

# Mercedes R González-Wang<sup>1/4</sup>emert

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2709045/publications.pdf>

Version: 2024-02-01

59  
papers

1,258  
citations

304743

22  
h-index

414414

32  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1218  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of fishing protection on the genetic structure of fish populations. <i>Biological Conservation</i> , 2006, 129, 244-255.	4.1	91
2	Phylogeography of the Atlanto-Mediterranean sea cucumber <i>Holothuria (Holothuria) mammata</i> : the combined effects of historical processes and current oceanographical pattern. <i>Molecular Ecology</i> , 2011, 20, 1964-1975.	3.9	69
3	The fast development of sea cucumber fisheries in the Mediterranean and NE Atlantic waters: From a new marine resource to its over-exploitation. <i>Ocean and Coastal Management</i> , 2018, 151, 165-177.	4.4	63
4	Assessment of sea cucumber populations from the Aegean Sea (Turkey): First insights to sustainable management of new fisheries. <i>Ocean and Coastal Management</i> , 2014, 92, 87-94.	4.4	60
5	Modelling spatial and temporal scales for spill-over and biomass exportation from MPAs and their potential for fisheries enhancement. <i>Journal for Nature Conservation</i> , 2008, 16, 234-255.	1.8	48
6	Genetic diversity and connectivity remain high in <i>Holothuria polii</i> (Delle Chiaje 1823) across a coastal lagoon-open sea environmental gradient. <i>Genetica</i> , 2010, 138, 895-906.	1.1	41
7	Effects of fishery protection on biometry and genetic structure of two target sea cucumber species from the Mediterranean Sea. <i>Hydrobiologia</i> , 2015, 743, 65-74.	2.0	38
8	Setting preliminary biometric baselines for new target sea cucumbers species of the NE Atlantic and Mediterranean fisheries. <i>Fisheries Research</i> , 2016, 179, 57-66.	1.7	37
9	Genetic differentiation of <i>Diplodus sargus</i> (Pisces: Sparidae) populations in the south-west Mediterranean. <i>Biological Journal of the Linnean Society</i> , 2004, 82, 249-261.	1.6	35
10	Molecular systematics of the genus <i>Holothuria</i> in the Mediterranean and Northeastern Atlantic and a molecular clock for the diversification of the <i>Holothuriidae</i> (Echinodermata: <i>Holothuroidea</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 899-906.	2.7	35
11	Connectivity patterns inferred from the genetic structure of white seabream ( <i>Diplodus sargus</i> L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 383, 23-31.	1.5	33
12	Genetic and oceanographic tools reveal high population connectivity and diversity in the endangered pen shell <i>Pinna nobilis</i> . <i>Scientific Reports</i> , 2018, 8, 4770.	3.3	31
13	Sea cucumbers, <i>Holothuria arguinensis</i> and <i>H. mammata</i> , from the southern Iberian Peninsula: Variation in reproductive activity between populations from different habitats. <i>Fisheries Research</i> , 2017, 191, 120-130.	1.7	29
14	First report of the nutritional profile and antioxidant potential of <i>Holothuria arguinensis</i> , a new resource for aquaculture in Europe. <i>Natural Product Research</i> , 2016, 30, 2034-2040.	1.8	28
15	Temporal genetic variation in populations of <i>Diplodus sargus</i> from the SW Mediterranean Sea. <i>Marine Ecology - Progress Series</i> , 2007, 334, 237-244.	1.9	28
16	The taxonomic status of some Atlanto-Mediterranean species in the subgenus <i>Holothuria</i> (Echinodermata: <i>Holothuroidea</i> : <i>Holothuriidae</i> ) based on molecular evidence. <i>Zoological Journal of the Linnean Society</i> , 2009, 157, 51-69.	2.3	26
17	Phosphoglucose isomerase variability of <i>Cerastoderma glaucum</i> as a model for testing the influence of environmental conditions and dispersal patterns through quantitative ecology approaches. <i>Biochemical Systematics and Ecology</i> , 2009, 37, 325-333.	1.3	25
18	Spatial distribution patterns and movements of <i>Holothuria arguinensis</i> in the Ria Formosa (Portugal). <i>Journal of Sea Research</i> , 2015, 102, 33-40.	1.6	25

#	ARTICLE	IF	CITATIONS
19	A new record of <i>Holothuria arguinensis</i> colonizing the Mediterranean Sea. <i>Marine Biodiversity Records</i> , 2012, 5, .	1.2	24
20	West <i>versus</i> East Mediterranean Sea: origin and genetic differentiation of the sea cucumber <i>Holothuria polii</i> . <i>Marine Ecology</i> , 2015, 36, 485-495.	1.1	24
21	Genetic differentiation of <i>Elysia timida</i> (Risso, 1818) populations in the Southwest Mediterranean and Mar Menor coastal lagoon. <i>Biochemical Systematics and Ecology</i> , 2006, 34, 514-527.	1.3	23
22	Phylogeographical history of the white seabream <i>Diplodus sargus</i> (Sparidae): Implications for insularity. <i>Marine Biology Research</i> , 2011, 7, 250-260.	0.7	23
23	In two waters: contemporary evolution of lagoonal and marine white seabream ( <i>Diplodus</i> ). <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 463, 158-167.	1.5	23
24	Breeding and larval development of <i>Holothuria mammata</i> , a new target species for aquaculture. <i>Aquaculture Research</i> , 2018, 49, 1430-1440.	1.8	21
25	Small-scale genetic structure of <i>Cerastoderma glaucum</i> in a lagoonal environment: potential significance of habitat discontinuity and unstable population dynamics. <i>Journal of Molluscan Studies</i> , 2013, 79, 230-240.	1.2	20
26	Genetic diversity across geographical scales in marine coastal ecosystems: <i>Holothuria arguinensis</i> a model species. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 463, 158-167.	1.5	19
27	Habitat associations and seasonal abundance patterns of the sea cucumber <i>Holothuria arguinensis</i> at Ria Formosa coastal lagoon (South Portugal). <i>Aquatic Ecology</i> , 2020, 54, 337-354.	1.5	19
28	A mitochondrial DNA based phylogeny of weakfish species of the <i>Cynoscion</i> group (Pisces: Sciaenidae). <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 602-607.	2.7	18
29	Genetic considerations on the introduction of farmed fish in marine protected areas: The case of study of white seabream restocking in the Gulf of Castellammare (Southern Tyrrhenian Sea). <i>Journal of Sea Research</i> , 2012, 68, 41-48.	1.6	18
30	Environmental variables, habitat discontinuity and life history shaping the genetic structure of <i>Pomatoschistus marmoratus</i> . <i>Helgoland Marine Research</i> , 2014, 68, 357-371.	1.3	18
31	Multilocus genetic analyses provide insight into speciation and hybridization in aquatic grasses, genus <i>Ruppia</i> . <i>Biological Journal of the Linnean Society</i> , 2016, 117, 177-191.	1.6	18
32	A new insight into the influence of habitat on the biochemical properties of three commercial sea cucumber species. <i>International Aquatic Research</i> , 2018, 10, 361-373.	1.5	18
33	Do hatchery-reared sea urchins pose a threat to genetic diversity in wild populations?. <i>Heredity</i> , 2016, 116, 378-383.	2.6	17
34	Allozyme and mtDNA variation of white seabream <i>Diplodus sargus</i> populations in a transition area between western and eastern Mediterranean basins (Siculo-Tunisian Strait). <i>African Journal of Marine Science</i> , 2011, 33, 79-90.	1.1	16
35	High gene flow promotes the genetic homogeneity of the fish goby <i>Pomatoschistus marmoratus</i> (Risso, 1810) from Mar Menor coastal lagoon and adjacent marine waters (Spain). <i>Marine Ecology</i> , 2010, 31, 270-275.	1.1	15
36	Assessment of <i>Holothuria arguinensis</i> feeding rate, growth and absorption efficiency under aquaculture conditions. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2019, 53, 60-76.	2.0	15

#	ARTICLE	IF	CITATIONS
37	New insights into the genetic diversity of zooxanthellae in Mediterranean anthozoans. <i>Symbiosis</i> , 2014, 63, 41-46.	2.3	14
38	Highly polymorphic microsatellite markers for the Mediterranean endemic fan mussel <i>Pinna nobilis</i> . <i>Mediterranean Marine Science</i> , 2015, 16, 31.	1.6	13
39	Genetic differentiation and gene flow of two sparidae subspecies, <i>Diplodus sargus sargus</i> and <i>Diplodus sargus cadenati</i> in Atlantic and south-west Mediterranean populations. <i>Biological Journal of the Linnean Society</i> , 2006, 89, 705-717.	1.6	12
40	Genetic diversity and gene flow of the threatened Brazilian endemic parrotfish <i>Scarus trispinosus</i> (Valenciennes, 1840). <i>Marine Environmental Research</i> , 2018, 142, 155-162.	2.5	12
41	Estimation of growth parameters for the exploited sea cucumber <i>Holothuria arguinensis</i> from South Portugal. <i>Fishery Bulletin</i> , 2018, 116, 1-8.	0.2	12
42	Genetic signature of a recent invasion: The ragged sea hare <i>Bursatella leachii</i> in Mar Menor (SE Spain). <i>Biochemical Systematics and Ecology</i> , 2014, 54, 123-129.	1.3	11
43	First record of the Atlantic blue crab <i>Callinectes sapidus</i> (Crustacea: Brachyura: Portunidae) in the Segura River mouth (Spain, southwestern Mediterranean Sea). <i>Turkish Journal of Zoology</i> , 2016, 40, 615-619.	0.9	10
44	ENiRG: Râ€GRASS interface for efficiently characterizing the ecological niche of species and predicting habitat suitability. <i>Ecography</i> , 2016, 39, 593-598.	4.5	9
45	Gene pool and connectivity patterns of <i>Pinna nobilis</i> in the Balearic Islands (Spain, Western) <i>Tj ETQq1 1 0.784314 rgBT /Overlo</i> <i>Marine and Freshwater Ecosystems</i> , 2019, 29, 175-188.	2.0	9
46	Spatial Patterns of Genetic Diversity in Mediterranean Eagle Owl <i>Bubo bubo</i> Populations. <i>Ardeola</i> , 2014, 61, 45-62.	0.7	8
47	Does space matter? Optimizing stocking density of <i>Holothuria arguinensis</i> and <i>Holothuria mammata</i> . <i>Aquaculture Research</i> , 2018, 49, 3107-3115.	1.8	8
48	Genetic Evidence for Polygynandry in the Black-Striped Pipefish <i>Syngnathus abaster</i> : A Microsatellite-Based Parentage Analysis. <i>Journal of Heredity</i> , 2013, 104, 791-797.	2.4	6
49	Do the crabs <i>Goniopsis cruentata</i> and <i>Ucides cordatus</i> compete for mangrove propagules? A field-based experimental approach. <i>Hydrobiologia</i> , 2015, 757, 117-128.	2.0	6
50	Novel polymorphic microsatellite loci for a new target species, the sea cucumber <i>Holothuria mammata</i> . <i>Biochemical Systematics and Ecology</i> , 2016, 66, 109-113.	1.3	6
51	Improving the fitness of <i>Holothuria arguinensis</i> larvae through different microalgae diets. <i>Aquaculture Research</i> , 2019, 50, 3130-3137.	1.8	6
52	Seagrass debris as potential food source to enhance <i>Holothuria arguinensis</i> ' growth in aquaculture. <i>Aquaculture Research</i> , 2020, 51, 1487-1499.	1.8	6
53	Preliminary analysis of the genetic variability of two natural beds of the Scallop <i>Euvola ziczac</i> (Linnaeus, 1758) in Brazil. <i>Brazilian Archives of Biology and Technology</i> , 2000, 43, 235-240.	0.5	5
54	<i>Bursatella leachii</i> from Mar Menor as a Source of Bioactive Molecules: Preliminary Evaluation of the Nutritional Profile, <i>In Vitro</i> Biological Activities, and Fatty Acids Contents. <i>Journal of Aquatic Food Product Technology</i> , 2017, 26, 1337-1350.	1.4	5

#	ARTICLE	IF	CITATIONS
55	Population genetics of <i>Cerastoderma edule</i> in Ria Formosa (southern Portugal): the challenge of understanding an intraspecific hotspot of genetic diversity. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, 95, 371-379.	0.8	3
56	Identification of weakfish <i>Cynoscion</i> (Gill) in the Bay of Panama with RFLP markers. <i>Journal of Fish Biology</i> , 2009, 75, 1101-1107.	1.6	2
57	Characterization of 10 new tetranucleotide microsatellite markers for the European eagle owl, <i>Bubo bubo</i> : Useful tools for conservation strategies. <i>Biochemical Systematics and Ecology</i> , 2015, 63, 109-112.	1.3	2
58	New records of sea cucumbers inhabiting Mar Menor coastal lagoon (SE Spain). <i>Marine Biodiversity</i> , 2018, 48, 2177-2182.	1.0	1
59	Aquaculture in the Alboran Sea. , 2021, , 659-706.		1