

# Manuel Vera

## List of Publications by Year in descending order

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70  
papers

1,587  
citations

304743

22  
h-index

361022

35  
g-index

78  
all docs

78  
docs citations

78  
times ranked

1749  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Hatchery Introgression in Brown Trout ( <i>Salmo trutta</i> L.): Development of a Diagnostic SNP Panel for Monitoring the Impacted Mediterranean Rivers. <i>Genes</i> , 2022, 13, 255.	2.4	6
2	Genomic survey of edible cockle ( <i>Cerastoderma edule</i> ) in the Northeast Atlantic: A baseline for sustainable management of its wild resources. <i>Evolutionary Applications</i> , 2022, 15, 262-285.	3.1	13
3	Genomic selection signatures in farmed <i>Colossoma macropomum</i> from tropical and subtropical regions in South America. <i>Evolutionary Applications</i> , 2022, 15, 679-693.	3.1	5
4	An evaluation of the genetic connectivity and temporal stability of the blue and red shrimp <i>Aristeus antennatus</i> : a case study of spawning females' grounds in the Western Mediterranean Sea. <i>Hydrobiologia</i> , 2022, 849, 2043-2055.	2.0	2
5	Genetic Demography of the Blue and Red Shrimp, <i>Aristeus antennatus</i> : A Female-Based Case Study Integrating Multilocus Genotyping and Morphometric Data. <i>Genes</i> , 2022, 13, 1186.	2.4	0
6	Genetic diversity and structure of <i>Taxus baccata</i> from the Cantabrian-Atlantic area in northern Spain: A guide for conservation and management actions. <i>Forest Ecology and Management</i> , 2021, 482, 118844.	3.2	8
7	Population genetic structure of the endangered limpet <i>Patella ferruginea</i> (Gastropoda: Tj ETQq1 1 0.784314 rgBT /Overlock 10 TT Molluscan Research, 2021, 41, 32-40.	0.7	6
8	A multidisciplinary approach to identify priority areas for the monitoring of a vulnerable family of fishes in Spanish Marine National Parks. <i>Bmc Ecology and Evolution</i> , 2021, 21, 4.	1.6	8
9	Male Deep-Sea Shrimps <i>Aristeus antennatus</i> at Fishing Grounds: Growth and First Evaluation of Recruitment by Multilocus Genotyping. <i>Life</i> , 2021, 11, 116.	2.4	5
10	Low impact of different SNP panels from two building-loci pipelines on RAD-Seq population genomic metrics: case study on five diverse aquatic species. <i>BMC Genomics</i> , 2021, 22, 150.	2.8	7
11	Genetic analyses reveal temporal stability and connectivity pattern in blue and red shrimp <i>Aristeus antennatus</i> populations. <i>Scientific Reports</i> , 2020, 10, 21505.	3.3	4
12	First record of <i>Hysterothylacium fabri</i> (Rudolphi 1819) Deardorff and Overstreet 1980 from Scomber Colias of the South Atlantic waters. <i>Parasitology Research</i> , 2020, 119, 1981-1988.	1.6	1
13	Acetaminophen affects the survivor, pigmentation and development of craniofacial structures in zebrafish ( <i>Danio rerio</i> ) embryos. <i>Biochemical Pharmacology</i> , 2020, 174, 113816.	4.4	27
14	Living at the edge: population differentiation in endangered <i>Arnica montana</i> from NW Iberian Peninsula. <i>Plant Systematics and Evolution</i> , 2020, 306, 1.	0.9	5
15	Assessing Genetic Diversity for a Pre-Breeding Program in <i>Piaractus mesopotamicus</i> by SNPs and SSRs. <i>Genes</i> , 2019, 10, 668.	2.4	19
16	Genetic structure and population connectivity of the blue and red shrimp <i>Aristeus antennatus</i> . <i>Scientific Reports</i> , 2019, 9, 13531.	3.3	15
17	A Useful SNP Panel to Distinguish Two Cockle Species, <i>Cerastoderma edule</i> and <i>C. glaucum</i> , Co-Occurring in Some European Beds, and Their Putative Hybrids. <i>Genes</i> , 2019, 10, 760.	2.4	8
18	Signatures of selection for bonamiosis resistance in European flat oyster ( <i>Ostrea edulis</i> ): New genomic tools for breeding programs and management of natural resources. <i>Evolutionary Applications</i> , 2019, 12, 1781-1796.	3.1	35

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19	Mating structure of the blue and red shrimp, <i>Aristeus antennatus</i> (Risso, 1816) characterized by relatedness analysis. <i>Scientific Reports</i> , 2019, 9, 7227.	3.3	7
20	Identification of an endemic Mediterranean brown trout mtDNA group within a highly perturbed aquatic system, the Llobregat River (NE Spain). <i>Hydrobiologia</i> , 2019, 827, 277-291.	2.0	7
21	Parallel evolution and adaptation to environmental factors in a marine flatfish: Implications for fisheries and aquaculture management of the turbot ( <i>Scophthalmus maximus</i> ). <i>Evolutionary Applications</i> , 2018, 11, 1322-1341.	3.1	54
22	Stocking impact, population structure and conservation of wild brown trout populations in inner Galicia (NW Spain), an unstable hydrologic region. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 435-443.	2.0	15
23	Species assignment and population genetic studies of Gran Parana pejerrey ( <i>Odontesthes sp.</i> ). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50</i>	2.0	10
24	Detection of Grivette BMP15 prolificacy variant (FecX) in different sheep breeds presented in Galicia (NW Spain). <i>Gene Reports</i> , 2018, 12, 109-114.	0.8	4
25	Species identification of two closely exploited flatfish, turbot ( <i>Scophthalmus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 50 approach. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1253-1260.	2.0	4
26	Genetic Characterization of the Fish <i>Piaractus brachypomus</i> by Microsatellites Derived from Transcriptome Sequencing. <i>Frontiers in Genetics</i> , 2018, 9, 46.	2.3	12
27	Tracing the genetic impact of farmed turbot <i>Scophthalmus maximus</i> on wild populations. <i>Aquaculture Environment Interactions</i> , 2018, 10, 447-463.	1.8	29
28	Current status of the brown trout ( <i>Salmo trutta</i> ) populations within eastern Pyrenees genetic refuges. <i>Ecology of Freshwater Fish</i> , 2017, 26, 120-132.	1.4	21
29	An optimized high quality male DNA extraction from spermatophores in open thelycum shrimp species. <i>Integrative Zoology</i> , 2017, 12, 421-427.	2.6	1
30	Multiple paternity and reproduction opportunities for invasive mosquitofish. <i>Hydrobiologia</i> , 2017, 795, 139-151.	2.0	8
31	Occurrence of length polymorphism and heteroplasmy in brown trout. <i>Gene Reports</i> , 2017, 6, 1-7.	0.8	8
32	Identification and validation of single nucleotide polymorphisms as tools to detect hybridization and population structure in freshwater stingrays. <i>Molecular Ecology Resources</i> , 2017, 17, 550-556.	4.8	23
33	Current genetic status, temporal stability and structure of the remnant wild European flat oyster populations: conservation and restoring implications. <i>Marine Biology</i> , 2016, 163, 1.	1.5	30
34	Genomic survey provides insights into the evolutionary changes that occurred during European expansion of the invasive mosquitofish ( <i>Gambusia holbrooki</i> ). <i>Molecular Ecology</i> , 2016, 25, 1089-1105.	3.9	38
35	Temporal genetic dynamics among mosquitofish ( <i>Gambusia holbrooki</i> ) populations in invaded watersheds. <i>Biological Invasions</i> , 2016, 18, 841-855.	2.4	7
36	SNP discovery from liver transcriptome in the fish <i>Piaractus mesopotamicus</i> . <i>Conservation Genetics Resources</i> , 2016, 8, 109-114.	0.8	20

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37	Development and characterization of novel microsatellite markers by Next Generation Sequencing for the blue and red shrimp <i>Aristeus antennatus</i> . PeerJ, 2016, 4, e2200.	2.0	17
38	Phylogenetic diversity within the endemic brown trout Duero lineage: implications for conservation and management. Marine and Freshwater Research, 2015, 66, 1066.	1.3	9
39	Heritability estimation for okadaic acid algal toxin accumulation, mantle color and growth traits in Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ). Aquaculture, 2015, 440, 32-39.	3.5	13
40	Isolation and characterization of 20 polymorphic microsatellite loci in the migratory freshwater fish <i>Leporinus obtusidens</i> (Characiformes: Anostomidae) using 454 shotgun pyrosequencing. Journal of Fish Biology, 2015, 86, 1209-1217.	1.6	13
41	A genome scan for candidate genes involved in the adaptation of turbot ( <i>Scophthalmus maximus</i> ). Marine Genomics, 2015, 23, 77-86.	1.1	41
42	Screening of repetitive motifs inside the genome of the flat oyster ( <i>Ostrea edulis</i> ): Transposable elements and short tandem repeats. Marine Genomics, 2015, 24, 335-341.	1.1	12
43	A molecular tool for parentage analysis in the Mediterranean mussel ( <i>Mytilus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Tj	1.8	13
44	First identification of interspecies hybridization in the freshwater stingrays <i>Potamotrygon motoro</i> and <i>P. falkneri</i> (Myliobatiformes, Potamotrygonidae). Conservation Genetics, 2015, 16, 241-245.	1.5	16
45	Conservation Genetics of Threatened <i>Hippocampus guttulatus</i> in Vulnerable Habitats in NW Spain: Temporal and Spatial Stability of Wild Populations with Flexible Polygamous Mating System in Captivity. PLoS ONE, 2015, 10, e0117538.	2.5	18
46	Fine Mapping and Evolution of the Major Sex Determining Region in Turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.8	46
47	Phylogeography and genetic variability of the <i>Arnica montana</i> chemotypes in NW Iberian Peninsula. Silvae Genetica, 2014, 63, 293-300.	0.8	7
48	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2012â€“31 January 2013. Molecular Ecology Resources, 2013, 13, 546-549.	4.8	36
49	Identification and conservation of remnant genetic resources of brown trout in relict populations from Western Mediterranean streams. Hydrobiologia, 2013, 707, 29-45.	2.0	19
50	Development and Validation of Single Nucleotide Polymorphisms (SNPs) Markers from Two Transcriptome 454-Runs of Turbot ( <i>Scophthalmus maximus</i> ) Using High-Throughput Genotyping. International Journal of Molecular Sciences, 2013, 14, 5694-5711.	4.1	33
51	Development and validation of a molecular tool for assessing triploidy in turbot ( <i>Scophthalmus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 10	3.5	17
52	An Expressed Sequence Tag (EST)-enriched genetic map of turbot ( <i>Scophthalmus maximus</i> ): a useful framework for comparative genomics across model and farmed teleosts. BMC Genetics, 2012, 13, 54.	2.7	62
53	Mapping of DNA Sex-Specific Markers and Genes Related to Sex Differentiation in Turbot ( <i>Scophthalmus maximus</i> ). Marine Biotechnology, 2012, 14, 655-663.	2.4	42
54	Ecological Factors and Diversification among Neotropical Characiforms. International Journal of Ecology, 2012, 2012, 1-20.	0.8	20

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55	Exploitation of a turbot ( <i>Scophthalmus maximus</i> L.) immune-related expressed sequence tag (EST) database for microsatellite screening and validation. <i>Molecular Ecology Resources</i> , 2012, 12, 706-716.	4.8	15
56	Validation of single nucleotide polymorphism (SNP) markers from an immune Expressed Sequence Tag (EST) turbot, <i>Scophthalmus maximus</i> , database. <i>Aquaculture</i> , 2011, 313, 31-41.	3.5	39
57	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2010–31 January 2011. <i>Molecular Ecology Resources</i> , 2011, 11, 586-589.	4.8	38
58	Genomic Organization, Molecular Diversification, and Evolution of Antimicrobial Peptide Myticin-C Genes in the Mussel ( <i>Mytilus galloprovincialis</i> ). <i>PLoS ONE</i> , 2011, 6, e24041.	2.5	16
59	Phylogeography, genetic structure, and conservation of the endangered Caspian brown trout, <i>Salmo trutta caspius</i> (Kessler, 1877), from Iran. <i>Hydrobiologia</i> , 2011, 664, 51-67.	2.0	23
60	Gene Expression Profiles of the Spleen, Liver, and Head Kidney in Turbot ( <i>Scophthalmus maximus</i> ) Along the Infection Process with <i>Aeromonas salmonicida</i> Using an Immune-Enriched Oligo-microarray. <i>Marine Biotechnology</i> , 2011, 13, 1099-1114.	2.4	79
61	Species identification and genetic structure of threatened seahorses in Gran Canaria Island (Spain) using mitochondrial and microsatellite markers. <i>Conservation Genetics</i> , 2010, 11, 2431-2436.	1.5	13
62	Characterization of single-nucleotide polymorphism markers in the Mediterranean mussel, <i>Mytilus galloprovincialis</i> . <i>Aquaculture Research</i> , 2010, 41, e568-e575.	1.8	15
63	Maintenance of an endemic lineage of brown trout ( <i>Salmo trutta</i> ) within the Duero river basin. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2010, 48, 181-187.	1.4	30
64	Variation in anonymous and EST-microsatellites suggests adaptive population divergence in turbot. <i>Marine Ecology - Progress Series</i> , 2010, 420, 231-239.	1.9	45
65	Population and family structure of brown trout, <i>Salmo trutta</i> , in a Mediterranean stream. <i>Marine and Freshwater Research</i> , 2010, 61, 672.	1.3	22
66	Identification of the Major Sex-Determining Region of Turbot ( <i>Scophthalmus maximus</i> ). <i>Genetics</i> , 2009, 183, 1443-1452.	2.9	109
67	Efficiency of markers and methods for detecting hybrids and introgression in stocked populations. <i>Conservation Genetics</i> , 2009, 10, 225-236.	1.5	100
68	Expressed sequence tags (ESTs) from immune tissues of turbot ( <i>Scophthalmus maximus</i> ) challenged with pathogens. <i>BMC Veterinary Research</i> , 2008, 4, 37.	1.9	61
69	Characterization of EST-derived microsatellites for gene mapping and evolutionary genomics in turbot. <i>Animal Genetics</i> , 2008, 39, 666-670.	1.7	33
70	Northern and Southern expansions of Atlantic brown trout ( <i>Salmo trutta</i> ) populations during the Pleistocene. <i>Biological Journal of the Linnean Society</i> , 0, 97, 904-917.	1.6	51