Felix Goyache

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5684550/publications.pdf

Version: 2024-02-01

132 papers	4,862 citations	117453 34 h-index	110170 64 g-index
134 all docs	134 docs citations	134 times ranked	3556 citing authors

#	Article	IF	Citations
1	Population Structure Assessed Using Microsatellite and SNP Data: An Empirical Comparison in West African Cattle. Animals, 2021, 11, 151.	1.0	8
2	Functional characterization of Copy Number Variations regions in DjallonkÃ© sheep. Journal of Animal Breeding and Genetics, 2021, 138, 600-612.	0.8	10
3	Breeding Strategies to Optimize Effective Population Size in Low Census Captive Populations: The Case of Gazella cuvieri. Animals, 2021, 11, 1559.	1.0	2
4	Ancient autozygous segments subject to positive selection suggest adaptive immune responses in West African cattle. Gene, 2021, 803, 145899.	1.0	6
5	Metabolomic Profiling of Bos taurus Beef, Dairy, and Crossbred Cattle: A Between-Breeds Meta-Analysis. Journal of Agricultural and Food Chemistry, 2020, 68, 8732-8743.	2.4	10
6	Ancient Homozygosity Segments in West African DjallonkÃ© Sheep Inform on the Genomic Impact of Livestock Adaptation to the Environment. Animals, 2020, 10, 1178.	1.0	7
7	Genomic scan of selective sweeps in DjallonkÃ© (West African Dwarf) sheep shed light on adaptation to harsh environments. Scientific Reports, 2020, 10, 2824.	1.6	15
8	Identification of genomic regions and candidate genes of functional importance for gastrointestinal parasite resistance traits in DjallonkÃ© sheep of Burkina Faso. Archives Animal Breeding, 2019, 62, 313-323.	0.5	12
9	Usefulness of running animal models in absence of pedigrees: Estimation of genetic parameters for gastrointestinal parasite resistance traits in DjallonkÃ© sheep of Burkina Faso. Small Ruminant Research, 2018, 160, 81-88.	0.6	12
10	Legacies of domestication, trade and herder mobility shape extant male zebu cattle diversity in South Asia and Africa. Scientific Reports, 2018, 8, 18027.	1.6	23
11	Resistance to gastrointestinal parasite infection in DjallonkÃ© sheep. Animal, 2017, 11, 1354-1362.	1.3	15
12	Contributions to diversity rather than basic measures of genetic diversity characterise the spreading of donkey throughout the American continent. Livestock Science, 2017, 197, 1-7.	0.6	6
13	Differences in genetic structure assessed using Yâ€chromosome and mitochondrial <scp>DNA</scp> markers do not shape the contributions to diversity in African sires. Journal of Animal Breeding and Genetics, 2017, 134, 393-404.	0.8	7
14	Protein in culture and endogenous lipid interact with embryonic stages in vitro to alter calf birthweight after embryo vitrification and warming. Reproduction, Fertility and Development, 2017, 29, 1932.	0.1	19
15	Differential distribution of Y-chromosome haplotypes in Swiss and Southern European goat breeds. Scientific Reports, 2017, 7, 16161.	1.6	9
16	Morphological assessment of Niger Kuri cattle using multivariate methods. South African Journal of Animal Sciences, 2017, 47, 505.	0.2	6
17	Morphological assessment of the Zebu Bororo (WodaabÃ©) cattle of Niger in the West African zebu framework. Archives Animal Breeding, 2017, 60, 363-371.	0.5	6
18	Genealogical analysis of the Gochu Asturcelta pig breed: insights for conservation. Czech Journal of Animal Science, 2016, 61, 140-149.	0.5	9

#	Article	IF	Citations
19	A genome-wide perspective about the diversity and demographic history of seven Spanish goat breeds. Genetics Selection Evolution, 2016, 48, 52.	1.2	63
20	Lack of specific alleles for the bovine chemokine (C-X-C) receptor type 4 (CXCR4) gene in West African cattle questions its role as a candidate for trypanotolerance. Infection, Genetics and Evolution, 2016, 42, 30-33.	1.0	7
21	Assessing performance of singleâ€sample molecular genetic methods to estimate effective population size: empirical evidence from the endangered Gochu Asturcelta pig breed. Ecology and Evolution, 2016, 6, 4971-4980.	0.8	7
22	Lack of haplotype structuring for two candidate genes for trypanotolerance in cattle. Journal of Animal Breeding and Genetics, 2016, 133, 105-114.	0.8	11
23	Genetic characterisation of the endangered Gochu Asturcelta pig breed using microsatellite and mitochondrial markers: Insights for the composition of the Iberian native pig stock. Livestock Science, 2016, 187, 162-167.	0.6	9
24	Genetic relationships among <scp>A</scp>merican donkey populations: insights into the process of colonization. Journal of Animal Breeding and Genetics, 2016, 133, 155-164.	0.8	20
25	African Cattle do not Carry Unique Mutations on the Exon 9 of the ARHGAP15 Gene. Animal Biotechnology, 2016, 27, 9-12.	0.7	14
26	Multivariate characterization of morphological traits in West African cattle sires. Archives Animal Breeding, 2016, 59, 337-344.	0.5	14
27	Detecting the T1 cattle haplogroup in the Iberian Peninsula from Neolithic to medieval times: new clues to continuous cattle migration through time. Journal of Archaeological Science, 2015, 59, 110-117.	1.2	20
28	Geographical assessment of body measurements and qualitative traits in West African cattle. Tropical Animal Health and Production, 2015, 47, 1505-1513.	0.5	17
29	Multiple paternity in domestic pigs under equally probable natural matings â€“ a case study in the endangered Gochu Asturcelta pig breed. Archives Animal Breeding, 2015, 58, 217-220.	0.5	7
30	Lack of mitochondrial <scp>DNA</scp> structure in <scp>B</scp>alkan donkey is consistent with a quick spread of the species after domestication. Animal Genetics, 2014, 45, 144-147.	0.6	17
31	Assessing introgression of Sahelian zebu genes into native Bos taurus breeds in Burkina Faso. Molecular Biology Reports, 2014, 41, 3745-3754.	1.0	17
32	Primary and secondary experimental infestation of rabbits (Oryctolagus cuniculus) with Sarcoptes scabiei from a wild rabbit: Factors determining resistance to reinfestation. Veterinary Parasitology, 2014, 203, 173-183.	0.7	29
33	Estimates of direct and indirect effects for early juvenile survival in captive populations maintained for conservation purposes: the case of Cuvier's gazelle. Ecology and Evolution, 2014, 4, 4117-4129.	0.8	8
34	Elements of functional genital asymmetry in the cow. Reproduction, Fertility and Development, 2014, 26, 493.	0.1	11
35	Genetic relationships between six eastern Pyrenean sheep breeds assessed using microsatellites. Spanish Journal of Agricultural Research, 2014, 12, 1029.	0.3	6
36	Mitochondrial <scp>DNA</scp> and <scp>Y</scp>â€chromosome diversity in <scp>E</scp>ast <scp>A</scp>driatic sheep. Animal Genetics, 2013, 44, 184-192.	0.6	20

#	Article	IF	Citations
37	Mitochondrial analysis sheds light on the origin of hair sheep. Animal Genetics, 2013, 44, 344-347.	0.6	18
38	Short communication. Mitochondrial DNA diversity of the founder populations of the AsturcÃ³n pony. Spanish Journal of Agricultural Research, 2013, 11, 702.	0.3	1
39	Association between body and udder morphological traits and dairy performance in Spanish Assaf sheep. Archives Animal Breeding, 2013, 56, 430-442.	0.5	10
40	111 FUNCTIONAL AND MOLECULAR GENITAL ASYMMETRY IN THE COW. Reproduction, Fertility and Development, 2013, 25, 203.	0.1	0
41	Assessing priorities for conservation in Tuscan cattle breeds using microsatellites. Animal, 2012, 6, 203-211.	1.3	12
42	Ascertaining gene flow patterns in livestock populations of developing countries: a case study in Burkina Faso goat. BMC Genetics, 2012, 13, 35.	2.7	19
43	Prion protein gene polymorphism in four West African sheep populations. Tropical Animal Health and Production, 2012, 44, 1469-1472.	0.5	5
44	Learning data structure from classes: A case study applied to population genetics. Information Sciences, 2012, 193, 22-35.	4.0	0
45	Cytoplasmic line effects for birth weight and preweaning growth traits in the Asturiana de los Valles beef cattle breed. Livestock Science, 2012, 143, 177-183.	0.6	7
46	Genetic relationships of the Cuban hair sheep inferred from microsatellite polymorphism. Small Ruminant Research, 2012, 104, 89-93.	0.6	21
47	Microsatellite analysis of the Rousse de Maradi (Red Sokoto) goat of Burkina Faso. Small Ruminant Research, 2012, 105, 83-88.	0.6	6
48	Founder and present maternal diversity in two endangered Spanish horse breeds assessed via pedigree and mitochondrial DNA information. Journal of Animal Breeding and Genetics, 2012, 129, 271-279.	0.8	9
49	Comparative study of PCR-sexing procedures using bovine embryos fertilized with sex-sorted spermatozoa. Spanish Journal of Agricultural Research, 2012, 10, 353.	0.3	14
50	Assessing diversity losses due to selection for coat colour in the endangered bay-AsturcÃ³n pony using microsatellites. Livestock Science, 2011, 135, 199-204.	0.6	7
51	CaracterizaciÃ³n productiva predestete de lechones de Gochu Asturcelta. Archivos De Zootecnia, 2011, 60, 337-340.	0.2	0
52	Dual Origins of Dairy Cattle Farming â€“ Evidence from a Comprehensive Survey of European Y-Chromosomal Variation. PLoS ONE, 2011, 6, e15922.	1.1	79
53	Estimation of effective population size from the rate of coancestry in pedigreed populations. Journal of Animal Breeding and Genetics, 2011, 128, 56-63.	0.8	109
54	Genetic structure of the bovine Yâ€šspecific microsatellite UMN0103 reflects the genetic history of the species. Animal Genetics, 2011, 42, 566-567.	0.6	4

#	Article	IF	Citations
55	Multivariate characterisation of morphological traits in Assaf (Assaf.E) sheep. Small Ruminant Research, 2011, 100, 122-130.	0.6	29
56	Computing effective population size from molecular data: The case of three rare Spanish ruminant populations. Livestock Science, 2011, 138, 202-206.	0.6	14
57	Usefulness of molecular-based methods for estimating effective population size in livestock assessed using data from the endangered black-coated AsturcÃ³n pony1. Journal of Animal Science, 2011, 89, 1251-1259.	0.2	13
58	Pedigree estimation of the (sub) population contribution to the total gene diversity: the horse coat colour case. Animal, 2010, 4, 867-875.	1.3	15
59	Genetic parameters and relationships between fibre and type traits in two breeds of Peruvian alpacas. Small Ruminant Research, 2010, 88, 6-11.	0.6	29
60	Yâ€šspecific microsatellites reveal an African subfamily in taurine (Bos taurus) cattle. Animal Genetics, 2010, 41, 232-241.	0.6	51
61	Multiple paternal origins of domestic cattle revealed by Y-specific interspersed multilocus microsatellites. Heredity, 2010, 105, 511-519.	1.2	50
62	Assessing losses of genetic variability in the endangered MallorquÃ-horse. Czech Journal of Animal Science, 2010, 55, 456-462.	0.5	17
63	Genetic relationships among calving ease, gestation length, and calf survival to weaning in the Asturiana de los Valles beef cattle breed1. Journal of Animal Science, 2010, 88, 96-101.	0.2	39
64	Analysis of the existence of major genes affecting alpaca fiber traits1. Journal of Animal Science, 2010, 88, 3783-3788.	0.2	16
65	Zebu Cattle Are an Exclusive Legacy of the South Asia Neolithic. Molecular Biology and Evolution, 2010, 27, 1-6.	3.5	217
66	Molecular, genealogical and morphometric characterisation of the Pallaresa, a Pyrenean relic cattle breed: Insights for conservation. Livestock Science, 2010, 132, 65-72.	0.6	10
67	Genetic improvement for alpaca fibre production in the Peruvian Altiplano: the Pacomarca experience. Animal Genetic Resources Information, 2009, 45, 37-43.	0.3	18
68	Quantifying diversity losses due to selection for scrapie resistance in three endangered Spanish sheep breeds using microsatellite information. Preventive Veterinary Medicine, 2009, 91, 172-178.	0.7	14
69	Analysis of mitochondrial DNA diversity in Burkina Faso populations confirms the maternal genetic homogeneity of the West African goat. Animal Genetics, 2009, 40, 344-347.	0.6	15
70	Female segregation patterns of the putative Yâ€chromosomeâ€specific microsatellite markers INRA124 and INRA126 do not support their use for cattle population studies. Animal Genetics, 2009, 40, 560-564.	0.6	6
71	Genealogical analyses in open populations: the case of three Arabâ€derived Spanish horse breeds. Journal of Animal Breeding and Genetics, 2009, 126, 335-347.	0.8	30
72	Improving the estimation of realized effective population sizes in farm animals. Journal of Animal Breeding and Genetics, 2009, 126, 327-332.	0.8	173

#	Article	IF	Citations
73	Microsatellite Analysis Characterizes Burkina Faso as a Genetic Contact Zone Between Sahelian and DjallonkÃ© Sheep. Animal Biotechnology, 2009, 20, 47-57.	0.7	36
74	Revealing the History of Sheep Domestication Using Retrovirus Integrations. Science, 2009, 324, 532-536.	6.0	402
75	Assessment of inbreeding depression for body measurements in Spanish Purebred (Andalusian) horses. Livestock Science, 2009, 122, 149-155.	0.6	54
76	Genetic characterisation of Burkina Faso goats using microsatellite polymorphism. Livestock Science, 2009, 123, 322-328.	0.6	37
77	Genetic analysis of six production traits in Peruvian alpacas. Livestock Science, 2009, 123, 193-197.	0.6	28
78	Sry-negative XX true hermaphroditism in a roe deer. Animal Reproduction Science, 2009, 112, 190-197.	0.5	9
79	Bayesian estimates of genetic parameters for pre-conception traits, gestation length and calving interval in beef cattle. Animal Reproduction Science, 2009, 114, 72-80.	0.5	26
80	Sire Ã— stud interaction for body measurement traits in Spanish Purebred horses1. Journal of Animal Science, 2009, 87, 2502-2509.	0.2	12
81	Application of individual increase in inbreeding to estimate realized effective sizes from real pedigrees. Journal of Animal Breeding and Genetics, 2008, 125, 301-310.	0.8	86
82	Differences in the expression of the ASIP gene are involved in the recessive black coat colour pattern in sheep: evidence from the rare Xalda sheep breed. Animal Genetics, 2008, 39, 290-293.	0.6	48
83	Individual increase in inbreeding allows estimating effective sizes from pedigrees. Genetics Selection Evolution, 2008, 40, 359-78.	1.2	139
84	Genetic relationships between Spanish Assaf (Assaf.E) and Spanish native dairy sheep breeds. Small Ruminant Research, 2008, 80, 39-44.	0.6	31
85	Multivariate characterization of morphological traits in Burkina Faso sheep. Small Ruminant Research, 2008, 80, 62-67.	0.6	64
86	Population history and genetic variability in the Spanish Arab Horse assessed via pedigree analysis. Livestock Science, 2008, 113, 24-33.	0.6	60
87	Relationship between genealogical and microsatellite information characterizing losses of genetic variability: Empirical evidence from the rare Xalda sheep breed. Livestock Science, 2008, 115, 80-88.	0.6	38
88	Technical note: A novel method for routine genotyping of horse coat color gene polymorphisms1. Journal of Animal Science, 2008, 86, 1291-1295.	0.2	11
89	Multivariate analyses on morphological traits of goats in Burkina Faso. Archives Animal Breeding, 2008, 51, 588-600.	0.5	28
90	Genetic variability in the endangered AsturcÃ³n pony assessed using genealogical and molecular information. Livestock Science, 2007, 107, 162-169.	0.6	36

#	Article	IF	Citations
91	Genetic diversity loss due to selection for scrapie resistance in the rare Spanish Xalda sheep breed. Livestock Science, 2007, 111, 204-212.	0.6	16
92	Genetic relationships among calving ease, calving interval, birth weight, and weaning weight in the Asturiana de los Valles beef cattle breed1. Journal of Animal Science, 2007, 85, 69-75.	0.2	39
93	Genetic characterization of the Spanish Trotter horse breed using microsatellite markers. Genetics and Molecular Biology, 2007, 30, 37-42.	0.6	21
94	Genetic variability and differentiation in Spanish roe deer (Capreolus capreolus): A phylogeographic reassessment within the European frameworkâˆ†. Molecular Phylogenetics and Evolution, 2007, 42, 47-61.	1.2	39
95	Genetic parameters affecting 180-days standardised milk yield, test-day milk yield and lactation length in Spanish Assaf (Assaf.E) dairy sheep. Small Ruminant Research, 2007, 70, 233-238.	0.6	24
96	A sexing protocol for wild ruminants based on PCR amplification of amelogenin genes AMELX and AMELY (short communication). Archives Animal Breeding, 2007, 50, 442-446.	0.5	11
97	SireÃ—contemporary group interactions for birth weight and preweaning growth traits in the Asturiana de los Valles beef cattle breed. Livestock Science, 2006, 99, 61-68.	0.6	14
98	Using machine learning procedures to ascertain the influence of beef carcass profiles on carcass conformation scores. Meat Science, 2006, 73, 109-115.	2.7	24
99	Retinoids during the in vitro transition from bovine morula to blastocyst. Human Reproduction, 2006, 21, 2149-2157.	0.4	20
100	The origin of European cattle: Evidence from modern and ancient DNA. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8113-8118.	3.3	271
101	Pedigree information reveals moderate to high levels of inbreeding and a weak population structure in the endangered Catalonian donkey breed. Journal of Animal Breeding and Genetics, 2005, 122, 378-386.	0.8	51
102	A note on ENDOG: a computer program for analysing pedigree information. Journal of Animal Breeding and Genetics, 2005, 122, 172-176.	0.8	394
103	The coding sequence of the ASIP gene is identical in nine wild-type coloured cattle breeds. Journal of Animal Breeding and Genetics, 2005, 122, 357-360.	0.8	43
104	Genetic analysis of days open in beef cattle. Livestock Science, 2005, 93, 283-289.	1.2	26
105	Pedigree analysis in the Andalusian horse: population structure, genetic variability and influence of the Carthusian strain. Livestock Science, 2005, 95, 57-66.	1.2	121
106	Testing the usefulness of the molecular coancestry information to assess genetic relationships in livestock using a set of Spanish sheep breeds1. Journal of Animal Science, 2005, 83, 737-744.	0.2	45
107	The Origins of Iberian Horses Assessed via Mitochondrial DNA. Journal of Heredity, 2005, 96, 663-669.	1.0	52
108	Oocytes recovered from cows treated with retinol become unviable as blastocysts produced in vitro. Reproduction, 2005, 129, 411-421.	1.1	28

#	Article	IF	Citations
109	MolKin v2.0: A Computer Program for Genetic Analysis of Populations Using Molecular Coancestry Information. Journal of Heredity, 2005, 96, 718-721.	1.0	166
110	Carcass characterisation of seven Spanish beef breeds slaughtered at two commercial weights. Meat Science, 2005, 71, 514-521.	2.7	73
111	Machine Learning as an aid to management decisions on high somatic cell counts in dairy farms. Archives Animal Breeding, 2005, 48, 138-148.	0.5	6
112	Feature subset selection for learning preferences. , 2004, , .		28
113	ConservaciÃ³n de la oveja Xalda de Asturias. Animal Genetic Resources Information, 2004, 34, 41-49.	0.3	1
114	Retinoid-dependent mRNA expression and poly-(A) contents in bovine oocytes meiotically arrested and/or matured in vitro. Molecular Reproduction and Development, 2004, 69, 101-108.	1.0	28
115	Pregnancy rates and metabolic profiles in cattle treated with propylene glycol prior to embryo transfer. Theriogenology, 2004, 62, 664-676.	0.9	29
116	Genetic relationships and admixture among sheep breeds from Northern Spain assessed using microsatellites1. Journal of Animal Science, 2004, 82, 2246-2252.	0.2	75
117	9-cis-retinoic acid during in vitro maturation improves development of the bovine oocyte and increases midkine but not IGF-I expression in cumulus-granulosa cells. Molecular Reproduction and Development, 2003, 66, 247-255.	1.0	34
118	Genetic analysis of calf survival at different preweaning ages in beef cattle. Livestock Science, 2003, 83, 13-20.	1.2	30
119	Using pedigree information to monitor genetic variability of endangered populations: the Xalda sheep breed of Asturias as an example. Journal of Animal Breeding and Genetics, 2003, 120, 95-105.	0.8	136
120	Artificial intelligence techniques point out differences in classification performance between light and standard bovine carcasses. Meat Science, 2003, 64, 249-258.	2.7	21
121	Factors affecting actual weaning weight, preweaning average daily gain and relative growth rate in Asturiana de los Valles beef cattle breed. Archives Animal Breeding, 2003, 46, 235-243.	0.5	17
122	Genetic relationships between calving date, calving interval, age at first calving and type traits in beef cattle. Livestock Science, 2002, 78, 215-222.	1.2	66
123	Estimation of genetic parameters of type traits in Asturiana de los Valles beef cattle breed. Journal of Animal Breeding and Genetics, 2002, 119, 93-100.	0.8	34
124	Testing a continuous variation in preweaning expression of muscular hypertrophy in beef cattle using field data. Archives Animal Breeding, 2002, 45, 139-149.	0.5	3
125	Learning to Assess from Pair-Wise Comparisons. Lecture Notes in Computer Science, 2002, , 481-490.	1.0	1
126	The usefulness of artificial intelligence techniques to assess subjective quality of products in the food industry. Trends in Food Science and Technology, 2001, 12, 370-381.	7.8	58

#	Article	IF	Citations
127	Using artificial intelligence to design and implement a morphological assessment system in beef cattle. Animal Science, 2001, 73, 49-60.	1.3	29
128	Heritability of reproduetive traits in Asturiana de los Valles beef cattle breed. Archives Animal Breeding, 2001, 44, 489-496.	0.5	15
129	Estimation of direct and maternal genetic parameters for preâ€weaning traits in the Asturiana de los Valles beef cattle breed through animal and sire models. Journal of Animal Breeding and Genetics, 1997, 114, 261-266.	0.8	29
130	Non-genomic effects of catecholestrogens in the in vitro rat uterine contraction. General Pharmacology, 1995, 26, 219-223.	0.7	18
131	Herdbook analyses of the Asturiana beef cattle breeds. Genetics Selection Evolution, 1994, 26, 1.	1.2	15
132	Multivariate analyses of morphological traits characterise the Guinea fowl (Numida meleagris) of Burkina Faso as a homogeneous population. , 0, , .		1