

Ino Curik

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

2,550
citations

257450

24
h-index

214800

47
g-index

75
all docs

75
docs citations

75
times ranked

2321
citing authors

#	ARTICLE	IF	CITATIONS
1	Inbreeding and runs of homozygosity: A possible solution to an old problem. <i>Livestock Science</i> , 2014, 166, 26-34.	1.6	283
2	A cis-acting regulatory mutation causes premature hair graying and susceptibility to melanoma in the horse. <i>Nature Genetics</i> , 2008, 40, 1004-1009.	21.4	271
3	Estimating autozygosity from high-throughput information: effects of SNP density and genotyping errors. <i>Genetics Selection Evolution</i> , 2013, 45, 42.	3.0	227
4	Estimates of autozygosity derived from runs of homozygosity: empirical evidence from selected cattle populations. <i>Journal of Animal Breeding and Genetics</i> , 2013, 130, 286-293.	2.0	196
5	Genome-wide mapping and estimation of inbreeding depression of semen quality traits in a cattle population. <i>Journal of Dairy Science</i> , 2017, 100, 4721-4730.	3.4	89
6	Equine melanoma in a population of 296 grey Lipizzaner horses. <i>Equine Veterinary Journal</i> , 2010, 35, 153-157.	1.7	73
7	Microsatellite diversity, population subdivision and gene flow in the Lipizzan horse. <i>Animal Genetics</i> , 2004, 35, 285-292.	1.7	69
8	Assessment of autozygosity in Nellore cows (<i>Bos indicus</i>) through high-density SNP genotypes. <i>Frontiers in Genetics</i> , 2015, 6, 5.	2.3	69
9	Inbreeding, Microsatellite Heterozygosity, and Morphological Traits in Lipizzan Horses. , 2003, 94, 125-132.		66
10	Prospects and challenges for the conservation of farm animal genomic resources, 2015-2025. <i>Frontiers in Genetics</i> , 2015, 6, 314.	2.3	64
11	On the origin of European sheep as revealed by the diversity of the Balkan breeds and by optimizing population-genetic analysis tools. <i>Genetics Selection Evolution</i> , 2020, 52, 25.	3.0	58
12	Complex Inheritance of Melanoma and Pigmentation of Coat and Skin in Grey Horses. <i>PLoS Genetics</i> , 2013, 9, e1003248.	3.5	55
13	Prediction of breed composition in an admixed cattle population. <i>Animal Genetics</i> , 2012, 43, 696-703.	1.7	54
14	Yâ€specific microsatellites reveal an African subfamily in taurine (<i>Bos taurus</i>) cattle. <i>Animal Genetics</i> , 2010, 41, 232-241.	1.7	51
15	Multiple paternal origins of domestic cattle revealed by Y-specific interspersed multilocus microsatellites. <i>Heredity</i> , 2010, 105, 511-519.	2.6	50
16	Whole-Genome Resequencing of Worldwide Wild and Domestic Sheep Elucidates Genetic Diversity, Introgression, and Agronomically Important Loci. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	50
17	Paternal Origins and Migratory Episodes of Domestic Sheep. <i>Current Biology</i> , 2020, 30, 4085-4095.e6.	3.9	49
18	Genomic analysis for managing small and endangered populations: a case study in Tyrol Grey cattle. <i>Frontiers in Genetics</i> , 2015, 6, 173.	2.3	46

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19	Influence of environmental and genetic factors on allergen-specific immunoglobulin-E levels in sera from Lipizzan horses. <i>Equine Veterinary Journal</i> , 2010, 33, 714-720.	1.7	40
20	Genomic characterization of Pinzgau cattle: genetic conservation and breeding perspectives. <i>Conservation Genetics</i> , 2017, 18, 893-910.	1.5	39
21	Individual-based assessment of population structure and admixture in Austrian, Croatian and German draught horses. <i>Heredity</i> , 2007, 98, 114-122.	2.6	34
22	Copy number expansion of the STX17 duplication in melanoma tissue from Grey horses. <i>BMC Genomics</i> , 2012, 13, 365.	2.8	34
23	<scp>grain</scp>: a computer program to calculate ancestral and partial inbreeding coefficients using a gene dropping approach. <i>Journal of Animal Breeding and Genetics</i> , 2015, 132, 100-108.	2.0	33
24	Trypanosomosis: potential driver of selection in African cattle. <i>Frontiers in Genetics</i> , 2015, 6, 137.	2.3	32
25	Misidentification of runs of homozygosity islands in cattle caused by interference with copy number variation or large intermarker distances. <i>Genetics Selection Evolution</i> , 2018, 50, 43.	3.0	32
26	Genomic dissection of inbreeding depression: a gate to new opportunities. <i>Revista Brasileira De Zootecnia</i> , 2017, 46, 773-782.	0.8	26
27	Genetic diversity and population structure of the synthetic Pannon White rabbit revealed by pedigree analyses1. <i>Journal of Animal Science</i> , 2010, 88, 1267-1275.	0.5	25
28	Genetic analysis of hybridization between domesticated endangered pig breeds and wild boar. <i>Livestock Science</i> , 2014, 162, 1-4.	1.6	25
29	Bayesian inference of inbreeding effects on litter size and gestation length in Hungarian Landrace and Hungarian Large White pigs. <i>Livestock Science</i> , 2007, 112, 109-114.	1.6	22
30	Revised Calculation of Kalinowski's Ancestral and New Inbreeding Coefficients. <i>Diversity</i> , 2020, 12, 155.	1.7	22
31	Evaluation of ancestral inbreeding coefficients: Ballou's formula versus gene dropping. <i>Conservation Genetics</i> , 2007, 8, 489-495.	1.5	20
32	Mitochondrial <scp>DNA</scp> and <scp>Y</scp>-chromosome diversity in <scp>E</scp>-ast <scp>A</scp>-driatic sheep. <i>Animal Genetics</i> , 2013, 44, 184-192.	1.7	20
33	Genetic relationships among <scp>A</scp>-merican donkey populations: insights into the process of colonization. <i>Journal of Animal Breeding and Genetics</i> , 2016, 133, 155-164.	2.0	20
34	AUTALASSO: an automatic adaptive LASSO for genome-wide prediction. <i>BMC Bioinformatics</i> , 2019, 20, 167.	2.6	20
35	Pannon breeding program in rabbit at Kaposvr University. <i>World Rabbit Science</i> , 2014, 22, 287.	0.6	20
36	The contribution of dominance and inbreeding depression in estimating variance components for litter size in Pannon White rabbits. <i>Journal of Animal Breeding and Genetics</i> , 2013, 130, 303-311.	2.0	19

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37	Quantitative genetic aspects of coat color in horses ¹ . <i>Journal of Animal Science</i> , 2006, 84, 2623-2628.	0.5	18
38	Lack of mitochondrial <i>DNA</i> structure in <i>Balkan</i> donkey is consistent with a quick spread of the species after domestication. <i>Animal Genetics</i> , 2014, 45, 144-147.	1.7	17
39	Locus-specific ancestry to detect recent response to selection in admixed Swiss Fleckvieh cattle. <i>Animal Genetics</i> , 2016, 47, 637-646.	1.7	17
40	Conservation Genomic Analysis of the Croatian Indigenous Black Slavonian and Turopolje Pig Breeds. <i>Frontiers in Genetics</i> , 2020, 11, 261.	2.3	17
41	Association between the MHC gene region and variation of serum IgE levels against specific mould allergens in the horse. <i>Genetics Selection Evolution</i> , 2003, 35, S177-90.	3.0	16
42	Estimation of additive and dominance variance for litter size components in rabbits. <i>Czech Journal of Animal Science</i> , 2014, 59, 182-189.	1.3	15
43	Timing and Extent of Inbreeding in African Goats. <i>Frontiers in Genetics</i> , 2019, 10, 537.	2.3	15
44	Effects of models with finite loci, selection, dominance, epistasis and linkage on inbreeding coefficients based on pedigree and genotypic information. <i>Journal of Animal Breeding and Genetics</i> , 2002, 119, 101-115.	2.0	13
45	Influence of habitat fragmentation on population structure of red deer in Croatia. <i>Mammalian Biology</i> , 2013, 78, 290-295.	1.5	9
46	Are the dinaric mountains a boundary between continental and mediterranean wild boar populations in Croatia?. <i>European Journal of Wildlife Research</i> , 2016, 62, 167-177.	1.4	9
47	Hierarchical structure of the Sicilian goats revealed by Bayesian analyses of microsatellite information. <i>Animal Genetics</i> , 2011, 42, 93-95.	1.7	8
48	Genetic diversity of local cattle*. <i>Acta Biochimica Polonica</i> , 2018, 65, 421-424.	0.5	8
49	Phenotypic Correlations of Stride Traits and Body Measurements in Lipizzaner Stallions and Mares. <i>Journal of Equine Veterinary Science</i> , 2009, 29, 513-518.	0.9	7
50	Computational approach to utilisation of mitochondrial DNA in the verification of complex pedigree errors. <i>Livestock Science</i> , 2014, 169, 42-47.	1.6	7
51	MaGellAn 1.0: a software to facilitate quantitative and population genetic analysis of maternal inheritance by combination of molecular and pedigree information. <i>Genetics Selection Evolution</i> , 2016, 48, 65.	3.0	7
52	Genome-wide mapping of the dominance effects based on breed ancestry for semen traits in admixed Swiss Fleckvieh bulls. <i>Journal of Dairy Science</i> , 2019, 102, 11217-11224.	3.4	7
53	Sequence polymorphism of PrP exon 3 gene in Istrian and crossbred sheep. <i>Italian Journal of Animal Science</i> , 2009, 8, 86-88.	1.9	6
54	Extensive polymorphism of the major histocompatibility complex <i>DRA</i> gene in Balkan donkeys: perspectives on selection and genealogy. <i>Animal Genetics</i> , 2013, 44, 711-716.	1.7	6

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55	Population structure and genetic history of Tibetan Terriers. <i>Genetics Selection Evolution</i> , 2019, 51, 79.	3.0	5
56	Origin of porcine circovirus type 2 (PCV2) from swine affected by PCV2-associated diseases in Croatia. <i>Veterinary Record</i> , 2014, 174, 431-431.	0.3	4
57	Effects of breed proportion and components of heterosis for semen traits in a composite cattle breed. <i>Journal of Animal Breeding and Genetics</i> , 2018, 135, 45-53.	2.0	4
58	Inbreeding depression for kit survival at birth in a rabbit population under long-term selection. <i>Genetics Selection Evolution</i> , 2020, 52, 39.	3.0	4
59	Genomic Characterization of the Three Balkan Livestock Guardian Dogs. <i>Sustainability</i> , 2021, 13, 2289.	3.2	4
60	Association of inbreeding and regional equine leucocyte antigen homozygosity with the prevalence of insect bite hypersensitivity in Old Kladruber horse. <i>Animal Genetics</i> , 2021, 52, 422-430.	1.7	4
61	Modeling variance structure of body shape traits of Lipizzan horses ¹ . <i>Journal of Animal Science</i> , 2010, 88, 2868-2882.	0.5	3
62	Analysis of the impact of cytoplasmic and mitochondrial inheritance on litter size and carcass in rabbits. <i>World Rabbit Science</i> , 2018, 26, 287.	0.6	3
63	Two detrimental mutations in cattle mitogenome indicate the presence of Leber's hereditary optic neuropathy. <i>Journal of Central European Agriculture</i> , 2019, 20, 19-24.	0.6	3
64	Challenging Sustainable and Innovative Technologies in Cheese Production: A Review. <i>Processes</i> , 2022, 10, 529.	2.8	3
65	Diversity of equine major histocompatibility complex class II DRA locus in Posavina and Croatian Coldblood horse: a new polymorphism detected. <i>Italian Journal of Animal Science</i> , 2009, 8, 77-79.	1.9	2
66	Production type of Slovak Pinzgau cattle in respect of related breeds. <i>Acta Fytotechnica Et Zootechnica</i> , 2015, 18, 25-29.	0.2	2
67	Bayesian inference of genetic parameters on litter size and gestation length in Hungarian Landrace and Hungarian Large White pigs. <i>Italian Journal of Animal Science</i> , 2009, 8, 68-70.	1.9	1
68	Maternal variability of Croatian Spotted goat (<i>Capra hircus</i>). <i>Czech Journal of Animal Science</i> , 2019, 64, 248-254.	1.3	1
69	Extent of genome-wide linkage disequilibrium in Pinzgau cattle. <i>Journal of Central European Agriculture</i> , 2016, 17, 294-302.	0.6	1
70	The Consequences of Mitochondrial T10432C Mutation in Cika Cattle: A "Potential" Model for Leber's Hereditary Optic Neuropathy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6335.	4.1	1
71	Body shape analysis of Bosnian mountain horses using Procrustes statistics. <i>Italian Journal of Animal Science</i> , 2009, 8, 131-133.	1.9	0
72	GENEALOGICAL DECOMPOSITION OF THE EFFECTIVE POPULATION SIZE: A CASE STUDY ON CROATIAN AUTOCHTHONOUS CATTLE BREEDS. <i>Poljoprivreda</i> , 2015, 21, 52-55.	0.5	0

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73	Estimation of dominance effects for reproductive, growth and carcass traits of Pannon White rabbits. <i>Journal of Central European Agriculture</i> , 2019, 20, 581-584.	0.6	0
74	The effect of DNA quality on the sequencing success of cattle. <i>Journal of Central European Agriculture</i> , 2018, 19, 804-809.	0.6	0