

Artur da Câmara Machado

List of Publications by Year in descending order

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59
papers

2,330
citations

304743

22
h-index

206112

48
g-index

59
all docs

59
docs citations

59
times ranked

2305
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of microsatellite loci in olive (<i>Olea europaea</i>) and their characterization in Italian and Iberian olive trees. <i>Molecular Ecology</i> , 2000, 9, 1171-1173.	3.9	357
2	Genome-Wide Analysis Reveals Selection for Important Traits in Domestic Horse Breeds. <i>PLoS Genetics</i> , 2013, 9, e1003211.	3.5	240
3	Genetic Diversity in the Modern Horse Illustrated from Genome-Wide SNP Data. <i>PLoS ONE</i> , 2013, 8, e54997.	2.5	214
4	Efficient transformation of <i>Agrobacterium</i> spp. by electroporation. <i>Nucleic Acids Research</i> , 1989, 17, 6747-6747.	14.5	194
5	Regeneration of transgenic plants of <i>Prunus armeniaca</i> containing the coat protein gene of Plum Pox Virus. <i>Plant Cell Reports</i> , 1992, 11, 25-29.	5.6	138
6	Developing a 670k genotyping array to tag ~2M SNPs across 24 horse breeds. <i>BMC Genomics</i> , 2017, 18, 565.	2.8	116
7	The use of microsatellites for germplasm management in a Portuguese grapevine collection. <i>Theoretical and Applied Genetics</i> , 1999, 99, 733-739.	3.6	113
8	Identification of microsatellite loci in apricot. <i>Molecular Ecology Notes</i> , 2002, 2, 24-26.	1.7	90
9	Coat protein mediated resistance to Plum Pox Virus in <i>Nicotiana clevelandii</i> and <i>N. benthamiana</i> . <i>Plant Cell Reports</i> , 1992, 11, 30-33.	5.6	69
10	Discrimination of Portuguese grapevines based on microsatellite markers. <i>Journal of Biotechnology</i> , 2006, 127, 34-44.	3.8	52
11	Analysis of copy number variants by three detection algorithms and their association with body size in horses. <i>BMC Genomics</i> , 2013, 14, 487.	2.8	49
12	Localization of fruit tree viruses by immuno-tissue printing in infected shoots of <i>Malus</i> sp. and <i>Prunus</i> sp.. <i>Journal of Virological Methods</i> , 1995, 55, 157-173.	2.1	48
13	Standardization of a set of microsatellite markers for use in cultivar identification studies in olive (<i>Olea europaea</i> L.). <i>Scientia Horticulturae</i> , 2008, 116, 367-373.	3.6	48
14	New insights on the genetic basis of Portuguese grapevine and on grapevine domestication. <i>Genome</i> , 2009, 52, 790-800.	2.0	47
15	Molecular characterization of grapevine plants transformed with GFLV resistance genes: II. <i>Plant Cell Reports</i> , 2006, 25, 546-553.	5.6	46
16	The Lusitano horse maternal lineage based on mitochondrial D-loop sequence variation. <i>Animal Genetics</i> , 2005, 36, 196-202.	1.7	39
17	NEW ASPECTS OF VIRUS ELIMINATION IN FRUIT TREES. <i>Acta Horticulturae</i> , 1995, , 409-418.	0.2	35
18	Development and characterization of microsatellite loci from <i>Olea europaea</i> . <i>Molecular Ecology Notes</i> , 2006, 6, 1275-1277.	1.7	35

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19	GENETIC TRANSFORMATION OF CHERRY TREES. <i>Acta Horticulturae</i> , 1998, , 71-76.	0.2	29
20	Isolation and characterization of simple sequence repeat loci in <i>Rubus hochstetterorum</i> and their use in other species from the Rosaceae family. <i>Molecular Ecology Notes</i> , 2006, 6, 750-752.	1.7	24
21	Long-term stability of marker gene expression in <i>Prunus subhirtella</i> : A model fruit tree species. <i>Journal of Biotechnology</i> , 2007, 127, 310-321.	3.8	24
22	Diagnosis of <i>Theileria equi</i> infections in horses in the Azores using cELISA and nested PCR. <i>Ticks and Tick-borne Diseases</i> , 2013, 4, 242-245.	2.7	23
23	Development of flange and reticulate wall ingrowths in maize (<i>Zea mays</i> L.) endosperm transfer cells. <i>Protoplasma</i> , 2013, 250, 495-503.	2.1	21
24	Genetic diversity in the Maremmano horse and its relationship with other European horse breeds. <i>Animal Genetics</i> , 2010, 41, 53-55.	1.7	20
25	A new, efficient method using 8-hydroxy-quinolinol-sulfate for the initiation and establishment of tissue cultures of apple from adult material. <i>Plant Cell, Tissue and Organ Culture</i> , 1991, 27, 155-160.	2.3	19
26	Genetic diversity of an Azorean endemic and endangered plant species inferred from inter-simple sequence repeat markers. <i>AoB PLANTS</i> , 2014, 6, .	2.3	19
27	Arbuscular mycorrhizal fungal community composition associated with <i>Juniperus brevifolia</i> in native Azorean forest. <i>Acta Oecologica</i> , 2017, 79, 48-61.	1.1	19
28	Coat protein-mediated protection against plum pox virus in herbaceous model plants and transformation of apricot and plum. <i>Euphytica</i> , 1994, 77, 129-134.	1.2	17
29	SNP identification and polymorphism analysis in exon 2 of the horse <i>myostatin</i> gene. <i>Animal Genetics</i> , 2012, 43, 229-232.	1.7	15
30	Use of an ultrasound cell retention system for the size fractionation of somatic embryos of woody species. <i>Plant Cell Reports</i> , 2000, 19, 1057-1063.	5.6	14
31	Lignification of developing maize (<i>Zea mays</i> L.) endosperm transfer cells and starchy endosperm cells. <i>Frontiers in Plant Science</i> , 2014, 5, 102.	3.6	13
32	A BROAD-SPECTRUM PCR ASSAY COMBINED WITH RFLP ANALYSIS FOR DETECTION AND DIFFERENTIATION OF PLUM POX VIRUS ISOLATES. <i>Acta Horticulturae</i> , 1998, , 483-490.	0.2	13
33	Genetic diversity and population structure of the endemic Azorean juniper, <i>Juniperus brevifolia</i> (Seub.) Antoine, inferred from SSRs and ISSR markers. <i>Biochemical Systematics and Ecology</i> , 2015, 59, 314-324.	1.3	12
34	REGENERATION OF SHOOTS FROM LEAF DISCS AND STEM MICROCUTTINGS OF FRUIT TREES AS A TOOL FOR TRANSFORMATION. <i>Acta Horticulturae</i> , 1989, , 85-92.	0.2	10
35	Expression of the plum pox virus coat protein region in <i>Escherichia coli</i> . <i>Virus Genes</i> , 1989, 2, 119-127.	1.6	9
36	TRANSFORMATION OF SOMATIC EMBRYOS OF VITIS SP. WITH DIFFERENT CONSTRUCTS CONTAINING NUCLEOTIDE SEQUENCES FROM NEPOVIRUS COAT PROTEIN GENES. <i>Acta Horticulturae</i> , 1997, , 265-272.	0.2	9

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37	The use of microsatellites to analyze relationships and to decipher homonyms and synonyms in Azorean apples (<i>Malus domestica</i> Borkh.). <i>Plant Systematics and Evolution</i> , 2012, 298, 1297-1313.	0.9	9
38	Morphological and genetic characterization of an emerging Azorean horse breed: the Terceira Pony. <i>Frontiers in Genetics</i> , 2015, 6, 62.	2.3	9
39	Improved virus detection in rosaceous fruit trees in vitro. <i>Plant Cell, Tissue and Organ Culture</i> , 1998, 52, 3-6.	2.3	8
40	PHYTOSANITARY IMPROVEMENT OF FRUIT TREE SPECIES: DIAGNOSTIC STRATEGIES IN VIRUS-INDEXING OF IN VITRO PLANTS. <i>Acta Horticulturae</i> , 1998, , 511-516.	0.2	8
41	EXPRESSION OF THE PLUM POX VIRUS COAT PROTEIN GENE IN <i>NICOTIANA CLEVELANDII</i> . <i>Acta Horticulturae</i> , 1990, , 577-580.	0.2	7
42	GENE TRANSFER METHODS FOR THE PATHOGEN-MEDIATED RESISTANCE BREEDING IN FRUIT TREES. <i>Acta Horticulturae</i> , 1995, , 193-202.	0.2	7
43	DISTRIBUTION OF APPLE CHLOROTIC LEAFSPOT VIRUS IN APPLE SHOOTS CULTIVATED IN VITRO. <i>Acta Horticulturae</i> , 1995, , 187-194.	0.2	6
44	Fine mapping a quantitative trait locus on horse chromosome 2 associated with radiological signs of navicular disease in Hanoverian warmblood horses. <i>Animal Genetics</i> , 2009, 40, 955-957.	1.7	5
45	Coat protein-mediated protection against plum pox virus in herbaceous model plants and transformation of apricot and plum. <i>Developments in Plant Breeding</i> , 1994, , 349-354.	0.2	5
46	COAT PROTEIN-MEDIATED PROTECTION AGAINST PLUM POX VIRUS. <i>Acta Horticulturae</i> , 1992, , 203-210.	0.2	5
47	Rhizogenesis in stem discs of <i>Malus pumila</i> rootstock M9. Hormonal and environmental effects on root induction and callus formation. <i>Plant Cell Reports</i> , 1995, 14, 679-683.	5.6	4
48	Genetic Transformation in <i>Prunus armeniaca</i> L. (Apricot). <i>Biotechnology in Agriculture and Forestry</i> , 1995, , 240-254.	0.2	4
49	In vitro propagation of <i>Picconia azorica</i> (Tutin) Knobl. (Oleaceae) an Azorean endangered endemic plant species. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	3
50	TRANSFORMATION AND REGENERATION OF PLANTS OF <i>PRUNUS ARMENIACA</i> WITH THE COAT PROTEIN GENE OF PLUM POX VIRUS. <i>Acta Horticulturae</i> , 1992, , 183-190.	0.2	2
51	Refinement of quantitative trait loci on equine chromosome 10 for radiological signs of navicular disease in Hanoverian warmblood horses. <i>Animal Genetics</i> , 2010, 41, 36-40.	1.7	2
52	PROGRESS IN PATHOGEN-MEDIATED RESISTANCE BREEDING AGAINST PLUM POX VIRUS. <i>Acta Horticulturae</i> , 1995, , 318-326.	0.2	2
53	DIAGNOSIS OF VIRAL DISEASES IN STONE FRUITS CULTIVATED IN THE AZOREAN ISLANDS TERCEIRA AND GRACIOSA. <i>Acta Horticulturae</i> , 1998, , 537-542.	0.2	2
54	Approaches to pathogen-mediated resistance breeding against plum pox potyvirus in stone-fruit trees. <i>EPPO Bulletin</i> , 1994, 24, 697-704.	0.8	1

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55	Improved Virus Detection in Rosaceous Fruit Trees in vitro. <i>Developments in Plant Pathology</i> , 1997, , 23-29.	0.1	1
56	TRANSFORMATION OF WOODY SPECIES: STATE OF THE ART. <i>Acta Horticulturae</i> , 2006, , 747-752.	0.2	0
57	GENOTYPING OF VITIS CULTIVARS USED FOR THE PRODUCTION OF VQPRD AND VLQPRD IN THE AZORES BY MICROSATELLITE MARKERS. <i>Acta Horticulturae</i> , 2000, , 191-194.	0.2	0
58	SURVEY, PHENOLOGIC DEVELOPMENT AND MOLECULAR CHARACTERIZATION OF CHESTNUT TRADITIONAL VARIETIES FROM TERCEIRA ISLAND MADE BY GERMOBANCO III PROJECT. <i>Acta Horticulturae</i> , 2008, , 127-132.	0.2	0
59	ASSESSMENT OF GENETIC VARIABILITY WITHIN AND AMONG PORTUGUESE APPLE CULTIVARS REVEALED BY SSRS. <i>Acta Horticulturae</i> , 2011, , 371-378.	0.2	0