Yaisel J Borrell Pichs

List of Publications by Year
in descending order

78 papers	1,689 citations	236925 25 h-index	330143 37 g-index
80 all docs	80 docs citations	80 times ranked	2143 citing authors

#	Article	IF	Citations
1	Isolation and identification of microalgal strains with potential as carotenoids producers from a municipal solid waste landfill. Science of the Total Environment, 2022, 802, 149755.	8.0	4
2	Coping with poachers in European stalked barnacle fisheries: Insights from a stakeholder workshop. Marine Policy, 2022, 135, 104826.	3.2	4
3	Understanding public perceptions toward invasive species in different parts of Europe. Journal of Environmental Planning and Management, 2022, 65, 2257-2275.	4.5	10
4	Genetic monitoring of the declining European stony sea urchin Paracentrotus lividus from the central Bay of Biscay (Asturias, northwest Spain) and attempts to restore its wild populations. Aquatic Conservation: Marine and Freshwater Ecosystems, 2022, 32, 309-328.	2.0	3
5	Chaotic Genetic Patchiness in the Highly Valued Atlantic Stalked Barnacle Pollicipes pollicipes From the Iberian Peninsula: Implications for Fisheries Management. Frontiers in Marine Science, 2022, 9, .	2.5	2
6	Flotsam, an overlooked vector of alien dispersal from ports. Estuarine, Coastal and Shelf Science, 2022, 271, 107879.	2.1	7
7	Almost never you get what you pay for: Widespread mislabeling of commercial â€œzamburiÃ±asâ€•in northern Spain. Food Control, 2021, 120, 107541.	5.5	8
8	DNA barcoding-based assessment of the invasive and native non-crustose Codium species in the central Cantabrian Sea, southern Bay of Biscay. Botanica Marina, 2021, 64, 49-54.	1.2	0
9	Mitochondrial DNA analysis reveals gene drift and structuring in the declining European piddock Pholas dactylus (L., 1758) confirming high vulnerability. Regional Studies in Marine Science, 2021, 43, 101688.	0.7	0
10	â€œIf You Know the Enemy and Know Yourselfâ€• Addressing the Problem of Biological Invasions in Ports Through a New NIS Invasion Threat Score, Routine Monitoring, and Preventive Action Plans. Frontiers in Marine Science, 2021, 8, .	2.5	20
11	Whaling tradition along the Cantabrian coast: public perception towards cetaceans and its importance for marine conservation. Biodiversity and Conservation, 2021, 30, 2125-2143.	2.6	1
12	Sustainable Sea: A board game for engaging students in sustainable fisheries management. Applied Environmental Education and Communication, 2021, 20, 406-421.	1.1	8
13	Building on gAMBI in ports for a challenging biological invasions scenario: Blue-gNIS as a proof of concept. Marine Environmental Research, 2021, 169, 105340.	2.5	4
14	Boosting adults scientific literacy with experiential learning practices. European Journal for Research on the Education and Learning of Adults, 2021, 12, 223-238.	1.1	2
15	Find invasive seaweed: An outdoor game to engage children in science activities that detect marine biological invasion. Journal of Environmental Education, 2020, 51, 335-346.	1.8	9
16	Perspectives on the marine environment and biodiversity in recreational ports: The marina of Gijon as a case study. Marine Pollution Bulletin, 2020, 160, 111645.	5.0	11
17	Nuisance Algae in Ballast Water Facing International Conventions. Insights from DNA Metabarcoding in Ships Arriving in Bay of Biscay. Water (Switzerland), 2020, 12, 2168.	2.7	13
18	Lab experience with seafood control at the undergraduate level: Cephalopods as a case study. Biochemistry and Molecular Biology Education, 2020, 48, 236-246.	1.2	6

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19	Bioremediation as a promising strategy for microplastics removal in wastewater treatment plants. Marine Pollution Bulletin, 2020, 156, 111252.	5.0	81
20	Integrative taxonomy reveals the occurrence of the Asian freshwater snail Sinotaia cf. quadrata in inland waters of SW Europe. Aquatic Invasions, 2020, 15, 616-632.	1.6	5
21	Contrasting seasonal and spatial distribution of native and invasive Codium seaweed revealed by targeting speciesâ€specific eDNA. Ecology and Evolution, 2019, 9, 8567-8579.	1.9	11
22	Development and validation of eDNA markers for the detection of Crepidula fornicata in environmental samples. Marine Pollution Bulletin, 2019, 146, 827-830.	5.0	17
23	Dispersal of alien invasive species on anthropogenic litter from European mariculture areas. Marine Pollution Bulletin, 2018, 131, 10-16.	5.0	53
24	Citizen warnings and post checkout molecular confirmations using eDNA as a combined strategy for updating invasive species distributions. Journal for Nature Conservation, 2018, 43, 95-103.	1.8	8
25	Metabarcoding and post-sampling strategies to discover non-indigenous species: A case study in the estuaries of the central south Bay of Biscay. Journal for Nature Conservation, 2018, 42, 67-74.	1.8	15
26	Psolus rufus, a new species of sea cucumber (Holothuroidea: Psolidae) from northern Spain (Bay of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	3
27	Travelling light: Fouling biota on macroplastics arriving on beaches of remote Rapa Nui (Easter) Tj ETQq1 1 0.784314 rgBT /Overlock 10	5.0	53
28	Evaluating freshwater macroinvertebrates from eDNA metabarcoding: A river NalÃ³n case study. PLoS ONE, 2018, 13, e0201741.	2.5	55
29	Anthropogenic marine litter composition in coastal areas may be a predictor of potentially invasive rafting fauna. PLoS ONE, 2018, 13, e0191859.	2.5	63
30	On the way for detecting and quantifying elusive species in the sea: The Octopus vulgaris case study. Fisheries Research, 2017, 191, 41-48.	1.7	35
31	SNP-based PCR-RFLP, T-RFLP and FINS methodologies for the identification of commercial fish species in Egypt. Fisheries Research, 2017, 185, 34-42.	1.7	12
32	Novel tools for early detection of a global aquatic invasive, the zebra mussel Dreissena polymorpha. Aquatic Conservation: Marine and Freshwater Ecosystems, 2017, 27, 165-176.	2.0	25
33	DNA in a bottleâ€"Rapid metabarcoding survey for early alerts of invasive species in ports. PLoS ONE, 2017, 12, e0183347.	2.5	87
34	Molecular barcoding confirms the presence of exotic Asian seaweeds (<i>Pachymeniopsis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td	2.0	10
35	Developing innovative methods to face aquatic invasions in Europe: the Aquainvad-ED project. Management of Biological Invasions, 2017, 8, 403-408.	1.2	2
36	Food control and a citizen science approach for improving teaching of Genetics in universities. Biochemistry and Molecular Biology Education, 2016, 44, 450-462.	1.2	14

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37	Genetic assessment of three gilthead sea bream (Sparus aurata L.) populations along the Spanish coast and of three broodstocks managements. Aquaculture International, 2016, 24, 1409-1420.	2.2	10
38	Detection and characterisation of the biopollutant Xenostrobus securis (Lamarck 1819) Asturian population from DNA Barcoding and eBarcoding. Marine Pollution Bulletin, 2016, 105, 23-29.	5.0	31
39	Marine litter as a vector for non-native species: What we need to know. Marine Pollution Bulletin, 2016, 113, 40-43.	5.0	111
40	Barcodes of marine invertebrates from north Iberian ports: Native diversity and resistance to biological invasions. Marine Pollution Bulletin, 2016, 112, 183-188.	5.0	49
41	Assessing the geographic scale of genetic population management with microsatellites and introns in the clam Ruditapes decussatus. Ecology and Evolution, 2016, 6, 3380-3404.	1.9	12
42	Morphological and molecular methods reveal the Asian alga Grateloupia imbricata (Halymeniaceae) occurs on Cantabrian Sea shores (Bay of Biscay). Phycologia, 2016, 55, 365-370.	1.4	15
43	Population genetic structure of the European conger (Conger conger) in North East Atlantic and West Mediterranean Sea. Fisheries Research, 2016, 174, 245-249.	1.7	5
44	PCR-based assessment of shellfish traceability and sustainability in international Mediterranean seafood markets. Food Chemistry, 2016, 202, 302-308.	8.2	21
45	DNA barcoding for assessment of exotic molluscs associated with maritime ports in northern Iberia. Marine Biology Research, 2016, 12, 168-176.	0.7	37
46	VY6, a Î²-lactoglobulin-derived peptide, altered metabolic lipid pathways in the zebra fish liver. Food and Function, 2016, 7, 1968-1974.	4.6	4
47	A case study for assessing fish traceability in Egyptian aquafeed formulations using pyrosequencing and metabarcoding. Fisheries Research, 2016, 174, 143-150.	1.7	32
48	Towards more sustainable surimi? PCR-cloning approach for DNA barcoding reveals the use of species of low trophic level and aquaculture in Asian surimi. Food Control, 2016, 61, 62-69.	5.5	30
49	Genetic diversity and connectivity patterns of harvested and aquacultured molluscs in estuaries from Asturias (northern Spain). Implications for management strategies. Aquaculture Research, 2016, 47, 2937-2950.	1.8	15
50	Genetic parameters and genotype-environment interactions for skeleton deformities and growth traits at different ages on gilthead seabream (Sparus aurataL.) in four Spanish regions. Animal Genetics, 2015, 46, 164-174.	1.7	30
51	Detecting nuisance species using NGST: Methodology shortcomings and possible application in ballast water monitoring. Marine Environmental Research, 2015, 112, 64-72.	2.5	41
52	Environmental DNA evidence of transfer of North Sea molluscs across tropical waters through ballast water. Journal of Molluscan Studies, 2015, 81, 495-501.	1.2	44
53	Response of top shell assemblages to cyclogenesis disturbances. A case study in the Bay of Biscay. Marine Environmental Research, 2015, 112, 2-10.	2.5	5
54	Impacts of supplementation aquaculture on the genetic diversity of wild Ruditapes decussatus from northern Spain. Aquaculture Environment Interactions, 2015, 6, 241-254.	1.8	23

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55	Larval width as indicator of growth rate and effect of larval classification on final body composition and flesh quality in cultured gilthead seabream (Sparus aurata , L.). Journal of Applied Ichthyology, 2014, 30, 300-306.	0.7	2
56	Microsatellites and multiplex PCRs for assessing aquaculture practices of the grooved carpet shell Ruditapes decussatus in Spain. Aquaculture, 2014, 426-427, 49-59.	3.5	32
57	DNA barcoding reveals a high level of mislabeling in Egyptian fish fillets. Food Control, 2014, 46, 441-445.	5.5	84
58	Possible effects of vaccination and environmental changes on the presence of disease in northern Spanish fish farms. Aquaculture, 2014, 431, 118-123.	3.5	8
59	Development of the first standardised panel of two new microsatellite multiplex <scp>PCR</scp>s for gilthead seabream (Sparus aurata L.). Animal Genetics, 2013, 44, 533-546.	1.7	35
60	Mitochondrial DNA and microsatellite genetic differentiation in the European anchovy Engraulis encrasicolus L.. ICES Journal of Marine Science, 2012, 69, 1357-1371.	2.5	35
61	A parentage study using microsatellite loci in a pilot project for aquaculture of the European anchovy Engraulis encrasicolus L.. Aquaculture, 2011, 310, 305-311.	3.5	23
62	Assessment of parental contributions to fast- and slow-growing progenies in the sea bream Sparus aurata L. using a new multiplex PCR. Aquaculture, 2011, 314, 58-65.	3.5	32
63	Heterozygosityâ€“fitness correlations in the gilthead sea breamSparus auratausing microsatellite loci from unknown and geneâ€rich genomic locations. Journal of Fish Biology, 2011, 79, 1111-1129.	1.6	12
64	Spatial and temporal variation of genetic diversity and estimation of effective population sizes in Atlantic salmon (Salmo salar, L.) populations from Asturias (Northern Spain) using microsatellites. Conservation Genetics, 2008, 9, 807-819.	1.5	12
65	Assessing the spawning season in common dentex (Dentex dentex) using microsatellites. Aquaculture Research, 2008, 39, 1258-1267.	1.8	9
66	Effects of Echerichia coli lipopolysaccharides and dissolved ammonia on immune response in southern white shrimp Litopenaeus schmitti. Aquaculture, 2008, 274, 118-125.	3.5	46
67	Microsatellites-based genetic analysis of the Lophiidae fish in Europe. Marine and Freshwater Research, 2008, 59, 865.	1.3	4
68	Use of microsatellites and a combinatorial optimization approach in the acquisition of gilthead seabream (Sparus aurata L.) broodstocks for hatcheries. Aquaculture, 2007, 269, 200-210.	3.5	23
69	The use of microsatellites for optimizing broodstocks in a hatchery of gilthead seabream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overloc	3.5	4
70	Spatial and temporal genetic analysis of the Cuban white shrimp Penaeus (Litopenaeus) schmitti. Aquaculture, 2007, 272, S125-S138.	3.5	6
71	A new set of highly polymorphic microsatellites for the white and black anglerfish (Lophiidae). Molecular Ecology Notes, 2006, 6, 767-769.	1.7	3
72	Correlations between fitness and heterozygosity at allozyme and microsatellite loci in the Atlantic salmon, Salmo salar L.. Heredity, 2004, 92, 585-593.	2.6	59

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73	DNA microsatellite variability and genetic differentiation among natural populations of the Cuban white shrimp Litopenaeus schmitti. Marine Biology, 2004, 144, 327-333.	1.5	28
74	Applying microsatellites to the management of farmed turbot stocks (Scophthalmus maximus L.) in hatcheries. Aquaculture, 2004, 241, 133-150.	3.5	39
75	Timing of first feeding and life-history strategies in salmon: genetic data. Hereditas, 2003, 139, 41-48.	1.4	7
76	The future of marine citizenship is now: Cetacean conservation in the eyes of young Spanish citizens. Aquatic Conservation: Marine and Freshwater Ecosystems, 0, , .	2.0	2
77	The PERCEBES project: science for the spatial management of the stalked barnacle fishery in the Atlantic Arc. Frontiers in Marine Science, 0, 6, .	2.5	0
78	Sustainable Management Plans in Fisheries and Genetic Tools: An Overview of the Challenge in Invertebratesâ€™ Fisheries at the Central Area of the Southern Bay of Biscay, Spain. , 0, , .		0