

Jean-Pierre Bidanel

List of Publications by Year in descending order

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72
papers

3,038
citations

196777

29
h-index

190340

53
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of genetics and the pre-vaccination blood transcriptome on the variability of antibody levels after vaccination against <i>Mycoplasma hyopneumoniae</i> in pigs. <i>Genetics Selection Evolution</i> , 2021, 53, 24.	1.2	8
2	Quelle science pour les élevages de demain ? Une réflexion prospective conduite à l'INRA. <i>INRA Productions Animales</i> , 2019, 32, 323-338.	0.3	3
3	Autosomal and Mitochondrial Adaptation Following Admixture: A Case Study on the Honeybees of Reunion Island. <i>Genome Biology and Evolution</i> , 2018, 10, 220-238.	1.1	13
4	Estimation of the effects of selection on French Large White sow and piglet performance during the suckling period. <i>Journal of Animal Science</i> , 2017, 95, 4333-4343.	0.2	7
5	Whole-genome resequencing of honeybee drones to detect genomic selection in a population managed for royal jelly. <i>Scientific Reports</i> , 2016, 6, 27168.	1.6	35
6	Estimates of genetic parameters for content of boar taint compounds in adipose tissue of intact males at 160 and 220 days of age. <i>Journal of Animal Science</i> , 2015, 93, 4267-4276.	0.2	6
7	Genetic trends in maternal and neonatal behaviors and their association with perinatal survival in French Large White swine. <i>Frontiers in Genetics</i> , 2014, 5, 410.	1.1	17
8	A genome-wide association study of production traits in a commercial population of Large White pigs: evidence of haplotypes affecting meat quality. <i>Genetics Selection Evolution</i> , 2014, 46, 12.	1.2	71
9	Fine mapping of fatness QTL on porcine chromosome X and analyses of three positional candidate genes. <i>BMC Genetics</i> , 2013, 14, 46.	2.7	11
10	Secreted Phosphoprotein 1 Expression in Endometrium and Placental Tissues of Hyperprolific Large White and Meishan Gilts. <i>Biology of Reproduction</i> , 2013, 88, 120.	1.2	20
11	Microsatellite mapping of quantitative trait loci affecting female reproductive tract characteristics in Meishan × Large White F2 pigs. <i>Journal of Animal Science</i> , 2012, 90, 37-44.	0.2	14
12	Correlated responses in sow appetite, residual feed intake, body composition, and reproduction after divergent selection for residual feed intake in the growing pig. <i>Journal of Animal Science</i> , 2012, 90, 1097-1108.	0.2	52
13	Bayesian meta-analysis of the effect of fasting, transport and lairage times on four attributes of pork meat quality. <i>Meat Science</i> , 2012, 90, 584-598.	2.7	22
14	Towards candidate genes affecting body fatness at the SSC7 QTL by expression analyses. <i>Journal of Animal Breeding and Genetics</i> , 2012, 129, 316-324.	0.8	8
15	Immunity Traits in Pigs: Substantial Genetic Variation and Limited Covariation. <i>PLoS ONE</i> , 2011, 6, e22717.	1.1	86
16	Expression levels of 25 genes in liver and testis located in a QTL region for androstenone on SSC7q1.2. <i>Animal Genetics</i> , 2011, 42, 662-665.	0.6	12
17	A locally congenic backcross design in pig: a new regional fine QTL mapping approach miming congenic strains used in mouse. <i>BMC Genetics</i> , 2011, 12, 6.	2.7	8
18	Deciphering the genetic control of innate and adaptive immune responses in pig: a combined genetic and genomic study. <i>BMC Proceedings</i> , 2011, 5, S32.	1.8	23

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19	Number and mode of inheritance of QTL influencing backfat thickness on SSC2p in Sino-European pig pedigrees. <i>Genetics Selection Evolution</i> , 2011, 43, 11.	1.2	6
20	Progeny-testing of full-sibs IBD in a SSC2 QTL region highlights epistatic interactions for fatness traits in pigs. <i>BMC Genetics</i> , 2011, 12, 92.	2.7	4
21	Microsatellite mapping of quantitative trait loci affecting meat quality, stress hormones and production traits in Duroc × Large White F2 pigs. <i>Animal</i> , 2011, 5, 167-174.	1.3	9
22	Detecting QTL for feed intake traits and other performance traits in growing pigs in a Large White backcross. <i>Animal</i> , 2010, 4, 1308-1318.	1.3	17
23	Genetic parameters for tissue and fatty acid composition of backfat, perirenal fat and longissimus muscle in Large White and Landrace pigs. <i>Animal</i> , 2010, 4, 497-504.	1.3	41
24	Meta-analysis of the effect of the halothane gene on 6 variables of pig meat quality and on carcass leanness. <i>Journal of Animal Science</i> , 2010, 88, 2841-2855.	0.2	27
25	Correlative responses for carcass and meat quality traits to selection for ovulation rate or prenatal survival in French Large White pigs. <i>Journal of Animal Science</i> , 2010, 88, 903-911.	0.2	3
26	Combining two Meishan F2 crosses improves the detection of QTL on pig chromosomes 2, 4 and 6. <i>Genetics Selection Evolution</i> , 2010, 42, 42.	1.2	12
27	Estimation of genetic trends in French Large White pigs from 1977 to 1998 for growth and carcass traits using frozen semen. <i>Journal of Animal Science</i> , 2010, 88, 2856-2867.	0.2	30
28	A bi-dimensional genome scan for prolificacy traits in pigs shows the existence of multiple epistatic QTL. <i>BMC Genomics</i> , 2009, 10, 636.	1.2	40
29	Comparison of sow farrowing characteristics between a Chinese breed and three French breeds. <i>Livestock Science</i> , 2009, 125, 132-140.	0.6	12
30	Estimation of genetic trends from 1977 to 2000 for stress-responsive systems in French Large White and Landrace pig populations using frozen semen. <i>Animal</i> , 2009, 3, 1681-1687.	1.3	16
31	Detection of quantitative trait loci for reproduction and production traits in Large White and French Landrace pig populations (Open Access publication). <i>Genetics Selection Evolution</i> , 2008, 40, 61.	1.2	16
32	Crossbreeding parameters of general immune response traits in White Leghorn chickens. <i>Livestock Science</i> , 2008, 119, 221-228.	0.6	3
33	Detection of quantitative trait loci for teat number and female reproductive traits in Meishan × Large White F2 pigs. <i>Animal</i> , 2008, 2, 813-820.	1.3	45
34	Detection of quantitative trait loci for reproduction and production traits in Large White and French Landrace pig populations (Open Access publication). <i>Genetics Selection Evolution</i> , 2008, 40, 61-78.	1.2	25
35	Linked and pleiotropic QTLs influencing carcass composition traits detected on porcine chromosome 7. <i>Genetical Research</i> , 2007, 89, 65-72.	0.3	16
36	Metabolic and histochemical characteristics of fat and muscle tissues in homozygous or heterozygous pigs for the body composition QTL located on chromosome 7. <i>Physiological Genomics</i> , 2007, 30, 232-241.	1.0	13

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37	Direct responses to six generations of selection for ovulation rate or prenatal survival in Large White pigs. <i>Journal of Animal Science</i> , 2007, 85, 356-364.	0.2	25
38	Estimation of genetic trends from 1977 to 1998 of body composition and physiological state of Large White pigs at birth. <i>Animal</i> , 2007, 1, 1409-1413.	1.3	32
39	Estimation of genetic trends from 1977 to 1998 for farrowing characteristics in the French Large White breed using frozen semen. <i>Animal</i> , 2007, 1, 929-938.	1.3	9
40	Genetic parameters for residual feed intake in growing pigs, with emphasis on genetic relationships with carcass and meat quality traits. <i>Journal of Animal Science</i> , 2007, 85, 3182-3188.	0.2	177
41	Correlated responses for litter traits to six generations of selection for ovulation rate or prenatal survival in French Large White pigs. <i>Journal of Animal Science</i> , 2007, 85, 1615-1624.	0.2	34
42	Correlated responses of pre- and postweaning growth and backfat thickness to six generations of selection for ovulation rate or prenatal survival in French Large White pigs. <i>Journal of Animal Science</i> , 2007, 85, 3209-3217.	0.2	13
43	Identification of QTL with effects on intramuscular fat content and fatty acid composition in a Duroc \times Large White cross. <i>BMC Genetics</i> , 2007, 8, 55.	2.7	58
44	Between-breed variability of stillbirth and its relationship with sow and piglet characteristics. <i>Journal of Animal Science</i> , 2006, 84, 3185-3196.	0.2	95
45	Effects of season and breed on the feeding behavior of multiparous lactating sows in a tropical humid climate ^{1,2} . <i>Journal of Animal Science</i> , 2006, 84, 469-480.	0.2	27
46	Genetic variation of farrowing kinetics traits and their relationships with litter size and perinatal mortality in French Large White sows. <i>Journal of Animal Science</i> , 2006, 84, 1053-1058.	0.2	40
47	Effects of quantitative trait loci on chromosomes 1, 2, 4, and 7 on growth, carcass, and meat quality traits in backcross Meishan \times Large White pigs ¹ . <i>Journal of Animal Science</i> , 2006, 84, 526-537.	0.2	54
48	Effects of breed and season on performance of lactating sows in a tropical humid climate ¹ . <i>Journal of Animal Science</i> , 2006, 84, 360-369.	0.2	37
49	Analysis of longevity and exterior traits on Large White sows in Switzerland ¹ . <i>Journal of Animal Science</i> , 2006, 84, 2914-2924.	0.2	45
50	Effect of Season, Parity and Lactation on Reproductive Performance of Sows in a Tropical Humid Climate. <i>Asian-Australasian Journal of Animal Sciences</i> , 2006, 19, 1111-1119.	2.4	12
51	Large-scale, multibreed, multitrait analyses of quantitative trait loci experiments: The case of porcine X chromosome ¹ . <i>Journal of Animal Science</i> , 2005, 83, 2289-2296.	0.2	23
52	Exclusion of the swine leukocyte antigens as candidate region and reduction of the position interval for the <i>Sus scrofa</i> chromosome 7 QTL affecting growth and fatness ¹ . <i>Journal of Animal Science</i> , 2005, 83, 1979-1987.	0.2	22
53	Corticosteroid Binding Globulin: A New Target for Cortisol-Driven Obesity. <i>Molecular Endocrinology</i> , 2004, 18, 1687-1696.	3.7	80
54	Effects of season and parity on performance of lactating sows in a tropical climate. <i>Animal Science</i> , 2004, 79, 273-282.	1.3	11

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55	Likelihood and Bayesian analyses reveal major genes affecting body composition, carcass, meat quality and the number of false teats in a Chinese European pig line. <i>Genetics Selection Evolution</i> , 2003, 35, 385-402.	1.2	5
56	Detection of quantitative trait loci for fat androstenone levels in pigs ¹ . <i>Journal of Animal Science</i> , 2003, 81, 385-394.	0.2	61
57	A further look at quantitative trait loci affecting growth and fatness in a cross between Meishan and Large White pig populations. <i>Genetics Selection Evolution</i> , 2002, 34, 193-210.	1.2	47
58	Detection of quantitative trait loci for carcass composition traits in pigs. <i>Genetics Selection Evolution</i> , 2002, 34, 705-28.	1.2	108
59	Genetic linkage mapping of quantitative trait loci for behavioral and neuroendocrine stress response traits in pigs. <i>Journal of Animal Science</i> , 2002, 80, 2276.	0.2	89
60	Detection of quantitative trait loci for growth and fatness in pigs. <i>Genetics Selection Evolution</i> , 2001, 33, 289-309.	1.2	194
61	Selection for litter size in pigs. II. Efficiency of closed and open selection lines*. <i>Genetics Selection Evolution</i> , 2001, 33, 515-28.	1.2	17
62	Genetic parameters and genetic trends in the Chinese $\tilde{\text{A}}$ -European Tiameslan composite pig line. I. Genetic parameters. <i>Genetics Selection Evolution</i> , 2000, 32, 41-56.	1.2	49
63	Genetic parameters and genetic trends in the Chinese $\tilde{\text{A}}$ -European Tiameslan composite pig line. II. Genetic trends. <i>Genetics Selection Evolution</i> , 2000, 32, 57-71.	1.2	21
64	Genetic parameters for individual birth and weaning weight and for litter size of Large White pigs. <i>Journal of Animal Breeding and Genetics</i> , 2000, 117, 121-128.	0.8	32
65	Combined Analyses of Data From Quantitative Trait Loci Mapping Studies: Chromosome 4 Effects on Porcine Growth and Fatness. <i>Genetics</i> , 2000, 155, 1369-1378.	1.2	128
66	Genetic Study of Behavioral and Pituitary-Adrenocortical Reactivity in Response to an Environmental Challenge in Pigs. <i>Physiology and Behavior</i> , 1997, 62, 337-345.	1.0	51
67	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
68	Relationships between ovulation rate, prenatal survival and litter size in French Large White pigs. <i>Animal Science</i> , 1996, 63, 143-148.	1.3	9
69	The PiGMaP consortium linkage map of the pig (<i>Sus scrofa</i>). <i>Mammalian Genome</i> , 1995, 6, 157-175.	1.0	475
70	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
71	The genetics of prenatal survival of pigs and rabbits: a review. <i>Livestock Science</i> , 1993, 37, 1-21.	1.2	62
72	Effects of exogenous porcine somatotropin (pST) administration on growth performance, carcass traits, and pork meat quality of Meishan, Pietrain, and crossbred gilts ¹ . <i>Journal of Animal Science</i> , 1991, 69, 3511-3522.	0.2	46