Oriol Vidal

List of Publications by Year
in descending order

47 papers	940 citations	516561 16 h-index	477173 29 g-index
47 all docs	47 docs citations	47 times ranked	1458 citing authors

#	Article	IF	Citations
1	Multiâ€trait evolution in a cave fish,Astyanax mexicanus. Evolution & Development, 2008, 10, 196-209.	1.1	169
2	Copy number variation in the genomes of domestic animals. Animal Genetics, 2012, 43, 503-517.	0.6	116
3	Synteny and candidate gene prediction using an anchored linkage map of Astyanax mexicanus. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20106-20111.	3.3	73
4	Origin and genetic diversity of mosquitofish (Gambusia holbrooki) introduced to Europe. Biological Invasions, 2010, 12, 841-851.	1.2	70
5	Population structure of eleven Spanish ovine breeds and detection of selective sweeps with BayeScan and hapFLK. Scientific Reports, 2016, 6, 27296.	1.6	52
6	Malic enzyme 1 genotype is associated with backfat thickness and meat quality traits in pigs. Animal Genetics, 2006, 37, 28-32.	0.6	37
7	Genetic differentiation between eastern and western Mediterranean swordfish revealed by phylogeographic analysis of the mitochondrial DNA control region. ICES Journal of Marine Science, 2010, 67, 1222-1229.	1.2	34
8	Gene Flow and Maintenance of Genetic Diversity in Invasive Mosquitofish (Gambusia holbrooki). PLoS ONE, 2013, 8, e82501.	1.1	28
9	Melanism in guinea fowl (Numida meleagris) is associated with a deletion of Phenylalanineâ€256 in the MC1R gene. Animal Genetics, 2010, 41, 656-658.	0.6	25
10	Genetic characterization of the invasive mosquitofish (Gambusia spp.) introduced to Europe: population structure and colonization routes. Biological Invasions, 2013, 15, 2333-2346.	1.2	24
11	A mitochondrial analysis reveals distinct founder effect signatures in Canarian and Balearic goats. Animal Genetics, 2015, 46, 452-456.	0.6	24
12	Genetics of serum and muscle lipids in pigs. Animal Genetics, 2013, 44, 609-619.	0.6	21
13	Effects of water pollution and river fragmentation on population genetic structure of invasive mosquitofish. Science of the Total Environment, 2018, 637-638, 1372-1382.	3.9	19
14	High genetic diversity of the endangered Iberian threeâ€spined stickleback (Gasterosteus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.2	18
15	Positive selection on mammalian MHC-DQ genes revisited from a multispecies perspective. Genes and Immunity, 2008, 9, 651-658.	2.2	17
16	The Southwestern fringe of Europe as an important reservoir of caprine biodiversity. Genetics Selection Evolution, 2015, 47, 86.	1.2	17
17	Genetic characterization of the Asian clam species complex (Corbicula) invasion in the Iberian Peninsula. Hydrobiologia, 2017, 784, 349-365.	1.0	16
18	Glacial refuges for threeâ€spined stickleback in the <scp>I</scp>berian <scp>P</scp>eninsula: mitochondrial <scp>DNA</scp> phylogeography. Freshwater Biology, 2015, 60, 1794-1809.	1.2	14

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19	Using Massive Parallel Sequencing for the Development, Validation, and Application of Population Genetics Markers in the Invasive Bivalve Zebra Mussel (Dreissena polymorpha). PLoS ONE, 2015, 10, e0120732.	1.1	13
20	Assignment of the fatty acid Coenzyme A ligase, long chain 2 (FACL2) gene to porcine chromosome 15. Animal Genetics, 2004, 35, 245-245.	0.6	12
21	Validated methodology for quantifying infestation levels of dreissenid mussels in environmental DNA (eDNA) samples. Scientific Reports, 2016, 6, 39067.	1.6	12
22	Polymorphism of the Goat Agouti Signaling Protein Gene and Its Relationship with Coat Color in Italian and Spanish Breeds. Biochemical Genetics, 2011, 49, 523-532.	0.8	11
23	SNP diversity in introduced populations of the invasiveGambusia holbrooki. Ecology of Freshwater Fish, 2012, 21, 100-108.	0.7	11
24	Variability of the melanocortin 1 receptor (MC1R) gene explains the segregation of the bronze locus in turkey (Meleagris gallopavo). Poultry Science, 2010, 89, 1599-1602.	1.5	10
25	Detecting the existence of gene flow between Spanish and North African goats through a coalescent approach. Scientific Reports, 2016, 6, 38935.	1.6	10
26	Inferring the demographic history of a highly endangered goat breed through the analysis of nuclear and mitochondrial genetic signatures. Small Ruminant Research, 2012, 104, 78-84.	0.6	9
27	Differential distribution of Y-chromosome haplotypes in Swiss and Southern European goat breeds. Scientific Reports, 2017, 7, 16161.	1.6	9
28	Multiple paternity and reproduction opportunities for invasive mosquitofish. Hydrobiologia, 2017, 795, 139-151.	1.0	8
29	Expression patterns and genetic variation of the ovine skeletal muscle transcriptome of sheep from five Spanish meat breeds. Scientific Reports, 2018, 8, 10486.	1.6	8
30	Technical note: Advantages and limitations of authenticating Palmera goat dairy products by pyrosequencing the melanocortin 1 receptor (MC1R) gene. Journal of Dairy Science, 2014, 97, 7293-7297.	1.4	7
31	Temporal genetic dynamics among mosquitofish (Gambusia holbrooki) populations in invaded watersheds. Biological Invasions, 2016, 18, 841-855.	1.2	7
32	An age-dependent association between a leptin C3469T single nucleotide polymorphism and intramuscular fat content in pigs. Livestock Science, 2009, 121, 335-338.	0.6	6
33	Short communication: Genetic variability in the predicted microRNA target sites of caprine casein genes. Journal of Dairy Science, 2010, 93, 1749-1753.	1.4	6
34	<scp>MC</scp>1R polymorphism associated with plumage color variations in Coturnix chinensis. Animal Genetics, 2018, 49, 475-477.	0.6	6
35	Identification of 246 microsatellites in the Asiatic clam (Corbicula fluminea). Conservation Genetics Resources, 2015, 7, 393-395.	0.4	5
36	Genetic characterization of the invasive zebra mussel (Dreissena polymorpha) in the Iberian Peninsula. Hydrobiologia, 2016, 779, 227-242.	1.0	5

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37	Nucleotide Sequence and Polymorphism of the Pig Acyl Coenzyme A Synthetase Long-Chain 1 (ACSL1) Gene. Animal Biotechnology, 2007, 18, 117-122.	0.7	2
38	Identification of c.483C>T polymorphism in the caprine tyrosinase-related protein 1 (<i>TYRP1</i>) gene. Italian Journal of Animal Science, 2012, 11, e12.	0.8	2
39	Genetic diversity and population structure of the Western European hedgehog, Erinaceus europaeus: conservation status of populations in the Iberian Peninsula. Mammalian Biology, 2022, 102, 375-386.	0.8	2
40	Structural characterization of the porcine pyruvate carboxylase (PC) gene. Journal of Animal Breeding and Genetics, 2003, 120, 338-345.	0.8	1
41	A sex determination protocol for the Iberian desman (Galemys pyrenaicus) based on a three primer amplification of DBX and DBY fragments with non-invasive samples. Conservation Genetics, 2010, 11, 1185-1187.	0.8	1
42	Conservation of Goat Populations from Southwestern Europe Based on Molecular Diversity Criteria. , 2017, , 509-533.		1
43	Deleterious mutations of <i><scp>MC</scp>1R</i> in guinea pig. Animal Genetics, 2018, 49, 498-499.	0.6	1
44	Molecular characterization of spiny hedgehogs of the Iberian Peninsula: the missing link in the postglacial colonization of the western European hedgehog. Mammal Research, 2021, 66, 187-200.	0.6	1
45	Has classical gene position been practically reduced?. Biology and Philosophy, 2020, 35, 1.	0.7	0
46	Assessing the Diversity and Population Substructure of Sarda Breed Bucks by Using Mtdna and Y-Chromosome Markers. Animals, 2020, 10, 2194.	1.0	0
47	SNP identification and validation in two invasive species: zebra mussel (Dreissena polymorpha) and Asian clam (Corbicula fluminea). Animal Biodiversity and Conservation, 2019, 42, 65-68.	0.3	0