Agustin Blasco

List of Publications by Year
in descending order

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127	3,041	182225	252626
papers	citations	30 h-index	46 g-index

135	135	135	1687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intramuscular Fat Selection in Rabbits Modifies the Fatty Acid Composition of Muscle and Liver Tissues. Animals, 2022, 12, 893.	1.0	4
2	Genotype Imputation to Improve the Cost-Efficiency of Genomic Selection in Rabbits. Animals, 2021, 11, 803.	1.0	8
3	Selection for environmental variance of litter size in rabbits involves genes in pathways controlling animal resilience. Genetics Selection Evolution, 2021, 53, 59.	1.2	8
4	Correlated Response on Growth Traits and Their Variabilities to Selection for Ovulation Rate in Rabbits Using Genetic Trends and a Cryopreserved Control Population. Animals, 2021, 11, 2591.	1.0	6
5	Comprehensive functional core microbiome comparison in genetically obese and lean hosts under the same environment. Communications Biology, 2021, 4, 1246.	2.0	14
6	Genomic regions influencing intramuscular fat in divergently selected rabbit lines. Animal Genetics, 2020, 51, 58-69.	0.6	21
7	A genomewide association study in divergently selected lines in rabbits reveals novel genomic regions associated with litter size traits. Journal of Animal Breeding and Genetics, 2020, 137, 123-138.	0.8	12
8	Novel Genomic Regions Associated with Intramuscular Fatty Acid Composition in Rabbits. Animals, 2020, 10, 2090.	1.0	12
9	Inflammatory Correlated Response in Two Lines of Rabbit Selected Divergently for Litter Size Environmental Variability. Animals, 2020, 10, 1540.	1.0	9
10	The effect of divergent selection for intramuscular fat on the domestic rabbit genome. Animal, 2020, 14, 2225-2235.	1.3	11
11	Effects of ignoring inbreeding in modelâ€based accuracy for BLUP and SSGBLUP. Journal of Animal Breeding and Genetics, 2020, 137, 356-364.	0.8	26
12	Correlated Response to Selection for Litter Size Residual Variability in Rabbitsâ€™ Body Condition. Animals, 2020, 10, 2447.	1.0	2
13	Studentsâ€™, colleaguesâ€™ and research partnersâ€™ experience about work and accomplishments from collaborating with Robin Thompson. Journal of Animal Breeding and Genetics, 2019, 136, 301-309.	0.8	0
14	Litter Survival Differences between Divergently Selected Lines for Environmental Sensitivity in Rabbits. Animals, 2019, 9, 603.	1.0	7
15	Correlated responses on growth traits after two-stage selection for ovulation rate and litter size in rabbits. Animal, 2019, 13, 2457-2462.	1.3	7
16	Correlated response to selection for litter size environmental variability in rabbitsâ€™ resilience. Animal, 2019, 13, 2348-2355.	1.3	18
17	Correlated response in body condition and energy mobilisation in rabbits selected for litter size variability. Animal, 2019, 13, 784-789.	1.3	6
18	Correlated responses on litter size traits and survival traits after two-stage selection for ovulation rate and litter size in rabbits. Animal, 2019, 13, 453-459.	1.3	6

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19	Correlated responses to selection for intramuscular fat in several muscles in rabbits. Meat Science, 2018, 139, 187-191.	2.7	16
20	Effect of selection for intramuscular fat on the fatty acid composition of rabbit meat. Animal, 2018, 12, 2002-2008.	1.3	12
21	Liver metabolism traits in two rabbit lines divergently selected for intramuscular fat. Animal, 2018, 12, 1217-1223.	1.3	10
22	Genetics of growth, carcass and meat quality in rabbits. Meat Science, 2018, 145, 178-185.	2.7	28
23	Current Status of Genomic Maps: Genomic Selection/GBV in Livestock. , 2018, , 61-80.		3
24	Modeling production functions and economic weights in intensive meat production of guinea pigs. Tropical Animal Health and Production, 2017, 49, 1361-1367.	0.5	8
25	Bayesian Data Analysis for Animal Scientists. , 2017, , .		26
26	Correlated response in litter size components in rabbits selected for litter size variability. Journal of Animal Breeding and Genetics, 2017, 134, 505-511.	0.8	11
27	Selection for environmental variance of litter size in rabbits. Genetics Selection Evolution, 2017, 49, 48.	1.2	46
28	Muscle lipid metabolism in two rabbit lines divergently selected for intramuscular fat1. Journal of Animal Science, 2017, 95, 2576-2584.	0.2	6
29	Muscle lipid metabolism in two rabbit lines divergently selected for intramuscular fat. Journal of Animal Science, 2017, 95, 2576.	0.2	6
30	Relationship between body condition and energy mobilization in rabbit does. World Rabbit Science, 2017, 25, 37.	0.1	4
31	Correlated response in early embryonic development in rabbits selected for litter size variability. World Rabbit Science, 2017, 25, 323.	0.1	5
32	The Linear Model: I. The â€˜Fixed Effectsâ€™ Model. , 2017, , 119-135.		0
33	Do We Understand Classic Statistics?. , 2017, , 1-32.		1
34	Prior Information. , 2017, , 193-211.		0
35	The Bayesian Choice. , 2017, , 33-65.		0
36	The Linear Model: II. The â€˜Mixedâ€™ Model. , 2017, , 137-165.		0

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37	Divergent selection on intramuscular fat in rabbits: Responses to selection and genetic parameters1. Journal of Animal Science, 2016, 94, 4993-5003.	0.2	31
38	Effect of divergent selection for intramuscular fat on sensory traits and instrumental texture in rabbit meat1. Journal of Animal Science, 2016, 94, 5137-5143.	0.2	8
39	Embryologic changes in rabbit lines selected for litter size variability. Theriogenology, 2016, 86, 1247-1250.	0.9	5
40	Effect of increased ovulation rate on embryo and foetal survival as a model for selection by ovulation rate in rabbits. World Rabbit Science, 2016, 24, 87.	0.1	2
41	Effect of divergent selection for uterine capacity on embryonic survival and development at 30 h post-mating in unilaterally ovariectomized rabbit females. World Rabbit Science, 2015, 23, 241.	0.1	3
42	Comparison of degrees of maturity of rabbit lines selected for different traits. World Rabbit Science, 2015, 23, 155.	0.1	8
43	A short critical history of the application of genomics to animal breeding. Livestock Science, 2014, 166, 4-9.	0.6	37
44	Economic weights in rabbit meat production. World Rabbit Science, 2014, 22, 165.	0.1	60
45	The effect of unilateral ovariectomy on early embryonic survival and embryo development in rabbits. World Rabbit Science, 2014, 22, 123.	0.1	6
46	Divergent selection for intramuscular fat content in rabbits. II. Correlated responses on carcass and meat quality traits1. Journal of Animal Science, 2013, 91, 4532-4539.	0.2	17
47	Genetic selection for ovulation rate and litter size in rabbits: Estimation of genetic parameters and direct and correlated responses1. Journal of Animal Science, 2013, 91, 3113-3120.	0.2	13
48	Divergent selection for intramuscular fat content in rabbits. I. Direct response to selection1. Journal of Animal Science, 2013, 91, 4526-4531.	0.2	23
49	Selection for ovulation rate in rabbits: Genetic parameters and correlated responses on survival rates1. Journal of Animal Science, 2012, 90, 439-446.	0.2	13
50	Selection for ovulation rate in rabbits: Direct and correlated responses estimated with a cryopreserved control population1. Journal of Animal Science, 2012, 90, 3392-3397.	0.2	12
51	Animal Breeding Methods and Sustainability animal breeding sustainability. , 2012, , 389-405.		1
52	Genetic analysis of detailed milk protein composition and coagulation properties in Simmental cattle. Journal of Dairy Science, 2011, 94, 5183-5193.	1.4	56
53	Modifying growth curve parameters by multitrait genomic selection1. Journal of Animal Science, 2011, 89, 661-668.	0.2	25
54	Selection for ovulation rate in rabbits: Genetic parameters, direct response, and correlated response on litter size1. Journal of Animal Science, 2011, 89, 2981-2987.	0.2	18

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55	Use of near infrared spectroscopy for intramuscular fat selection in rabbits. World Rabbit Science, 2011, 19, .	0.1	12
56	Candidate gene analysis for reproductive traits in two lines of rabbits divergently selected for uterine capacity1. Journal of Animal Science, 2010, 88, 828-836.	0.2	18
57	Influence of genetic line on lipid metabolism traits of rabbit muscle1. Journal of Animal Science, 2010, 88, 3419-3427.	0.2	10
58	Investigation of the oviductal glycoprotein 1 (OVGP1) gene associated with embryo survival and development in the rabbit1. Journal of Animal Science, 2010, 88, 1597-1602.	0.2	10
59	Expression of progesterone receptor related to the polymorphism in the PGR gene in the rabbit reproductive tract1. Journal of Animal Science, 2010, 88, 421-427.	0.2	12
60	In vivo development of vitrified rabbit embryos: Effects on prenatal survival and placental development. Theriogenology, 2010, 73, 704-710.	0.9	29
61	Estimation of valuation multiples of Spanish unlisted food companies. Spanish Journal of Agricultural Research, 2010, 8, 547.	0.3	6
62	Analysis of the oviductal glycoprotein 1 polymorphisms and their effects on components of litter size in rabbits. Animal Genetics, 2009, 40, 756-758.	0.6	10
63	Comparison of different nonlinear functions to describe Nelore cattle growth1. Journal of Animal Science, 2009, 87, 496-506.	0.2	52
64	The role of genetic engineering in livestock production. Livestock Science, 2008, 113, 191-201.	0.6	21
65	Effects of intrauterine crowding on available uterine space per fetus in rabbits. Livestock Science, 2008, 114, 211-219.	0.6	22
66	Effect of genetic rabbit lines on lipid content, lipolytic activities and fatty acid composition of hind leg meat and perirenal fat. Meat Science, 2008, 78, 485-491.	2.7	25
67	Identification of Single-Nucleotide Polymorphism in the Progesterone Receptor Gene and Its Association With Reproductive Traits in Rabbits. Genetics, 2008, 180, 1699-1705.	1.2	26
68	Selection for Environmental Variation: A Statistical Analysis and Power Calculations to Detect Response. Genetics, 2008, 180, 2209-2226.	1.2	40
69	Breeds in danger of extintion and biodiversity. Revista Brasileira De Zootecnia, 2008, 37, 101-109.	0.3	11
70	Effect of selection for growth rate on relative growth in rabbits1,2. Journal of Animal Science, 2008, 86, 3409-3417.	0.2	23
71	Comparison between rabbit lines for sensory meat quality. Meat Science, 2007, 75, 494-498.	2.7	14
72	Analysis of beef cattle longitudinal data applying a nonlinear model1. Journal of Animal Science, 2007, 85, 3189-3197.	0.2	27

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73	Early embryonic survival and embryo development in two lines of rabbits divergently selected for uterine capacity1. Journal of Animal Science, 2007, 85, 1634-1639.	0.2	21
74	Selection for ovulation rate in rabbits. Livestock Science, 2006, 101, 126-133.	0.6	4
75	Influence of available uterine space per fetus on fetal development and prenatal survival in rabbits selected for uterine capacity. Livestock Science, 2006, 102, 83-91.	0.6	16
76	Effect of selection for growth rate on the ageing of myofibrils, meat texture properties and the muscle proteolytic potential of m. longissimus in rabbits. Meat Science, 2006, 72, 121-129.	2.7	26
77	Comparison of carcass and meat characteristics of three rabbit lines selected for litter size or growth rate. Meat Science, 2006, 73, 645-650.	2.7	46
78	Comparison of texture and biochemical characteristics of three rabbit lines selected for litter size or growth rate. Meat Science, 2006, 73, 687-692.	2.7	17
79	A whole-genome analysis using robust asymmetric distributions. Genetical Research, 2006, 88, 143.	0.3	15
80	Fatty acid composition of leg meat and perirenal fat of rabbits selected by growth rate. Food Chemistry, 2005, 90, 251-256.	4.2	43
81	Divergent selection for uterine capacity in rabbits. II. Correlated response in litter size and its components estimated with a cryopreserved control population1. Journal of Animal Science, 2005, 83, 2303-2307.	0.2	34
82	Divergent selection for uterine capacity in rabbits. III. Responses in uterine capacity and its components estimated with a cryopreserved control population1. Journal of Animal Science, 2005, 83, 2308-2312.	0.2	12
83	Divergent selection for uterine capacity in rabbits. I. Genetic parameters and response to selection1. Journal of Animal Science, 2005, 83, 2297-2302.	0.2	23
84	Relationships between quantitative and reproductive fitness traits in animals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 1489-1502.	1.8	32
85	The use of Bayesian statistics in meat quality analyses: a review. Meat Science, 2005, 69, 115-122.	2.7	43
86	A Bayesian approach to the effect of selection for growth rate on sensory meat quality of rabbit. Meat Science, 2005, 69, 123-127.	2.7	16
87	The effect of divergent selection for uterine capacity on fetal and placental development at term in rabbits: Maternal and embryonic genetic effects1. Journal of Animal Science, 2004, 82, 1046-1052.	0.2	16
88	The effect of divergent selection for uterine capacity on prenatal survival in rabbits: Maternal and embryonic genetic effects1. Journal of Animal Science, 2004, 82, 68-73.	0.2	35
89	Elliptical selection experiment for the estimation of genetic parameters of the growth rate and feed conversion ratio in rabbits1. Journal of Animal Science, 2004, 82, 654-660.	0.2	1
90	The effect of selection for growth rate and slaughter age on carcass composition and meat quality traits in rabbits1. Journal of Animal Science, 2004, 82, 3138-3143.	0.2	52

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91	Elliptical selection experiment for the estimation of genetic parameters of the growth rate and feed conversion ratio in rabbits1. Journal of Animal Science, 2004, 82, 654-660.	0.2	31
92	Effect of selection for growth rate on biochemical, quality and texture characteristics of meat from rabbits. Meat Science, 2004, 67, 617-624.	2.7	70
93	Antioxidant, lipolytic and proteolytic enzyme activities in pork meat from different genotypes. Meat Science, 2004, 66, 525-529.	2.7	86
94	The effect of divergent selection for uterine capacity on fetal and placental development at term in rabbits: Maternal and embryonic genetic effects1. Journal of Animal Science, 2004, 82, 1046-1052.	0.2	2
95	A Bayesian analysis of the effect of selection for growth rate on growth curves in rabbits. Genetics Selection Evolution, 2003, 35, 21-41.	1.2	82
96	Relationships between uterine and fetal traits in rabbits selected on uterine capacity1. Journal of Animal Science, 2003, 81, 1265-1273.	0.2	37
97	Bayesian inference about parameters of a longitudinal trajectory when selection operates on a correlated trait1. Journal of Animal Science, 2003, 81, 2714-2724.	0.2	16
98	Analyses for the Presence of a Major Gene Affecting Uterine Capacity in Unilaterally Ovariectomized Rabbits. Genetics, 2003, 163, 1061-1068.	1.2	21
99	The Bayesian controversy in animal breeding.. Journal of Animal Science, 2001, 79, 2023.	0.2	135
100	A Bayesian analysis of response to selection for uterine capacity in rabbits. Journal of Animal Breeding and Genetics, 2001, 118, 93-100.	0.8	4
101	Genetic analysis of growth curve parameters for male and female chickens resulting from selection on shape of growth curve.. Journal of Animal Science, 2000, 78, 2515.	0.2	66
102	The effect of selection for growth rate on carcass composition and meat characteristics of rabbits. Meat Science, 2000, 54, 347-355.	2.7	68
103	Relationships between meat quality measurements in rabbits fed with three diets of different fat type and content. Meat Science, 2000, 55, 379-384.	2.7	46
104	Phenotypic and genetic parameters of birth weight and weaning weight of rabbits born from unilaterally ovariectomized and intact does. Livestock Science, 1999, 57, 159-167.	1.2	12
105	Carcass characteristics and meat quality of rabbit lines selected for different objectives:. Livestock Science, 1998, 54, 125-131.	1.2	26
106	Carcass characteristics and meat quality of rabbit lines selected for different objectives:. Livestock Science, 1998, 54, 115-123.	1.2	70
107	Bayesian Inference of Genetic Parameters and Selection Response for Litter Size Components in Pigs. Genetics, 1998, 149, 301-306.	1.2	31
108	The effect of fat-enriched diets on the perirenal fat quality and sensory characteristics of meat from rabbits. Meat Science, 1997, 47, 95-103.	2.7	29

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109	Divergent selection for uterine capacity in rabbits.. Journal of Animal Science, 1997, 75, 2350.	0.2	36
110	Relationships of meat characteristics of two lines of rabbits selected for litter size and growth rate.. Journal of Animal Science, 1997, 75, 2936.	0.2	15
111	Prediction of carcass composition in the rabbit. Meat Science, 1996, 44, 75-83.	2.7	21
112	Carcass composition and meat characteristics of two rabbit breeds of different degrees of maturity. Meat Science, 1996, 44, 85-92.	2.7	48
113	Relationships between ovulation rate, prenatal survival and litter size in French Large White pigs. Animal Science, 1996, 63, 143-148.	1.3	9
114	Uterine capacity and prenatal survival in Meishan and Large White pigs. Animal Science, 1995, 60, 471-479.	1.3	17
115	Relationships between components of litter size in unilaterally ovariectomized and intact rabbit does. Journal of Animal Science, 1994, 72, 3066-3072.	0.2	39
116	Comparison of five types of pig crosses. I. growth and carcass traits. Livestock Science, 1994, 40, 171-178.	1.2	31
117	Comparison of five types of pig crosses. II. fresh meat quality and sensory characteristics of dry cured ham. Livestock Science, 1994, 40, 179-185.	1.2	44
118	Estimates of genetic parameters for ovulation rate, prenatal survival and litter size in rabbits from an elliptical selection experiment. Livestock Science, 1993, 34, 163-174.	1.2	27
119	The genetics of prenatal survival of pigs and rabbits: a review. Livestock Science, 1993, 37, 1-21.	1.2	62
120	A note on growth curves of rabbit lines selected on growth rate or litter size. Animal Science, 1993, 57, 332-334.	1.3	25
121	Relationships between ovulation rate, embryo survival and litter size in rabbits. Animal Science, 1992, 55, 271-276.	1.3	9
122	Selection response of growth rate in rabbits for meat production. Genetics Selection Evolution, 1992, 24, 1.	1.2	118
123	Ã‰valuation par cÅ“lioscopie des corps jaunes et des embryons. Influence sur la taille de portÃ©e chez la lapine. Reproduction, Nutrition, Development, 1990, 30, 583-588.	1.9	26
124	Muscular pH of the rabbit. Animal Research, 1990, 39, 133-136.	0.6	22
125	Genetic variation in reaction time to halothane exposure. Animal Science, 1989, 49, 117-121.	1.3	1
126	Mixed model methodology for the estimation of genetic response to selection in litter size of rabbits. Livestock Science, 1989, 21, 67-75.	1.2	115

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127	Prediction of rabbit meat and bone weight using carcass measurements and sample cuts. Animal Research, 1984, 33, 161-170.	0.6	16