

Andrés Martínez-Lage

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6328426/publications.pdf>

Version: 2024-02-01

58
papers

1,036
citations

430442

18
h-index

476904

29
g-index

59
all docs

59
docs citations

59
times ranked

993
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Evolutionary Characterization of the Mussel <i>Mytilus</i> Histone Multigene Family: First Record of a Tandemly Repeated Unit of Five Histone Genes Containing an H1 Subtype with "Orphon" Features. <i>Journal of Molecular Evolution</i> , 2004, 58, 131-144.	0.8	66
2	Birth-and-Death Evolution with Strong Purifying Selection in the Histone H1 Multigene Family and the Origin of orphon H1 Genes. <i>Molecular Biology and Evolution</i> , 2004, 21, 1992-2003.	3.5	60
3	Characterization of different chromatin types in <i>Mytilus galloprovincialis</i> L. after C-banding, fluorochrome and restriction endonuclease treatments. <i>Heredity</i> , 1994, 72, 242-249.	1.2	49
4	DNA content, karyotypes, and chromosomal location of 18S-5.8S-28S ribosomal loci in some species of bivalve molluscs from the Pacific Canadian coast. <i>Genome</i> , 2000, 43, 1065-1072.	0.9	46
5	Telomeric Localization of the Vertebrate-type Hexamer Repeat, (TTAGGG), in the Wedgeshell Clam <i>Donax trunculus</i> and Other Marine Invertebrate Genomes. <i>Journal of Biological Chemistry</i> , 2002, 277, 19839-19846.	1.6	46
6	PCR Technique for Identification of Mussel Species. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 1780-1784.	2.4	44
7	Systematic analysis and evolution of 5S ribosomal DNA in metazoans. <i>Heredity</i> , 2013, 111, 410-421.	1.2	38
8	Molecular and Evolutionary Analysis of Mussel Histone Genes (<i>Mytilus</i> spp.): Possible Evidence of an "Orphon Origin" for H1 Histone Genes. <i>Journal of Molecular Evolution</i> , 2002, 55, 272-283.	0.8	37
9	Chromosomal markers in three species of the genus <i>Mytilus</i> (Mollusca: Bivalvia). <i>Heredity</i> , 1995, 74, 369-375.	1.2	36
10	Long-Term Evolution of 5S Ribosomal DNA Seems to Be Driven by Birth-and-Death Processes and Selection in Ensis Razor Shells (Mollusca: Bivalvia). <i>Biochemical Genetics</i> , 2009, 47, 635-644.	0.8	31
11	Comparative analysis of different satellite DNAs in four <i>Mytilus</i> species. <i>Genome</i> , 2002, 45, 922-929.	0.9	27
12	Origin and evolution of <i>Mytilus</i> mussel satellite DNAs. <i>Genome</i> , 2005, 48, 247-256.	0.9	27
13	Analysis of ITS1 and ITS2 sequences in Ensis razor shells: suitability as molecular markers at the population and species levels, and evolution of these ribosomal DNA spacers. <i>Genome</i> , 2010, 53, 23-34.	0.9	27
14	The 5S rDNA Gene Family in Mollusks: Characterization of Transcriptional Regulatory Regions, Prediction of Secondary Structures, and Long-Term Evolution, with Special Attention to Mytilidae Mussels. <i>Journal of Heredity</i> , 2011, 102, 433-447.	1.0	26
15	Genetic Divergence Detected by ISSR Markers and Characterization of Microsatellite Regions in <i>Mytilus</i> Mussels. <i>Biochemical Genetics</i> , 2007, 45, 565-578.	0.8	23
16	Comparative cytogenetic analysis of marine <i>Palaemon</i> species reveals a X1X1X2X2/X1X2Y sex chromosome system in <i>Palaemon elegans</i> . <i>Frontiers in Zoology</i> , 2017, 14, 47.	0.9	21
17	Chromosomes of Galician mussels. <i>Journal of Molluscan Studies</i> , 1990, 56, 123-126.	0.4	20
18	CYTOGENETIC CHARACTERIZATION OF <i>DONAX TRUNCULUS</i> (BIVALVIA: DONACIDAE) BY MEANS OF KARYOTYPING, FLUOROCHROME BANDING AND FLUORESCENT IN SITU HYBRIDIZATION. <i>Journal of Molluscan Studies</i> , 2002, 68, 393-396.	0.4	20

#	ARTICLE	IF	CITATIONS
19	Evolutionary dynamics of two satellite DNA families in rock lizards of the genus <i>Iberolacerta</i> (Squamata, Lacertidae): different histories but common traits. <i>Chromosome Research</i> , 2015, 23, 441-461.	1.0	20
20	De novo gonad transcriptome analysis of the common littoral shrimp <i>Palaemon serratus</i> : novel insights into sex-related genes. <i>BMC Genomics</i> , 2019, 20, 757.	1.2	20
21	Genetic variation of the razor clam <i>Ensis siliqua</i> (Jeffreys, 1875) along the European coast based on random amplified polymorphic DNA markers. <i>Aquaculture Research</i> , 2007, 38, 1205-1212.	0.9	17
22	The linked units of 5S rDNA and U1 snDNA of razor shells (Mollusca: Bivalvia: Pharidae). <i>Heredity</i> , 2011, 107, 127-142.	1.2	17
23	Molecular organization and phylogenetic analysis of 5S rDNA in crustaceans of the genus <i>Pollicipes</i> reveal birth-and-death evolution and strong purifying selection. <i>BMC Evolutionary Biology</i> , 2011, 11, 304.	3.2	17
24	Karyological Characterization of the Endemic Iberian Rock Lizard, <i>Iberolacerta monticola</i> (Squamata, Lacertidae): Insights into Sex Chromosome Evolution. <i>Cytogenetic and Genome Research</i> , 2014, 142, 28-39.	0.6	16
25	Karyotypes and Ag-NORs of the mussels <i>Mytilus californianus</i> and <i>M. trossulus</i> from the Pacific Canadian coast. <i>Aquaculture</i> , 1997, 153, 239-249.	1.7	15
26	Polyploidy in a natural population of mussel, <i>Mytilus trossulus</i> . <i>Genome</i> , 2000, 43, 409-411.	0.9	15
27	High incidence of heteroplasmy in the mtDNA of a natural population of the spider crab <i>Maja brachydactyla</i> . <i>PLoS ONE</i> , 2020, 15, e0230243.	1.1	15
28	Cytogenetics of the razor clam <i>Solen marginatus</i> (Mollusca: Bivalvia: Solenidae). <i>Cytogenetic and Genome Research</i> , 2003, 101, 43-46.	0.6	13
29	Microsatellite records for volume 8, issue 2. <i>Conservation Genetics Resources</i> , 2016, 8, 169-196.	0.4	13
30	Genetic diversity and population structure of the rockpool shrimp <i>Palaemon elegans</i> based on microsatellites: evidence for a cryptic species and differentiation across the Atlantic-Mediterranean transition. <i>Scientific Reports</i> , 2020, 10, 10784.	1.6	13
31	The Baltic prawn <i>Palaemon adspersus</i> Rathke, 1837 (Decapoda, Caridea, Palaemonidae): first record, possible establishment, and illustrated key of the subfamily Palaemoninae in northwest Atlantic waters. <i>Aquatic Invasions</i> , 2015, 10, 299-312.	0.6	13
32	Heterogeneous Nature and Distribution of Interruptions in Dinucleotides May Indicate the Existence of Biased Substitutions Underlying Microsatellite Evolution. <i>Journal of Molecular Evolution</i> , 2008, 66, 575-580.	0.8	12
33	Chromosome differences between European mussel populations (genus <i>Mytilus</i>). <i>Caryologia</i> , 1996, 49, 343-355.	0.2	11
34	Common Evolutionary Origin and Birth-and-Death Process in the Replication-Independent Histone H1 Isoforms from Vertebrate and Invertebrate Genomes. <i>Journal of Molecular Evolution</i> , 2005, 61, 398-407.	0.8	11
35	Isolation and characterization of two satellite DNAs in some Iberian rock lizards (Squamata, Tj ETQq1 1 0.784314 rgBT /Overlock 10 11 322, 13-26.	0.6	11
36	Population genetic analysis of <i>Ensis directus</i> unveils high genetic variation in the introduced range and reveals a new species from the NW Atlantic. <i>Marine Biology</i> , 2012, 159, 2209-2227.	0.7	10

#	ARTICLE	IF	CITATIONS
37	Karyological analysis of the shrimp <i>Palaemon serratus</i> (Decapoda: Palaemonidae). <i>Journal of Crustacean Biology</i> , 2013, 33, 843-848.	0.3	10
38	Assessment of genetic diversity and population structure of the common littoral shrimp <i>Palaemon serratus</i> (Pennant, 1777) by microsatellites: Towards a sustainable management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 528-536.	0.9	10
39	Polyploidy in a natural population of mussel, <i>Mytilus trossulus</i> . <i>Genome</i> , 2000, 43, 409-411.	0.9	10
40	Temporal genetic variation of microsatellite markers in the razor clam <i>Ensis arcuatus</i> (Bivalvia). <i>Tj ETQq 0 0 0 rgBT / Overlock 10 Tj</i>	0.4	9
41	Genetic differentiation between Mediterranean and Atlantic populations of the common prawn <i>Palaemon serratus</i> (Crustacea: Palaemonidae) reveals uncommon phylogeographic break. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 1425-1434.	0.4	9
42	Isolation and characterization of 21 polymorphic microsatellite loci for the rockpool shrimp <i>Palaemon elegans</i> using Illumina MiSeq sequencing. <i>Scientific Reports</i> , 2018, 8, 17197.	1.6	9
43	Mitogenome phylogenetics in the genus <i>Palaemon</i> (Crustacea: Decapoda) sheds light on species crypticism in the rockpool shrimp <i>P. elegans</i> . <i>PLoS ONE</i> , 2020, 15, e0237037.	1.1	9
44	Isolation and characterization of polymorphic microsatellite loci in the razor clam <i>Ensis siliqua</i> . <i>Molecular Ecology Notes</i> , 2007, 7, 221-222.	1.7	8
45	Cytogenetic characterisation of the razor shells <i>Ensis directus</i> (Conrad, 1843) and <i>E. minor</i> (Chenu.) <i>Tj ETQq 1 1 0.784314 rgBT / Overlock 1.3</i>	1.3	8
46	Species delimitation and DNA barcoding of Atlantic <i>Ensis</i> (<i>Bivalvia</i> , <i>Ensis</i>). <i>Zoologica Scripta</i> , 2014, 43, 161-171.	0.7	8
47	De novo transcriptome assembly of shrimp <i>Palaemon serratus</i> . <i>Genomics Data</i> , 2017, 11, 89-91.	1.3	8
48	Genetic diversity in fishery-exploited populations of the banded murex (<i>Hexaplex trunculus</i>) from the southern Iberian Peninsula. <i>Journal of Experimental Marine Biology and Ecology</i> , 2008, 363, 35-41.	0.7	7
49	Development of microsatellite markers in the razor clam <i>Solen marginatus</i> (Bivalvia: Solenidae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 977-978.	0.4	6
50	Genetic heterogeneity in natural beds of the razor clam <i>Ensis siliqua</i> revealed by microsatellites. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 171-177.	0.4	5
51	Accessing transcriptomic data for ecologically important genes in the goose barnacle (<i>Pollicipes</i>) <i>Tj ETQq 1 1 0.784314 rgBT / Overlock 0.4</i>	0.4	2
52	Characterization of 15 polymorphic microsatellite loci in gooseneck barnacle <i>Pollicipes pollicipes</i> (Gmelin, 1789), and cross-amplification in other <i>Pollicipes</i> species. <i>Conservation Genetics Resources</i> , 2015, 7, 591-593.	0.4	2
53	Optimization of DNA extraction in the spiny spider crab <i>Maja brachydactyla</i> : determining the best extraction method, sample conservation and starting tissue. <i>Conservation Genetics Resources</i> , 2017, 9, 369-370.	0.4	2
54	Denaturing effect of acridine orange and adriamycin. <i>Cytobios</i> , 1989, 60, 151-5.	0.2	2

#	ARTICLE	IF	CITATIONS
55	Differences in prevalence of multiple paternity in the spiny spider crab <i>Maja brachydactyla</i> in two localities that differ in female fecundity, fishing intensity, and management measures. ICES Journal of Marine Science, 2021, 78, 1697-1710.	1.2	1
56	Electron microscopy of Chinese hamster chromosomes digested with Hae III restriction enzyme. Caryologia, 1994, 47, 281-288.	0.2	0
57	Analysis of the influence of chromosomal condensation on the activity of restriction endonucleases. Cytobios, 1993, 76, 105-12.	0.2	0
58	Chromosomal DNA extraction after restriction endonuclease treatments: a study by microdensitometry and electrophoresis. Cytobios, 1993, 74, 177-88.	0.2	0