</i> , <b>2019</b> , 76, 232-243	2.7	13
44	Effect of starvation on condition and growth of juvenile plaice <i>Pleuronectes platessa</i> : nursery habitat quality assessment during the settlement period. <i>Journal of the Marine Biological Association of the United Kingdom</i> , <b>2013</b> , 93, 479-488	1.1	12
43	Juvenile fish caging as a tool for assessing microplastics contamination in estuarine fish nursery grounds. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 3548-3559	5.1	12
42	Evidence for population complexity of the European anchovy ( <i>Engraulis encrasicolus</i> ) along its distributional range. <i>Fisheries Research</i> , <b>2015</b> , 168, 109-116	2.3	11
41	Use of otolith-shape analysis for stock discrimination of Boops boops along the Algerian coast (southwestern Mediterranean Sea). <i>African Journal of Marine Science</i> , <b>2017</b> , 39, 251-258	0.8	11
40	Forecasting climate-driven changes in the geographical range of the European anchovy ( <i>Engraulis encrasicolus</i> ). <i>ICES Journal of Marine Science</i> , <b>2017</b> , 74, 1288-1299	2.7	10
39	Nematodes parasitizing <i>Trachurus trachurus</i> (L.) and <i>Boops boops</i> (L.) from Algeria. <i>Parasitology Research</i> , <b>2015</b> , 114, 4059-68	2.4	10
38	Inter-cohort differences in growth, condition and feeding of juvenile anchovy ( <i>Engraulis encrasicolus</i> ) in the Gulf of Bjaia (Algerian coast, SW Mediterranean): Implications for recruitment success. <i>Fisheries Research</i> , <b>2012</b> , 129-130, 73-81	2.3	10
37	Comparison of macrobenthic assemblages of three fish estuarine nurseries and their importance as foraging grounds. <i>Journal of the Marine Biological Association of the United Kingdom</i> , <b>2012</b> , 92, 85-97	1.1	9
36	The use of mussels for mitigating the noxious effect of phytoplankton spring blooms on farmed fish. <i>Aquacultural Engineering</i> , <b>2015</b> , 66, 52-61	3	8
35	Seasonal and Spatial Variability of Trace Elements in Livers and Muscles of Three Fish Species from the Eastern Mediterranean. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 12428-12438	5.1	8
34	Metal concentrations, growth and condition indices in European juvenile flounder ( <i>Platichthys flesus</i> ) relative to sediment contamination levels in four Eastern English Channel estuaries. <i>Journal of Environmental Monitoring</i> , <b>2012</b> , 14, 3211-9		8
33	Growth performances of juvenile sole <i>Solea solea</i> under environmental constraints of embayed nursery areas. <i>Aquatic Living Resources</i> , <b>2007</b> , 20, 213-221	1.5	8
32	Are Estuarine Fish Opportunistic Feeders? The Case of a Low Anthropized Nursery Ground (the Canche Estuary, France). <i>Estuaries and Coasts</i> , <b>2015</b> , 38, 252-267	2.8	7
31	Do environmental conditions (temperature and food composition) affect otolith shape during fish early-juvenile phase? An experimental approach applied to European Seabass ( <i>Dicentrarchus labrax</i> ). <i>Journal of Experimental Marine Biology and Ecology</i> , <b>2019</b> , 521, 151239	2.1	7
30	Coupling caging and proteomics on the European flounder ( <i>Platichthys flesus</i> ) to assess the estuarine water quality at micro scale. <i>Science of the Total Environment</i> , <b>2019</b> , 695, 133760	10.2	6
29	Do transparent exopolymeric particles (TEP) derived from <i>Phaeocystis globosa</i> bloom impact the physiological performances of European sea bass juveniles. <i>Aquaculture</i> , <b>2013</b> , 414-415, 149-154	4.4	6

28	Spawning period of Senegal sole, <i>Solea senegalensis</i> , based on juvenile otolith microstructure. <i>Journal of Sea Research</i> , <b>2013</b> , 76, 89-93	1.9	6
27	Multi-approach analysis to assess diet of harbour porpoises <i>Phocoena phocoena</i> in the southern North Sea. <i>Marine Ecology - Progress Series</i> , <b>2017</b> , 563, 249-259	2.6	6
26	Testing the vulnerability of juvenile sea bass ( <i>Dicentrarchus labrax</i> ) exposed to the harmful algal bloom (HAB) species <i>Pseudo-nitzschia delicatissima</i> . <i>Aquaculture</i> , <b>2015</b> , 437, 167-174	4.4	5
25	Coastal eutrophication as a potential driver of functional homogenization of copepod species assemblages in the Mediterranean Sea. <i>Ecological Indicators</i> , <b>2020</b> , 115, 106388	5.8	5
24	Effects of chemical stress and food limitation on the energy reserves and growth of turbot, <i>Scophthalmus maximus</i> . <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 13488-95	5.1	5
23	Structure and spatio-temporal dynamics of the artisanal small-scale fisheries at the future MPA of <i>âzaâ</i> (Algerian coast, SW Mediterranean). <i>Mediterranean Marine Science</i> , <b>2019</b> , 19, 555	2.7	5
22	Fish assemblage structure in shallow waters of the Mellah Lagoon (Algeria): Seasonal and spatial distribution patterns and relation to environmental parameters. <i>Acta Ichthyologica Et Piscatoria</i> , <b>2017</b> , 47, 133-144	1.8	5
21	Assessment of trace element contamination and bioaccumulation in algae ( <i>Ulva lactuca</i> ), bivalves ( <i>Spondylus spinosus</i> ) and shrimps ( <i>Marsupenaeus japonicus</i> ) from the Lebanese coast. <i>Regional Studies in Marine Science</i> , <b>2020</b> , 39, 101478	1.5	5
20	The Senegalese Coastal and Marine Environment <b>2019</b> , 855-873		5
19	Toward a routine methodology for speciation analysis of methylmercury in fishery products by HPLC coupled to ICP-MS following the validation based on the accuracy profile approach. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2020</b> , 1-14	1.8	4
18	A scanning electron microscopy study of <i>Argulus vittatus</i> (Rafinesque-Schmaltz, 1814) (Crustacea: Branchiura) from Algerian coast. <i>Parasitology Research</i> , <b>2014</b> , 113, 2265-76	2.4	4
17	Organochlorines in harbour porpoises ( <i>Phocoena phocoena</i> ) stranded along the southern North Sea between 2010 and 2013. <i>Environmental Sciences: Processes and Impacts</i> , <b>2014</b> , 16, 2774-81	4.3	4
16	Characterization of purse seine fishery of Ziama Bay (Gulf of Bjaia, SW Mediterranean): Implications for sustainability management. <i>Ocean and Coastal Management</i> , <b>2019</b> , 175, 79-89	3.9	3
15	Anomalous otoliths in juveniles of common sole, <i>Solea solea</i> , and Senegal sole, <i>Solea senegalensis</i> . <i>Marine Biology Research</i> , <b>2014</b> , 10, 523-529	1	3
14	Effects of food limitation on 9 metal concentrations in liver and polycyclic aromatic hydrocarbon metabolites in bile of juvenile turbot ( <i>Scophthalmus maximus</i> ) previously exposed to contaminated sediments. <i>Environmental Toxicology and Chemistry</i> , <b>2013</b> , 32, 2552-7	3.8	3
13	Directional Bilateral Asymmetry in Fish Otolith: A Potential Tool to Evaluate Stock Boundaries?. <i>Symmetry</i> , <b>2021</b> , 13, 987	2.7	3
12	An Integrated Biomarker Approach Using Flounder to Improve Chemical Risk Assessments in the Heavily Polluted Seine Estuary. <i>Journal of Xenobiotics</i> , <b>2020</b> , 10, 14-35	1	2
11	Floating Marine Litter in Eastern Mediterranean From Macro to Microplastics: The Lebanese Coastal Area as a Case Study. <i>Frontiers in Environmental Science</i> , <b>2021</b> , 9,	4.8	2

10	Concentrations of lead, cadmium and mercury in sardines, <i>Sardina pilchardus</i> (Walbaum, 1792) from the Algerian coast and health risks for consumers. <i>Journal of Food Composition and Analysis</i> , <b>2022</b> , 109, 104490	4.1	2
9	Environmental control on fish and macrocrustacean spring community-structure, on an intertidal sandy beach. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117220	3.7	1
8	Impact de la pollution sur les écosystèmes côtiers: exemple de la Manche orientale. <i>VertigO: La Revue Electronique En Sciences De L'environnement</i> , <b>2011</b> ,	0.7	1
7	Vertical distribution and feeding activity of metamorphosing sole, <i>Solea solea</i> , before immigration to the Bay of Vilaine nursery (northern Bay of Biscay, France). <i>Developments in Environmental Biology of Fishes</i> , <b>1998</b> , 213-228		1
6	Structure and seasonal variability in fish food webs in a small macrotidal estuary (Canche estuary, Eastern English Channel) based on stable carbon and nitrogen isotope analysis. <i>Regional Studies in Marine Science</i> , <b>2021</b> , 44, 101694	1.5	1
5	Baseline data for marine protected areas planning and fisheries monitoring: Potential conflicts between recreational IUU and commercial fisheries in the proposed "Maza" MPA (Algeria, SW Mediterranean). <i>Ocean and Coastal Management</i> , <b>2021</b> , 201, 105425	3.9	1
4	Seasonal distribution and duration of the planktonic stage of Dover sole, <i>Solea solea</i> , larvae in the Bay of Biscay: an hypothesis		1
3	Social-ecological dimensions of Marine Protected Areas and coastal fishing: How fishermen's local ecological knowledge can inform fisheries management at the future "Maza" MPA (Algeria, SW Mediterranean). <i>Ocean and Coastal Management</i> , <b>2022</b> , 221, 106121	3.9	1
2	Concentrations of lead, cadmium, and mercury in <i>Mullus barbatus barbatus</i> (L.) from the Algerian coast and health risks associated to its consumption. <i>Regional Studies in Marine Science</i> , <b>2021</b> , 47, 101959	1.5	0
1	Impacts of chemical stress, season, and climate change on the flounder population of the highly anthropised Seine estuary (France).. <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1	5.1	0