Jose Antonio Alvarez-Dios

List of Publications by Year
in descending order

35 papers	1,792 citations	394286 19 h-index	434063 31 g-index
35 all docs	35 docs citations	35 times ranked	1750 citing authors

#	Article	IF	Citations
1	IHP: a dynamic heterogeneous parallel scheme for iterative or time-step methodsâ€"image denoising as case study. Journal of Supercomputing, 2021, 77, 95-110.	2.4	1
2	Load balanced heterogeneous parallelism for finite difference problems on image denoising. Computational and Mathematical Methods, 2021, 3, e1089.	0.3	0
3	Identification of Bacillus and Yersinia species and hoax agents by protein profiling using microfluidic capillary electrophoresis with peak detection algorithms. Australian Journal of Forensic Sciences, 2021, 53, 2-15.	0.7	2
4	Blood Transcriptomics of Turbot Scophthalmus maximus: A Tool for Health Monitoring and Disease Studies. Animals, 2021, 11, 1296.	1.0	7
5	Development and Evaluation of the Ancestry Informative Marker Panel of the VISAGE Basic Tool. Genes, 2021, 12, 1284.	1.0	20
6	New insights into the Manila clam â€" Perkinsus olseni interaction based on gene expression analysis of clam hemocytes and parasite trophozoites through in vitro challenges. International Journal for Parasitology, 2020, 50, 195-208.	1.3	3
7	Long-term affected flat oyster (Ostrea edulis) haemocytes show differential gene expression profiles from naÃ¯ve oysters in response to Bonamia ostreae. Genomics, 2018, 110, 390-398.	1.3	20
8	Gene expression analysis of Ruditapes philippinarum haemocytes after experimental Perkinsus olseni zoospore challenge and infection in the wild. Fish and Shellfish Immunology, 2018, 72, 611-621.	1.6	5
9	Tracking age-correlated DNA methylation markers in the young. Forensic Science International: Genetics, 2018, 36, 50-59.	1.6	41
10	Transcriptomic profile of Manila clam (Ruditapes philippinarum) haemocytes in response to Perkinsus olseni infection. Aquaculture, 2017, 467, 170-181.	1.7	15
11	Integrative Transcriptome, Genome and Quantitative Trait Loci Resources Identify Single Nucleotide Polymorphisms in Candidate Genes for Growth Traits in Turbot. International Journal of Molecular Sciences, 2016, 17, 243.	1.8	45
12	Turbot (Scophthalmus maximus) genomic resources: application for boosting aquaculture production. , 2016, , 131-163.		26
13	Construction of an Ostrea edulis database from genomic and expressed sequence tags (ESTs) obtained from Bonamia ostreae infected haemocytes: Development of an immune-enriched oligo-microarray. Fish and Shellfish Immunology, 2016, 59, 331-344.	1.6	20
14	Whole genome sequencing of turbot (Scophthalmus maximus; Pleuronectiformes): a fish adapted to demersal life. DNA Research, 2016, 23, 181-192.	1.5	150
15	Development of a methylation marker set for forensic age estimation using analysis of public methylation data and the Agena Bioscience EpiTYPER system. Forensic Science International: Genetics, 2016, 24, 65-74.	1.6	127
16	De novo transcriptome assembly of Perkinsus olseni trophozoite stimulated in vitro with Manila clam (Ruditapes philippinarum) plasma. Journal of Invertebrate Pathology, 2016, 135, 22-33.	1.5	14
17	Exploration of SNP variants affecting hair colour prediction in Europeans. International Journal of Legal Medicine, 2015, 129, 963-975.	1.2	31
18	Development of a forensic skin colour predictive test. Forensic Science International: Genetics, 2014, 13, 34-44.	1.6	69

#	Article	IF	Citations
19	A combined strategy involving Sanger and 454 pyrosequencing increases genomic resources to aid in the management of reproduction, disease control and genetic selection in the turbot (Scophthalmus) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	48
20	Further development of forensic eye color predictive tests. Forensic Science International: Genetics, 2013, 7, 28-40.	1.6	119
21	An assessment of Bayesian and multinomial logistic regression classification systems to analyse admixed individuals. Forensic Science International: Genetics Supplement Series, 2013, 4, e63-e64.	0.1	10
22	Gene Expression Profiles of Spleen, Liver, and Head Kidney in Turbot (Scophthalmus maximus) Along the Infection Process with Philasterides dicentrarchi Using an Immune-Enriched Oligo-Microarray. Marine Biotechnology, 2012, 14, 570-582.	1.1	29
23	An Expressed Sequence Tag (EST)-enriched genetic map of turbot (Scophthalmus maximus): a useful framework for comparative genomics across model and farmed teleosts. BMC Genetics, 2012, 13, 54.	2.7	62
24	A generalization of <mml:math altimg="si70.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevie. Journa	1.1	3
25	Validation of single nucleotide polymorphism (SNP) markers from an immune Expressed Sequence Tag (EST) turbot, Scophthalmus maximus, database. Aquaculture, 2011, 313, 31-41.	1.7	39
26	Analysis of global variability in 15 established and 5 new European Standard Set (ESS) STRs using the CEPH human genome diversity panel. Forensic Science International: Genetics, 2011, 5, 155-169.	1.6	103
27	Gene Expression Profiles of the Spleen, Liver, and Head Kidney in Turbot (Scophthalmus maximus) Along the Infection Process with Aeromonas salmonicida Using an Immune-Enriched Oligo-microarray. Marine Biotechnology, 2011, 13, 1099-1114.	1.1	79
28	Design and Performance of a Turbot (Scophthalmus maximus) Oligo-microarray Based on ESTs from Immune Tissues. Marine Biotechnology, 2010, 12, 452-465.	1.1	37
29	Characterization of single-nucleotide polymorphism markers in the Mediterranean mussel,Mytilus galloprovincialis. Aquaculture Research, 2010, 41, e568-e575.	0.9	15
30	Ancestry Analysis in the 11-M Madrid Bomb Attack Investigation. PLoS ONE, 2009, 4, e6583.	1.1	110
31	Expressed sequence tags (ESTs) from immune tissues of turbot (Scophthalmus maximus) challenged with pathogens. BMC Veterinary Research, 2008, 4, 37.	0.7	61
32	Centromere-linkage in the turbot (Scophthalmus maximus) through half-tetrad analysis in diploid meiogynogenetics. Aquaculture, 2008, 280, 81-88.	1.7	60
33	Inferring ancestral origin using a single multiplex assay of ancestry-informative marker SNPs. Forensic Science International: Genetics, 2007, 1, 273-280.	1.6	332
34	A Microsatellite Genetic Map of the Turbot (Scophthalmus maximus). Genetics, 2007, 177, 2457-2467.	1.2	93
35	A compact population analysis test using 32 SNPs with highly diverse allele frequency distributions. International Congress Series, 2006, 1288, 58-60.	0.2	0