

Julian Christians

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,921
citations

304743

22
h-index

265206

42
g-index

67
all docs

67
docs citations

67
times ranked

2706
citing authors

#	ARTICLE	IF	CITATIONS
1	Avian egg size: variation within species and inflexibility within individuals. <i>Biological Reviews</i> , 2002, 77, 1-26.	10.4	492
2	Controlling for Body Mass Effects: Is Partâ€Whole Correlation Important?. <i>Physiological and Biochemical Zoology</i> , 1999, 72, 250-253.	1.5	97
3	Follicular Development and Plasma Yolk Precursor Dynamics through the Laying Cycle in the European Starling (<i>Sturnus vulgaris</i>). <i>Physiological and Biochemical Zoology</i> , 2001, 74, 356-365.	1.5	86
4	Seasonal decline in clutch size in European starlings: a novel randomization test to distinguish between the timing and quality hypotheses. <i>Journal of Animal Ecology</i> , 2001, 70, 1080-1087.	2.8	67
5	No evidence for inbreeding avoidance in a great reed warbler population. <i>Behavioral Ecology</i> , 2007, 18, 157-164.	2.2	59
6	What causes the decrease in haematocrit during egg production?. <i>Functional Ecology</i> , 2004, 18, 330-336.	3.6	58
7	Placental invasion, preeclampsia risk and adaptive molecular evolution at the origin of the great apes: Evidence from genome-wide analyses. <i>Placenta</i> , 2013, 34, 127-132.	1.5	55
8	Expression of pregnancy-associated plasma protein A2 during pregnancy in human and mouse. <i>Journal of Endocrinology</i> , 2009, 202, 337-345.	2.6	50
9	Regulatory Variation at Glypican-3 Underlies a Major Growth QTL in Mice. <i>PLoS Biology</i> , 2005, 3, e135.	5.6	47
10	PAPPA2, an Enzyme That Cleaves an Insulin-Like Growth-Factor-Binding Protein, Is a Candidate Gene for a Quantitative Trait Locus Affecting Body Size in Mice. <i>Genetics</i> , 2006, 173, 1547-1553.	2.9	47
11	Trade-offs between egg size and number in waterfowl: an interspecific test of the van Noordwijk and de Jong model. <i>Functional Ecology</i> , 2000, 14, 497-501.	3.6	42
12	Regulation of pregnancy-associated plasma protein A2 (PAPPA2) in a human placental trophoblast cell line (BeWo). <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 48.	3.3	38
13	Pregnancy Associated Plasma Protein A2 (PAPP-A2) Affects Bone Size and Shape and Contributes to Natural Variation in Postnatal Growth in Mice. <i>PLoS ONE</i> , 2013, 8, e56260.	2.5	38
14	Genetic complexity of an obesity QTL (Fob3) revealed by detailed genetic mapping. <i>Mammalian Genome</i> , 2004, 15, 472-481.	2.2	37
15	Virulence in an insect model differs between mating types in <i>Aspergillus fumigatus</i> . <i>Medical Mycology</i> , 2011, 49, 202-207.	0.7	36
16	Effects of exogenous 17 β -estradiol on the reproductive physiology and reproductive performance of european starlings (<i>Sturnus vulgaris</i>). <i>Journal of Experimental Biology</i> , 1999, 202, 2679-2685.	1.7	33
17	Fine mapping of a murine growth locus to a 1.4-cM region and resolution of linked QTL. <i>Mammalian Genome</i> , 2004, 15, 482-491.	2.2	28
18	Effects of high-fat diets on fetal growth in rodents: a systematic review. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 39.	3.3	28

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19	Interindividual variation in yolk mass and the rate of growth of ovarian follicles in the zebra finch (<i>Tj ETQq1</i>). <i>Physiology</i> , 2001, 171, 255-261.	1.5	26
20	First-Trimester Levels of Pregnancy-Associated Plasma Protein A2 (PAPP-A2) in the Maternal Circulation Are Elevated in Pregnancies That Subsequently Develop Preeclampsia. <i>Reproductive Sciences</i> , 2014, 21, 754-760.	2.5	26
21	Pappa2 deletion alters IGFbps but has little effect on glucose disposal or adiposity. <i>Growth Hormone and IGF Research</i> , 2015, 25, 232-239.	1.1	25
22	The problem with using the birthweight:placental weight ratio as a measure of placental efficiency. <i>Placenta</i> , 2018, 68, 52-58.	1.5	25
23	Altered levels of insulin-like growth factor binding protein proteases in preeclampsia and intrauterine growth restriction. <i>Prenatal Diagnosis</i> , 2010, 30, 815-820.	2.3	24
24	Organ Mass Dynamics in Relation to Yolk Precursor Production and Egg Formation in European Starlings <i>Sturnus vulgaris</i> . <i>Physiological and Biochemical Zoology</i> , 1999, 72, 455-461.	1.5	23
25	Characterization of a QTL affecting skeletal size in mice. <i>Mammalian Genome</i> , 2003, 14, 175-183.	2.2	22
26	Influence of sex steroid hormones on spatial memory in a songbird. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2008, 194, 963-969.	1.6	22
27	Intraspecific variation in reproductive physiology and egg quality in the European Starling <i>Sturnus vulgaris</i> . <i>Journal of Avian Biology</i> , 2001, 32, 31-37.	1.2	21
28	IGFBP-4 and $\alpha 5$ are expressed in first-trimester villi and differentially regulate the migration of HTR-8/SVneo cells. <i>Reproductive Biology and Endocrinology</i> , 2014, 12, 123.	3.3	21
29	Associations between imprinted gene expression in the placenta, human fetal growth and preeclampsia. <i>Biology Letters</i> , 2017, 13, 20170643.	2.3	21
30	A maternal high-fat, high-sucrose diet has sex-specific effects on fetal glucocorticoids with little consequence for offspring metabolism and voluntary locomotor activity in mice. <i>PLoS ONE</i> , 2017, 12, e0174030.	2.5	21
31	ADAM12 and PAPP-A: Candidate regulators of trophoblast invasion and first trimester markers of healthy trophoblasts. <i>Cell Adhesion and Migration</i> , 2016, 10, 147-153.	2.7	20
32	Fine mapping dissects pleiotropic growth quantitative trait locus into linked loci. <i>Mammalian Genome</i> , 2007, 18, 240-245.	2.2	19
33	Quantitative Trait Locus (QTL) Mapping Reveals a Role for Unstudied Genes in <i>Aspergillus</i> Virulence. <i>PLoS ONE</i> , 2011, 6, e19325.	2.5	19
34	PAPP-A2 expression by osteoblasts is required for normal postnatal growth in mice. <i>Growth Hormone and IGF Research</i> , 2015, 25, 274-280.	1.1	19
35	Placental villous hypermaturation is associated with improved neonatal outcomes. <i>Placenta</i> , 2019, 76, 1-5.	1.5	19
36	Experimental reduction of haematocrit affects reproductive performance in European starlings. <i>Functional Ecology</i> , 2016, 30, 398-409.	3.6	18

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37	Pappa2 deletion has sex- and age-specific effects on bone in mice. <i>Growth Hormone and IGF Research</i> , 2019, 44, 6-10.	1.1	18
38	Experimental dissociation of the effects of diet, age and breeding experience on primary reproductive effort in zebra finches <i>Taeniopygia guttata</i> . <i>Journal of Avian Biology</i> , 2003, 34, 379-386.	1.2	16
39	Producing extra eggs does not deplete macronutrient reserves in European Starlings <i>Sturnus vulgaris</i> . <i>Journal of Avian Biology</i> , 2000, 31, 312-318.	1.2	14
40	A major QTL controls susceptibility to spinal curvature in the curveback guppy. <i>BMC Genetics</i> , 2011, 12, 16.	2.7	14
41	When are sex-specific effects really sex-specific?. <i>Journal of Developmental Origins of Health and Disease</i> , 2015, 6, 438-442.	1.4	14
42	Altered placental expression of PAPP2 does not affect birth weight in mice. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 90.	3.3	12
43	Obesogenic diet exposure alters uterine natural killer cell biology and impairs vasculature remodeling in mice. <i>Biology of Reproduction</i> , 2020, 102, 63-75.	2.7	11
44	Sex-dependent effects of prenatal food and protein restriction on offspring physiology in rats and mice: systematic review and meta-analyses. <i>Biology of Sex Differences</i> , 2021, 12, 21.	4.1	11
45	Pregnancy complications recur independently of maternal vascular malperfusion lesions. <i>PLoS ONE</i> , 2020, 15, e0228664.	2.5	10
46	An evaluation of Interprofessional group antenatal care: a prospective comparative study. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 297.	2.4	8
47	Recombinant IGF-1 Induces Sex-Specific Changes in Bone Composition and Remodeling in Adult Mice with Pappa2 Deficiency. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4048.	4.1	8
48	The Placenta's Role in Sexually Dimorphic Fetal Growth Strategies. <i>Reproductive Sciences</i> , 2022, 29, 1895-1907.	2.5	8
49	Mononucleotide repeats represent an important source of polymorphic microsatellite markers in <i>Aspergillus nidulans</i> . <i>Molecular Ecology Resources</i> , 2009, 9, 572-578.	4.8	7
50	Haematocrit, eggshell colouration and sexual signaling in the European starling (<i>Sturnus vulgaris</i>). <i>BMC Ecology</i> , 2016, 16, 31.	3.0	7
51	Are there sex differences in fetal growth strategies and in the long-term effects of pregnancy complications on cognitive functioning?. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, 13, 766-778.	1.4	7
52	Genetic Architecture: Dissecting the Genetic Basis of Phenotypic Variation. <i>Current Biology</i> , 2002, 12, R415-R416.	3.9	6
53	Effects of Porcine Follicle-Stimulating Hormone on the Reproductive Performance of Female Zebra Finches (<i>Taeniopygia guttata</i>). <i>General and Comparative Endocrinology</i> , 2002, 125, 121-131.	1.8	6
54	Pappa2 deletion in mice affects male but not female fertility. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 109.	3.3	6

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55	PAPP-A2 deficiency does not exacerbate the phenotype of a mouse model of intrauterine growth restriction. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 58.	3.3	4
56	Identification and reciprocal introgression of a QTL affecting body mass in mice. <i>Genetics Selection Evolution</i> , 2004, 36, 577-91.	3.0	2
57	Behavioural Genetics: Finding Genes that Cause Complex Trait Variation. <i>Current Biology</i> , 2005, 15, R19-R21.	3.9	1
58	Recovery of the maternal skeleton after lactation is impaired by advanced maternal age but not by reduced IGF availability in the mouse. <i>PLoS ONE</i> , 2021, 16, e0256906.	2.5	1
59	Identification and reciprocal introgression of a QTL affecting body mass in mice. <i>Genetics Selection Evolution</i> , 2004, 36, 577-591.	3.0	1
60	Maternal Obesity Does Not Exacerbate the Effects of LPS Injection on Pregnancy Outcomes in Mice. <i>Biology</i> , 2020, 9, 293.	2.8	0
61	Pregnancy complications recur independently of maternal vascular malperfusion lesions. , 2020, 15, e0228664.		0
62	Pregnancy complications recur independently of maternal vascular malperfusion lesions. , 2020, 15, e0228664.		0
63	Pregnancy complications recur independently of maternal vascular malperfusion lesions. , 2020, 15, e0228664.		0
64	Pregnancy complications recur independently of maternal vascular malperfusion lesions. , 2020, 15, e0228664.		0
65	Pregnancy complications recur independently of maternal vascular malperfusion lesions. , 2020, 15, e0228664.		0
66	Pregnancy complications recur independently of maternal vascular malperfusion lesions. , 2020, 15, e0228664.		0