

Yaisel J Borrell Pichs

List of Publications by Year in descending order

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Version: 2024-02-01

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	Marine litter as a vector for non-native species: What we need to know. <i>Marine Pollution Bulletin</i> , 2016, 113, 40-43.	5.0	111
2	DNA in a bottle – Rapid metabarcoding survey for early alerts of invasive species in ports. <i>PLoS ONE</i> , 2017, 12, e0183347.	2.5	87
3	DNA barcoding reveals a high level of mislabeling in Egyptian fish fillets. <i>Food Control</i> , 2014, 46, 441-445.	5.5	84
4	Bioremediation as a promising strategy for microplastics removal in wastewater treatment plants. <i>Marine Pollution Bulletin</i> , 2020, 156, 111252.	5.0	81
5	Anthropogenic marine litter composition in coastal areas may be a predictor of potentially invasive rafting fauna. <i>PLoS ONE</i> , 2018, 13, e0191859.	2.5	63
6	Correlations between fitness and heterozygosity at allozyme and microsatellite loci in the Atlantic salmon, <i>Salmo salar</i> L.. <i>Heredity</i> , 2004, 92, 585-593.	2.6	59
7	Evaluating freshwater macroinvertebrates from eDNA metabarcoding: A river Nalān case study. <i>PLoS ONE</i> , 2018, 13, e0201741.	2.5	55
8	Dispersal of alien invasive species on anthropogenic litter from European mariculture areas. <i>Marine Pollution Bulletin</i> , 2018, 131, 10-16.	5.0	53
9	Travelling light: Fouling biota on macroplastics arriving on beaches of remote Rapa Nui (Easter) Tj ETQq1 1 0.784314 rgBT / Overlock 1	5.0	53
10	Barcodes of marine invertebrates from north Iberian ports: Native diversity and resistance to biological invasions. <i>Marine Pollution Bulletin</i> , 2016, 112, 183-188.	5.0	49
11	Effects of <i>Echerichia coli</i> lipopolysaccharides and dissolved ammonia on immune response in southern white shrimp <i>Litopenaeus schmitti</i> . <i>Aquaculture</i> , 2008, 274, 118-125.	3.5	46
12	Environmental DNA evidence of transfer of North Sea molluscs across tropical waters through ballast water. <i>Journal of Molluscan Studies</i> , 2015, 81, 495-501.	1.2	44
13	Detecting nuisance species using NGST: Methodology shortcomings and possible application in ballast water monitoring. <i>Marine Environmental Research</i> , 2015, 112, 64-72.	2.5	41
14	Applying microsatellites to the management of farmed turbot stocks (<i>Scophthalmus maximus</i> L.) in hatcheries. <i>Aquaculture</i> , 2004, 241, 133-150.	3.5	39
15	DNA barcoding for assessment of exotic molluscs associated with maritime ports in northern Iberia. <i>Marine Biology Research</i> , 2016, 12, 168-176.	0.7	37
16	Mitochondrial DNA and microsatellite genetic differentiation in the European anchovy <i>Engraulis encrasicolus</i> L.. <i>ICES Journal of Marine Science</i> , 2012, 69, 1357-1371.	2.5	35
17	Development of the first standardised panel of two new microsatellite multiplex <sc>PCR</sc>s for gilthead seabream (<i>Sparus aurata</i> L.). <i>Animal Genetics</i> , 2013, 44, 533-546.	1.7	35
18	On the way for detecting and quantifying elusive species in the sea: The <i>Octopus vulgaris</i> case study. <i>Fisheries Research</i> , 2017, 191, 41-48.	1.7	35

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19	Assessment of parental contributions to fast- and slow-growing progenies in the sea bream <i>Sparus aurata</i> L. using a new multiplex PCR. <i>Aquaculture</i> , 2011, 314, 58-65.	3.5	32
20	Microsatellites and multiplex PCRs for assessing aquaculture practices of the grooved carpet shell <i>Ruditapes decussatus</i> in Spain. <i>Aquaculture</i> , 2014, 426-427, 49-59.	3.5	32
21	A case study for assessing fish traceability in Egyptian aquafeed formulations using pyrosequencing and metabarcoding. <i>Fisheries Research</i> , 2016, 174, 143-150.	1.7	32
22	Detection and characterisation of the biopollutant <i>Xenostrobus securis</i> (Lamarck 1819) Asturian population from DNA Barcoding and eBarcoding. <i>Marine Pollution Bulletin</i> , 2016, 105, 23-29.	5.0	31
23	Genetic parameters and genotype-environment interactions for skeleton deformities and growth traits at different ages on gilthead seabream (<i>Sparus aurata</i> L.) in four Spanish regions. <i>Animal Genetics</i> , 2015, 46, 164-174.	1.7	30
24	Towards more sustainable surimi? PCR-cloning approach for DNA barcoding reveals the use of species of low trophic level and aquaculture in Asian surimi. <i>Food Control</i> , 2016, 61, 62-69.	5.5	30
25	DNA microsatellite variability and genetic differentiation among natural populations of the Cuban white shrimp <i>Litopenaeus schmitti</i> . <i>Marine Biology</i> , 2004, 144, 327-333.	1.5	28
26	Novel tools for early detection of a global aquatic invasive, the zebra mussel <i>Dreissena polymorpha</i> . <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 165-176.	2.0	25
27	Use of microsatellites and a combinatorial optimization approach in the acquisition of gilthead seabream (<i>Sparus aurata</i> L.) broodstocks for hatcheries. <i>Aquaculture</i> , 2007, 269, 200-210.	3.5	23
28	A parentage study using microsatellite loci in a pilot project for aquaculture of the European anchovy <i>Engraulis encrasicolus</i> L.. <i>Aquaculture</i> , 2011, 310, 305-311.	3.5	23
29	Impacts of supplementation aquaculture on the genetic diversity of wild <i>Ruditapes decussatus</i> from northern Spain. <i>Aquaculture Environment Interactions</i> , 2015, 6, 241-254.	1.8	23
30	PCR-based assessment of shellfish traceability and sustainability in international Mediterranean seafood markets. <i>Food Chemistry</i> , 2016, 202, 302-308.	8.2	21
31	“If You Know the Enemy and Know Yourself” Addressing the Problem of Biological Invasions in Ports Through a New NIS Invasion Threat Score, Routine Monitoring, and Preventive Action Plans. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	20
32	Development and validation of eDNA markers for the detection of <i>Crepidula fornicata</i> in environmental samples. <i>Marine Pollution Bulletin</i> , 2019, 146, 827-830.	5.0	17
33	Morphological and molecular methods reveal the Asian alga <i>Grateloupia imbricata</i> (Halymeniaceae) occurs on Cantabrian Sea shores (Bay of Biscay). <i>Phycologia</i> , 2016, 55, 365-370.	1.4	15
34	Genetic diversity and connectivity patterns of harvested and aquacultured molluscs in estuaries from Asturias (northern Spain). Implications for management strategies. <i>Aquaculture Research</i> , 2016, 47, 2937-2950.	1.8	15
35	Metabarcoding and post-sampling strategies to discover non-indigenous species: A case study in the estuaries of the central south Bay of Biscay. <i>Journal for Nature Conservation</i> , 2018, 42, 67-74.	1.8	15
36	Food control and a citizen science approach for improving teaching of Genetics in universities. <i>Biochemistry and Molecular Biology Education</i> , 2016, 44, 450-462.	1.2	14

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37	Nuisance Algae in Ballast Water Facing International Conventions. Insights from DNA Metabarcoding in Ships Arriving in Bay of Biscay. <i>Water (Switzerland)</i> , 2020, 12, 2168.	2.7	13
38	Spatial and temporal variation of genetic diversity and estimation of effective population sizes in Atlantic salmon (<i>Salmo salar</i> , L.) populations from Asturias (Northern Spain) using microsatellites. <i>Conservation Genetics</i> , 2008, 9, 807-819.	1.5	12
39	Heterozygosityâ€“fitness correlations in the gilthead sea bream (<i>Sparus aurata</i>) using microsatellite loci from unknown and geneâ€“rich genomic locations. <i>Journal of Fish Biology</i> , 2011, 79, 1111-1129.	1.6	12
40	Assessing the geographic scale of genetic population management with microsatellites and introns in the clam <i>Ruditapes decussatus</i> . <i>Ecology and Evolution</i> , 2016, 6, 3380-3404.	1.9	12
41	SNP-based PCR-RFLP, T-RFLP and FINS methodologies for the identification of commercial fish species in Egypt. <i>Fisheries Research</i> , 2017, 185, 34-42.	1.7	12
42	Contrasting seasonal and spatial distribution of native and invasive <i>Codium</i> seaweed revealed by targeting speciesâ€“specific eDNA. <i>Ecology and Evolution</i> , 2019, 9, 8567-8579.	1.9	11
43	Perspectives on the marine environment and biodiversity in recreational ports: The marina of Gijon as a case study. <i>Marine Pollution Bulletin</i> , 2020, 160, 111645.	5.0	11
44	Genetic assessment of three gilthead sea bream (<i>Sparus aurata</i> L.) populations along the Spanish coast and of three broodstocks managements. <i>Aquaculture International</i> , 2016, 24, 1409-1420.	2.2	10
45	Molecular barcoding confirms the presence of exotic Asian seaweeds (<i>Pachymeniopsis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.0	10
46	Understanding public perceptions toward invasive species in different parts of Europe. <i>Journal of Environmental Planning and Management</i> , 2022, 65, 2257-2275.	4.5	10
47	Assessing the spawning season in common dentex (<i>Dentex dentex</i>) using microsatellites. <i>Aquaculture Research</i> , 2008, 39, 1258-1267.	1.8	9
48	Find invasive seaweed: An outdoor game to engage children in science activities that detect marine biological invasion. <i>Journal of Environmental Education</i> , 2020, 51, 335-346.	1.8	9
49	Possible effects of vaccination and environmental changes on the presence of disease in northern Spanish fish farms. <i>Aquaculture</i> , 2014, 431, 118-123.	3.5	8
50	Citizen warnings and post checkout molecular confirmations using eDNA as a combined strategy for updating invasive species distributions. <i>Journal for Nature Conservation</i> , 2018, 43, 95-103.	1.8	8
51	Almost never you get what you pay for: Widespread mislabeling of commercial â€œzamburiÃ±asâ€“ in northern Spain. <i>Food Control</i> , 2021, 120, 107541.	5.5	8
52	<i>Sustainable Sea</i> : A board game for engaging students in sustainable fisheries management. <i>Applied Environmental Education and Communication</i> , 2021, 20, 406-421.	1.1	8
53	Timing of first feeding and life-history strategies in salmon: genetic data. <i>Hereditas</i> , 2003, 139, 41-48.	1.4	7
54	Flotsam, an overlooked vector of alien dispersal from ports. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 271, 107879.	2.1	7

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55	Spatial and temporal genetic analysis of the Cuban white shrimp <i>Penaeus (Litopenaeus) schmitti</i> . <i>Aquaculture</i> , 2007, 272, S125-S138.	3.5	6
56	Lab experience with seafood control at the undergraduate level: Cephalopods as a case study. <i>Biochemistry and Molecular Biology Education</i> , 2020, 48, 236-246.	1.2	6
57	Response of top shell assemblages to cyclogenesis disturbances. A case study in the Bay of Biscay. <i>Marine Environmental Research</i> , 2015, 112, 2-10.	2.5	5
58	Population genetic structure of the European conger (<i>Conger conger</i>) in North East Atlantic and West Mediterranean Sea. <i>Fisheries Research</i> , 2016, 174, 245-249.	1.7	5
59	Integrative taxonomy reveals the occurrence of the Asian freshwater snail <i>Sinotaia cf. quadrata</i> in inland waters of SW Europe. <i>Aquatic Invasions</i> , 2020, 15, 616-632.	1.6	5
60	The use of microsatellites for optimizing broodstocks in a hatchery of gilthead seabream (<i>Sparus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	4
61	VY6, a β -lactoglobulin-derived peptide, altered metabolic lipid pathways in the zebra fish liver. <i>Food and Function</i> , 2016, 7, 1968-1974.	4.6	4
62	Building on gAMBI in ports for a challenging biological invasions scenario: Blue-gNIS as a proof of concept. <i>Marine Environmental Research</i> , 2021, 169, 105340.	2.5	4
63	Isolation and identification of microalgal strains with potential as carotenoids producers from a municipal solid waste landfill. <i>Science of the Total Environment</i> , 2022, 802, 149755.	8.0	4
64	Microsatellites-based genetic analysis of the Lophiidae fish in Europe. <i>Marine and Freshwater Research</i> , 2008, 59, 865.	1.3	4
65	Coping with poachers in European stalked barnacle fisheries: Insights from a stakeholder workshop. <i>Marine Policy</i> , 2022, 135, 104826.	3.2	4
66	A new set of highly polymorphic microsatellites for the white and black anglerfish (Lophiidae). <i>Molecular Ecology Notes</i> , 2006, 6, 767-769.	1.7	3
67	<i>Psolus rufus</i> , a new species of sea cucumber (Holothuroidea: Psolidae) from northern Spain (Bay of) Tj ETQq1 1 0.784314 rgBT /Overl	0.8	3
68	Genetic monitoring of the declining European stony sea urchin <i>Paracentrotus lividus</i> from the central Bay of Biscay (Asturias, northwest Spain) and attempts to restore its wild populations. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 309-328.	2.0	3
69	Larval width as indicator of growth rate and effect of larval classification on final body composition and flesh quality in cultured gilthead seabream (<i>Sparus aurata</i> , L.). <i>Journal of Applied Ichthyology</i> , 2014, 30, 300-306.	0.7	2
70	The future of marine citizenship is now: Cetacean conservation in the eyes of young Spanish citizens. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 0, , .	2.0	2
71	Boosting adults scientific literacy with experiential learning practices. <i>European Journal for Research on the Education and Learning of Adults</i> , 2021, 12, 223-238.	1.1	2
72	Developing innovative methods to face aquatic invasions in Europe: the Aquainvad-ED project. <i>Management of Biological Invasions</i> , 2017, 8, 403-408.	1.2	2

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73	Chaotic Genetic Patchiness in the Highly Valued Atlantic Stalked Barnacle <i>Pollicipes pollicipes</i> From the Iberian Peninsula: Implications for Fisheries Management. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	2
74	Whaling tradition along the Cantabrian coast: public perception towards cetaceans and its importance for marine conservation. <i>Biodiversity and Conservation</i> , 2021, 30, 2125-2143.	2.6	1
75	DNA barcoding-based assessment of the invasive and native non-crustose <i>Codium</i> species in the central Cantabrian Sea, southern Bay of Biscay. <i>Botanica Marina</i> , 2021, 64, 49-54.	1.2	0
76	Mitochondrial DNA analysis reveals gene drift and structuring in the declining European piddock <i>Pholas dactylus</i> (L., 1758) confirming high vulnerability. <i>Regional Studies in Marine Science</i> , 2021, 43, 101688.	0.7	0
77	The PERCEBES project: science for the spatial management of the stalked barnacle fishery in the Atlantic Arc. <i>Frontiers in Marine Science</i> , 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