

Alain Ducos

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

899
citations

394390

19
h-index

501174

28
g-index

51
all docs

51
docs citations

51
times ranked

602
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytogenetic screening of livestock populations in Europe: an overview. <i>Cytogenetic and Genome Research</i> , 2008, 120, 26-41.	1.1	110
2	Chromosomal control of pig populations in France: 2002–2006 survey. <i>Genetics Selection Evolution</i> , 2007, 39, 583-97.	3.0	44
3	Identification of a doublet missense substitution in the bovine LRP4 gene as a candidate causal mutation for syndactyly in Holstein cattle. <i>Genomics</i> , 2006, 88, 610-621.	2.9	43
4	Nine new cases of reciprocal translocation in the domestic pig (<i>Sus scrofa domestica</i> L.). <i>Journal of Heredity</i> , 1998, 89, 136-142.	2.4	41
5	Mitochondrial haplotypes of European wild boars with 2n=36 are closely related to those of European domestic pigs with 2n=38. <i>Animal Genetics</i> , 2006, 37, 459-464.	1.7	35
6	Sperm nuclei analysis of 1/29 Robertsonian translocation carrier bulls using fluorescence in situ hybridization. <i>Cytogenetic and Genome Research</i> , 2006, 112, 241-247.	1.1	33
7	Meiotic segregation analysis in cows carrying the t(1;29) Robertsonian translocation. <i>Cytogenetic and Genome Research</i> , 2008, 120, 91-96.	1.1	32
8	Estimation of the proportion of genetically unbalanced spermatozoa in the semen of boars carrying chromosomal rearrangements using FISH on sperm nuclei. <i>Genetics Selection Evolution</i> , 2004, 36, 123-37.	3.0	30
9	Fluorescence in situ Hybridization Applied to Domestic Animal Cytogenetics. <i>Cytogenetic and Genome Research</i> , 2009, 126, 34-48.	1.1	30
10	Chromosomal rearrangements in cattle and pigs revealed by chromosome microdissection and chromosome painting. <i>Genetics Selection Evolution</i> , 2003, 35, 685-96.	3.0	29
11	Meiotic studies in an azoospermic boar carrying a Y;14 translocation. <i>Cytogenetic and Genome Research</i> , 2008, 120, 106-111.	1.1	27
12	Meiotic Recombination Analyses of Individual Chromosomes in Male Domestic Pigs (<i>Sus scrofa</i>)	2.5	26
13	Genetic parameters of backfat thickness, age at 100 kg and ultimate pH in on-farm tested French Landrace and Large White pigs. <i>Livestock Science</i> , 1994, 40, 291-301.	1.2	25
14	Chromosomal Abnormalities in Hypoprolific Boars. <i>Hereditas</i> , 2004, 132, 55-62.	1.4	25
15	Genetic correlations between production and reproductive traits measured on the farm, in the Large White and French Landrace pig breeds. <i>Journal of Animal Breeding and Genetics</i> , 1996, 113, 493-504.	2.0	24
16	Comparison of male and female meiotic segregation patterns in translocation heterozygotes: a case study in an animal model (<i>Sus scrofa domestica</i> L.). <i>Human Reproduction</i> , 2005, 20, 2476-2482.	0.9	24
17	Influence of sex on the meiotic segregation of a t(13;17) Robertsonian translocation: a case study in the pig. <i>Human Reproduction</i> , 2009, 24, 2034-2043.	0.9	24
18	Cytogenetic and molecular characterization of eight new reciprocal translocations in the pig species. Estimation of their incidence in French populations. <i>Genetics Selection Evolution</i> , 2002, 34, 389-406.	3.0	22

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19	Studies of male and female meiosis in inv(4)(p1.4;q2.3) pig carriers. <i>Chromosome Research</i> , 2010, 18, 925-938.	2.2	21
20	Y-Autosome Translocation Interferes with Meiotic Sex Inactivation and Expression of Autosomal Genes: A Case Study in the Pig. <i>Sexual Development</i> , 2012, 6, 143-150.	2.0	18
21	Genetic correlations between test station and on-farm performance traits in Large White and French Landrace pig breeds. <i>Livestock Science</i> , 1996, 45, 55-62.	1.2	17
22	Characterization of reciprocal translocations in pigs using dual-colour chromosome painting and primed in situ DNA labelling. <i>Chromosome Research</i> , 1998, 6, 361-366.	2.2	16
23	A new reciprocal translocation in a subfertile bull. <i>Genetics Selection Evolution</i> , 2000, 32, 589-98.	3.0	15
24	Five New Cases of Reciprocal Translocation in the Domestic Pig. <i>Hereditas</i> , 2004, 128, 221-229.	1.4	15
25	Study of inter- and intra-individual variation of meiotic segregation patterns in t(3;15)(q27;q13) boars. <i>Theriogenology</i> , 2008, 70, 655-661.	2.1	14
26	63,XO/65,XYY mosaicism in a case of equine male pseudohermaphroditism. <i>Veterinary Record</i> , 2001, 148, 24-25.	0.3	13
27	A case of intersexuality in pigs associated with a <i>de novo</i> paracentric inversion 9 (p1.2; p2.2). <i>Animal Genetics</i> , 2002, 33, 69-71.	1.7	13
28	Analysis Using Sperm-FISH of a Putative Interchromosomal Effect in Boars Carrying Reciprocal Translocations. <i>Cytogenetic and Genome Research</i> , 2009, 126, 194-201.	1.1	13
29	Chromosomal imbalance in pigs showing a syndromic form of cleft palate. <i>BMC Genomics</i> , 2019, 20, 349.	2.8	13
30	Male Meiotic Segregation Analyses of Peri- and Paracentric Inversions in the Pig Species. <i>Cytogenetic and Genome Research</i> , 2009, 125, 117-124.	1.1	12
31	Cleft palate associated with an unbalanced karyotype in piglets sired by a heterozygous carrier boar with a balanced constitutional reciprocal translocation. <i>Veterinary Record</i> , 2004, 154, 659-661.	0.3	11
32	Cytogenetic analysis of somatic and germinal cells from 38,XX/38,XY phenotypically normal boars. <i>Theriogenology</i> , 2014, 81, 368-372.e1.	2.1	11
33	Genome-wide analysis of hybridization in wild boar populations reveals adaptive introgression from domestic pig. <i>Evolutionary Applications</i> , 2022, 15, 1115-1128.	3.1	9
34	Meiotic Studies of a 38,XY/39,XXY Mosaic Boar. <i>Cytogenetic and Genome Research</i> , 2011, 133, 202-208.	1.1	8
35	Meiotic Recombination Analyses in Pigs Carrying Different Balanced Structural Chromosomal Rearrangements. <i>PLoS ONE</i> , 2016, 11, e0154635.	2.5	8
36	Meiotic pairing and gene expression disturbance in germ cells from an infertile boar with a balanced reciprocal autosome-autosome translocation. <i>Chromosome Research</i> , 2016, 24, 511-527.	2.2	8

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37	Analysis of Meiotic Segregation Pattern and Interchromosomal Effects in a Bull Heterozygous for a 3/16 Robertsonian Translocation. <i>Cytogenetic and Genome Research</i> , 2018, 156, 197-203.	1.1	7
38	Genetic parameters of backfat thickness, age at 100 kg and meat quality traits in Pietrain pigs. <i>Animal Research</i> , 1994, 43, 141-149.	0.6	6
39	Chromosomal rearrangements in $\frac{1}{2}$ cattle and $\frac{1}{2}$ pigs revealed by $\frac{1}{2}$ chromosome microdissection and $\frac{1}{2}$ chromosome painting. <i>Genetics Selection Evolution</i> , 2003, 35, 685-696.	3.0	5
40	Estimation of genetic parameters and genetic trends for production traits in the Sino-European Tiamieslan composite line. <i>Journal of Animal Breeding and Genetics</i> , 1992, 109, 108-118.	2.0	4
41	Estimation of the proportion of genetically unbalanced spermatozoa in the semen of boars carrying chromosomal rearrangements using FISH on sperm nuclei. <i>Genetics Selection Evolution</i> , 2004, 36, 123-137.	3.0	4
42	Trisomy 26 mosaicism in a sterile Holstein-Friesian heifer. <i>Veterinary Record</i> , 2000, 146, 163-164.	0.3	3
43	A Generalized Caprine-like Hypoplasia Syndrome is localized within a 6-cM interval on bovine chromosome 13 in the Montbéliarde breed. <i>Animal Genetics</i> , 2008, 39, 112-120.	1.7	1
44	Meiotic Silencing in Pigs: A Case Study in a Translocated Azoospermic Boar. <i>Genes</i> , 2021, 12, 1137.	2.4	1
45	Chromosomal control of pig populations in France: 2002-2006 survey. <i>Genetics Selection Evolution</i> , 2007, 39, 583-597.	3.0	1
46	Quelles performances pour les animaux de demain ? Objectifs et méthodes de sélection. <i>INRA Productions Animales</i> , 0, , 233-246.	0.5	1
47	Intraindividual Variation of Meiotic Recombination Parameters in Pig Spermatocytes: A Preliminary Study. <i>Cytogenetic and Genome Research</i> , 2018, 154, 229-233.	1.1	0
48	Multivariate restricted maximum likelihood estimation of genetic parameters for growth, carcass and meat quality traits in French Large White and French Landrace pigs. <i>Genetics Selection Evolution</i> , 1993, 25, 475-493.	3.0	0
49	A pericentric inversion of chromosome 4 in pigs. <i>Genetics Selection Evolution</i> , 1997, 29, 383-394.	3.0	0
50	A new Robertsonian translocation in Holstein-Friesian cattle. <i>Genetics Selection Evolution</i> , 1997, 29, 523-526.	3.0	0