

# 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	Identification of the Major Sex-Determining Region of Turbot ( <i>Scophthalmus maximus</i> ). Genetics, 2009, 183, 1443-1452.	2.9	109
2	Efficiency of markers and methods for detecting hybrids and introgression in stocked populations. Conservation Genetics, 2009, 10, 225-236.	1.5	100
3	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. Marine Biotechnology, 2011, 13, 1099-1114.	2.4	79
4	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
5	Expressed sequence tags (ESTs) from immune tissues of turbot ( <i>Scophthalmus maximus</i> ) challenged with pathogens. BMC Veterinary Research, 2008, 4, 37.	1.9	61
6	Parallel evolution and adaptation to environmental factors in a marine flatfish: Implications for fisheries and aquaculture management of the turbot ( <i>Scophthalmus maximus</i> ). Evolutionary Applications, 2018, 11, 1322-1341.	3.1	54
7	Northern and Southern expansions of Atlantic brown trout ( <i>Salmo trutta</i> ) populations during the Pleistocene. Biological Journal of the Linnean Society, 0, 97, 904-917.	1.6	51
8	Fine Mapping and Evolution of the Major Sex Determining Region in Turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	1.8	46
9	Variation in anonymous and EST-microsatellites suggests adaptive population divergence in turbot. Marine Ecology - Progress Series, 2010, 420, 231-239.	1.9	45
10	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
11	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
12	Validation of single nucleotide polymorphism (SNP) markers from an immune Expressed Sequence Tag (EST) turbot, <i>Scophthalmus maximus</i> , database. Aquaculture, 2011, 313, 31-41.	3.5	39
13	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2010â€“31 January 2011. Molecular Ecology Resources, 2011, 11, 586-589.	4.8	38
14	Genomic survey provides insights into the evolutionary changes that occurred during European expansion of the invasive mosquitofish ( <i>Gambusia holbrooki</i> ). Molecular Ecology, 2016, 25, 1089-1105.	3.9	38
15	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
16	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. Evolutionary Applications, 2019, 12, 1781-1796.	3.1	35
17	Characterization of EST-derived microsatellites for gene mapping and evolutionary genomics in turbot. Animal Genetics, 2008, 39, 666-670.	1.7	33
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	Ecological Factors and Diversification among Neotropical Characiforms. <i>International Journal of Ecology</i> , 2012, 2012, 1-20.	0.8	20
28	SNP discovery from liver transcriptome in the fish <i>Piaractus mesopotamicus</i> . <i>Conservation Genetics Resources</i> , 2016, 8, 109-114.	0.8	20
29	Identification and conservation of remnant genetic resources of brown trout in relict populations from Western Mediterranean streams. <i>Hydrobiologia</i> , 2013, 707, 29-45.	2.0	19
30	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
31	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. <i>PLoS ONE</i> , 2015, 10, e0117538.	2.5	18
32	Development and validation of a molecular tool for assessing triploidy in turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 22	3.5	17
33	Development and characterization of novel microsatellite markers by Next Generation Sequencing for the blue and red shrimp <i>Aristeus antennatus</i> . <i>PeerJ</i> , 2016, 4, e2200.	2.0	17
34	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
35	First identification of interspecies hybridization in the freshwater stingrays <i>Potamotrygon motoro</i> and <i>P. falkneri</i> (Myliobatiformes, Potamotrygonidae). <i>Conservation Genetics</i> , 2015, 16, 241-245.	1.5	16
36	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

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37	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
38	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
39	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
40	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
41	Heritability estimation for okadaic acid algal toxin accumulation, mantle color and growth traits in Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ). <i>Aquaculture</i> , 2015, 440, 32-39.	3.5	13
42	Isolation and characterization of 20 polymorphic microsatellite loci in the migratory freshwater fish <i>Leporinus obtusidens</i> (Characiformes: Anostomidae) using 454 shotgun pyrosequencing. <i>Journal of Fish Biology</i> , 2015, 86, 1209-1217.	1.6	13
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	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
45	Screening of repetitive motifs inside the genome of the flat oyster ( <i>Ostrea edulis</i> ): Transposable elements and short tandem repeats. <i>Marine Genomics</i> , 2015, 24, 335-341.	1.1	12
46	Genetic Characterization of the Fish <i>Piaractus brachipomus</i> by Microsatellites Derived from Transcriptome Sequencing. <i>Frontiers in Genetics</i> , 2018, 9, 46.	2.3	12
47	Phylogenetic diversity within the endemic brown trout Duero lineage: implications for conservation and management. <i>Marine and Freshwater Research</i> , 2015, 66, 1066.	1.3	9
48	Multiple paternity and reproduction opportunities for invasive mosquitofish. <i>Hydrobiologia</i> , 2017, 795, 139-151.	2.0	8
49	Occurrence of length polymorphism and heteroplasmy in brown trout. <i>Gene Reports</i> , 2017, 6, 1-7.	0.8	8
50	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
51	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
52	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
53	Temporal genetic dynamics among mosquitofish ( <i>Gambusia holbrooki</i> ) populations in invaded watersheds. <i>Biological Invasions</i> , 2016, 18, 841-855.	2.4	7
54	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

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55	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
56	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
57	Phylogeography and genetic variability of the <i>Arnica montana</i> chemotypes in NW Iberian Peninsula. <i>Silvae Genetica</i> , 2014, 63, 293-300.	0.8	7
58	Population genetic structure of the endangered limpet <i>Patella ferruginea</i> (Gastropoda). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Molluscan Research</i> , 2021, 41, 32-40.	0.7	6
59	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
60	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
61	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
62	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
63	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
64	Species identification of two closely exploited flatfish, turbot ( <i>Scophthalmus</i> ). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (ma approach. Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1253-1260.	2.0	4
65	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
66	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
67	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
68	Species assignment and population genetic studies of Gran Paranj pejerrey ( <i>Odontesthes sp.</i> ). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22</i>	2.0	1
69	First record of <i>Hysterothylacium fabri</i> (Rudolphi 1819) Deardorff and Overstreet 1980 from <i>Scomber Colias</i> of the South Atlantic waters. <i>Parasitology Research</i> , 2020, 119, 1981-1988.	1.6	1
70	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