

Rafael Navajas-PÃ©rez

List of Publications by Year in descending order

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471509

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docs citations

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times ranked

2738
citing authors

#	ARTICLE	IF	CITATIONS
1	The draft genome of the transgenic tropical fruit tree papaya (<i>Carica papaya</i> Linnaeus). <i>Nature</i> , 2008, 452, 991-996.	27.8	964
2	Sequencing papaya X and Y chromosomes reveals molecular basis of incipient sex chromosome evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13710-13715.	7.1	264
3	The Evolution of Reproductive Systems and Sex-Determining Mechanisms Within <i>Rumex</i> (Polygonaceae) Inferred from Nuclear and Chloroplastial Sequence Data. <i>Molecular Biology and Evolution</i> , 2005, 22, 1929-1939.	8.9	99
4	Recent Origin of Dioecious and Gynodioecious Y Chromosomes in Papaya. <i>Tropical Plant Biology</i> , 2008, 1, 49-57.	1.9	62
5	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. <i>BMC Genetics</i> , 2012, 13, 54.	2.7	62
6	Reduced Rates of Sequence Evolution of Y-Linked Satellite DNA in <i>Rumex</i> (Polygonaceae). <i>Journal of Molecular Evolution</i> , 2005, 60, 391-399.	1.8	55
7	Microcollinearity and genome evolution in the vicinity of an ethylene receptor gene of cultivated diploid and allotetraploid coffee species (<i>Coffea</i>). <i>Plant Journal</i> , 2011, 67, 305-317.	5.7	55
8	The origin and evolution of the variability in a Y-specific satellite-DNA of <i>Rumex acetosa</i> and its relatives. <i>Gene</i> , 2006, 368, 61-71.	2.2	49
9	Construction of physical maps for the sex-specific regions of papaya sex chromosomes. <i>BMC Genomics</i> , 2012, 13, 176.	2.8	39
10	The evolution of sex chromosomes in the genus <i>Rumex</i> (Polygonaceae): Identification of a new species with heteromorphic sex chromosomes. <i>Chromosome Research</i> , 2007, 15, 825-833.	2.2	37
11	Effect of location, organization, and repeat-copy number in satellite-DNA evolution. <i>Molecular Genetics and Genomics</i> , 2009, 282, 395-406.	2.1	36
12	Cloning and characterization of dispersed repetitive DNA derived from microdissected sex chromosomes of <i>Rumex acetosa</i> . <i>Genome</i> , 2006, 49, 114-121.	2.0	34
13	Genome-Wide Analysis of Repetitive Elements in Papaya. <i>Tropical Plant Biology</i> , 2008, 1, 191-201.	1.9	24
14	Molecular cytogenetic characterization of <i>Rumex papillaris</i> , a dioecious plant with an XX/XY1Y2 sex chromosome system. <i>Genetica</i> , 2009, 135, 87-93.	1.1	24
15	A satellite DNA evolutionary analysis in the North American endemic dioecious plant <i>Rumex hastatulus</i> (Polygonaceae). <i>Genome</i> , 2011, 54, 253-260.	2.0	21
16	SatDNA Analyzer: a computing tool for satellite-DNA evolutionary analysis. <i>Bioinformatics</i> , 2007, 23, 767-768.	4.1	20
17	Establishing the genetic relationships between the wild and cultivated olives using a nuclear intron from nitrate reductase (<i>nia-3</i>). <i>Plant Systematics and Evolution</i> , 2007, 269, 63-73.	0.9	19
18	First Haploid Genetic Map Based on Microsatellite Markers in Senegalese Sole (<i>Solea senegalensis</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	2.4	17

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19	The controversial telomeres of lily plants. <i>Cytogenetic and Genome Research</i> , 2005, 109, 144-147.	1.1	16
20	Patterns of tandem repetition in plant whole genome assemblies. <i>Molecular Genetics and Genomics</i> , 2009, 281, 579-590.	2.1	16
21	Chromosomal manipulation in Senegalese sole (<i>Solea senegalensis</i> Kaup, 1858): induction of triploidy and gynogenesis. <i>Journal of Applied Genetics</i> , 2015, 56, 77-84.	1.9	16
22	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
23	Characterization of RUSI, a telomere-associated satellite DNA, in the genus <i>Rumex</i> (Polygonaceae). <i>Cytogenetic and Genome Research</i> , 2009, 124, 81-89.	1.1	14
24	Validation and comparison of microsatellite markers derived from Senegalese sole (<i>Solea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td 2012, 12, 956-966.	4.8	12
25	The Molecular Cytogenetic Characterization of Pistachio (<i>Pistacia vera</i> L.) Suggests the Arrest of Recombination in the Largest Heteropycnotic Pair HC1. <i>PLoS ONE</i> , 2015, 10, e0143861.	2.5	11
26	Molecular characterization and evolution of an interspersed repetitive DNA family of oysters. <i>Genetica</i> , 2010, 138, 1211-1219.	1.1	9
27	Centromeric Satellite DNA in Flatfish (Order Pleuronectiformes) and Its Relation to Speciation Processes. <i>Journal of Heredity</i> , 2017, 108, esw076.	2.4	6
28	Detection and variability analyses of CRISPR-like loci in the <i>H. pylori</i> genome. <i>PeerJ</i> , 2019, 7, e6221.	2.0	4
29	Molecular characterization of the interspecific hybrid <i>Pistacia vigros</i> (<i>P. vera</i> L. – <i>P. atlantica</i> Desf.). <i>Scientia Horticulturae</i> , 2014, 179, 180-183.	3.6	3
30	Mycorrhizal treatments increase the compatibility between Pistachio (<i>Pistacia vera</i> L.) cultivars and seedling rootstock of <i>Pistacia terebinthus</i> L.. <i>Scientia Horticulturae</i> , 2014, 176, 79-84.	3.6	2
31	Papaya Repeat Database. , 2014, , 225-240.		1
32	Nutrient uptake efficiency of five pistachio (<i>Pistacia vera</i> L.) varieties. <i>Journal of Elementology</i> , 2015, , .	0.2	1
33	Potencial didáctico de la filatelia para estudiar Genética Mendeliana. <i>Didáctica De Las Ciencias Experimentales Y Sociales</i> , 2021, , 97.	0.1	0