

# Jonathan A Green

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9559993/publications.pdf>

Version: 2024-02-01

83  
papers

4,474  
citations

136950

32  
h-index

106344

65  
g-index

83  
all docs

83  
docs citations

83  
times ranked

3981  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome Sequence of Taurine Cattle: A Window to Ruminant Biology and Evolution. <i>Science</i> , 2009, 324, 522-528.	12.6	1,038
2	Relationship between follicle size at insemination and pregnancy success. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5268-5273.	7.1	336
3	Pregnancy-Associated Bovine and Ovine Glycoproteins Exhibit Spatially and Temporally Distinct Expression Patterns During Pregnancy <sup>1</sup> . <i>Biology of Reproduction</i> , 2000, 62, 1624-1631.	2.7	231
4	The establishment of an ELISA for the detection of pregnancy-associated glycoproteins (PAGs) in the serum of pregnant cows and heifers. <i>Theriogenology</i> , 2005, 63, 1481-1503.	2.1	176
5	The diversity and evolutionary relationships of the pregnancy-associated glycoproteins, an aspartic proteinase subfamily consisting of many trophoblast-expressed genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 12809-12816.	7.1	156
6	Light and electron microscope immunocytochemical studies of the distribution of pregnancy associated glycoproteins (PAGs) throughout pregnancy in the cow: possible functional implications. <i>Placenta</i> , 2005, 26, 807-827.	1.5	142
7	The evolution of the placenta. <i>Reproduction</i> , 2016, 152, R179-R189.	2.6	142
8	Transcriptional Profiling of Pig Embryogenesis by Using a 15-K Member Unigene Set Specific for Pig Reproductive Tissues and Embryos <sup>1</sup> . <i>Biology of Reproduction</i> , 2005, 72, 1437-1451.	2.7	125
9	Circulating concentrations of bovine pregnancy-associated glycoproteins and late embryonic mortality in lactating dairy herds. <i>Journal of Dairy Science</i> , 2016, 99, 1584-1594.	3.4	123
10	Placental PAGs: gene origins, expression patterns, and use as markers of pregnancy. <i>Reproduction</i> , 2015, 149, R115-R126.	2.6	110
11	An Intact Sialoadhesin (Sn/SIGLEC1/CD169) Is Not Required for Attachment/Internalization of the Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Virology</i> , 2013, 87, 9538-9546.	3.4	106
12	Porcine Pregnancy-Associated Glycoproteins: New Members of the Aspartic Proteinase Gene Family Expressed in Trophectoderm <sup>1</sup> . <i>Biology of Reproduction</i> , 1995, 53, 21-28.	2.7	86
13	Caprine pregnancy-associated glycoproteins (PAG): Their cloning, expression, and evolutionary relationship to other PAG. <i>Molecular Reproduction and Development</i> , 2000, 57, 311-322.	2.0	84
14	Glycolysis in preimplantation development is partially controlled by the Warburg Effect. <i>Molecular Reproduction and Development</i> , 2012, 79, 262-271.	2.0	82
15	Characterization of the bovine pregnancy-associated glycoprotein gene family â€“ analysis of gene sequences, regulatory regions within the promoter and expression of selected genes. <i>BMC Genomics</i> , 2009, 10, 185.	2.8	73
16	Method of oocyte activation affects cloning efficiency in pigs. <i>Molecular Reproduction and Development</i> , 2009, 76, 490-500.	2.0	65
17	Use of bovine pregnancy-associated glycoproteins to predict late embryonic mortality in postpartum Nelore beef cows. <i>Theriogenology</i> , 2016, 85, 1652-1659.	2.1	63
18	Multiple Pregnancy-Associated Glycoproteins are Secreted by Day 100 Ovine Placental Tissue <sup>1</sup> . <i>Biology of Reproduction</i> , 1997, 57, 1384-1393.	2.7	60

#	ARTICLE	IF	CITATIONS
19	Effect of Interferon- $\beta$ , Administration on Endometrium of Nonpregnant Ewes: A Comparison with Pregnant Ewes. <i>Endocrinology</i> , 2006, 147, 2127-2137.	2.8	60
20	Circulating microRNA as candidates for early embryonic viability in cattle. <i>Molecular Reproduction and Development</i> , 2017, 84, 731-743.	2.0	59
21	Circulating bovine pregnancy associated glycoproteins are associated with late embryonic/fetal survival but not ovulatory follicle size in suckled beef cows <sup>1</sup> . <i>Journal of Animal Science</i> , 2013, 91, 4158-4167.	0.5	57
22	The gene encoding bovine pregnancy-associated glycoprotein-1, an inactive member of the aspartic proteinase family. <i>Gene</i> , 1995, 159, 193-197.	2.2	54
23	EST-based gene discovery in pig: virtual expression patterns and comparative mapping to human. <i>Mammalian Genome</i> , 2003, 14, 565-579.	2.2	54
24	Developmental Expression of 2489 Gene Clusters During Pig Embryogenesis: An Expressed Sequence Tag Project <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 71, 1230-1243.	2.7	53
25	Identification of a New Aspartic Proteinase Expressed by the Outer Chorionic Cell Layer of the Equine Placenta <sup>1</sup> . <i>Biology of Reproduction</i> , 1999, 60, 1069-1077.	2.7	48
26	Aspartic Proteinase Phylogeny and the Origin of Pregnancy-Associated Glycoproteins. <i>Molecular Biology and Evolution</i> , 2003, 20, 1940-1945.	8.9	48
27	Family of Kunitz proteins from trophoblast: Expression of the trophoblast Kunitz domain proteins (TKDP) in cattle and sheep. <i>Molecular Reproduction and Development</i> , 2003, 65, 30-40.	2.0	47
28	Effects of resynchronization programs on pregnancy per artificial insemination, progesterone, and pregnancy-associated glycoproteins in plasma of lactating dairy cows. <i>Journal of Dairy Science</i> , 2010, 93, 4006-4018.	3.4	45
29	Nutritional skewing of conceptus sex in sheep: effects of a maternal diet enriched in rumen-protected polyunsaturated fatty acids (PUFA). <i>Reproductive Biology and Endocrinology</i> , 2008, 6, 21.	3.3	42
30	Different Ovine Interferon-Tau Genes Are Not Expressed Identically and Their Protein Products Display Different Activities <sup>1</sup> . <i>Biology of Reproduction</i> , 1998, 58, 566-573.	2.7	39
31	Diagnosis of loxoscelism in a child confirmed with an enzyme-linked immunosorbent assay and noninvasive tissue sampling. <i>Journal of the American Academy of Dermatology</i> , 2006, 55, 888-890.	1.2	38
32	Gene for porcine pregnancy-associated glycoprotein 2 (poPAG2): Its structural organization and analysis of its promoter. <i>Molecular Reproduction and Development</i> , 2001, 60, 137-146.	2.0	34
33	Nuclear Remodeling and Reprogramming in Transgenic Pig Production. <i>Experimental Biology and Medicine</i> , 2004, 229, 1120-1126.	2.4	31
34	An Aspartic Proteinase Expressed in the Yolk Sac and Neonatal Stomach of the Mouse <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 65, 1092-1101.	2.7	30
35	A cloning and expression analysis of pregnancy-associated glycoproteins expressed in trophoblasts of the white-tail deer placenta. <i>Molecular Reproduction and Development</i> , 2007, 74, 1355-1362.	2.0	28
36	An examination of the proteolytic activity for bovine pregnancy-associated glycoproteins 2 and 12. <i>Biological Chemistry</i> , 2010, 391, 259-270.	2.5	27

#	ARTICLE	IF	CITATIONS
37	Trophoblast-specific processing and phosphorylation of pregnancy-associated glycoprotein-1 in day 15 to 25 sheep placenta. <i>Biology of Reproduction</i> , 1996, 54, 122-129.	2.7	26
38	The ability to predict pregnancy loss in cattle with ELISAs that detect pregnancy associated glycoproteins is antibody dependent. <i>Theriogenology</i> , 2018, 108, 269-276.	2.1	25
39	Identification and quantification of differentially represented transcripts in in vitro and in vivo derived preimplantation bovine embryos. <i>Molecular Reproduction and Development</i> , 2009, 76, 48-60.	2.0	22
40	Atypical Kunitz-Type Serine Proteinase Inhibitors Produced by the Ruminant Placenta <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 71, 455-463.	2.7	21
41	Activation method does not alter abnormal placental gene expression and development in cloned pigs. <i>Molecular Reproduction and Development</i> , 2010, 77, 1016-1030.	2.0	20
42	Increased vascular endothelial growth factor and pregnancy-associated glycoproteins, but not insulin-like growth factor-I, in maternal blood of cows gestating twin fetuses <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2006, 84, 2057-2064.	0.5	19
43	Dietary Protein During Gestation Affects Circulating Indicators of Placental Function and Fetal Development in Heifers. <i>Placenta</i> , 2009, 30, 348-354.	1.5	19
44	Origin and evolution of the TKDP gene family. <i>Gene</i> , 2006, 373, 35-43.	2.2	18
45	Morphologic and histologic comparisons between in vivo and nuclear transfer derived porcine embryos. <i>Molecular Reproduction and Development</i> , 2007, 74, 952-960.	2.0	18
46	Selection for placental efficiency in swine: Conceptus development <sup>1</sup> . <i>Journal of Animal Science</i> , 2012, 90, 4217-4222.	0.5	18
47	Identification of survivin, an inhibitor of apoptosis, in canine urinary bladder transitional cell carcinoma*. <i>Veterinary and Comparative Oncology</i> , 2008, 6, 141-150.	1.8	16
48	Extreme Pain From Brown Recluse Spider Bites. <i>JAMA Dermatology</i> , 2014, 150, 1205.	4.1	15
49	Implantation and Placentation in Ruminants. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2021, 234, 129-154.	1.6	14
50	Constructing cDNA Libraries with Fewer Clones that Contain Long poly(dA) Tails. <i>BioTechniques</i> , 2001, 31, 38-42.	1.8	13
51	Characterization of the Peptidase Activity of Recombinant Porcine Pregnancy-associated Glycoprotein-2. <i>Journal of Biochemistry</i> , 2008, 144, 725-732.	1.7	13
52	Rapid Evolution of the Trophoblast Kunitz Domain Proteins (TKDPs)â€™A Multigene Family in Ruminant Ungulates. <i>Journal of Molecular Evolution</i> , 2006, 63, 274-282.	1.8	12
53	Pharmacologic Reprogramming Designed to Induce a Warburg Effect in Porcine Fetal Fibroblasts Alters Gene Expression and Quantities of Metabolites from Conditioned Media Without Increased Cell Proliferation. <i>Cellular Reprogramming</i> , 2018, 20, 38-48.	0.9	12
54	Effect of estradiol preceding and progesterone subsequent to ovulation on proportion of postpartum beef cows pregnant. <i>Animal Reproduction Science</i> , 2021, 227, 106723.	1.5	12

#	ARTICLE	IF	CITATIONS
55	Expression of pregnancy-associated glycoprotein 1 and 2 genes in in vivo, in vitro and parthenogenetically derived preimplantation pig embryos. <i>Zygote</i> , 2001, 9, 245-250.	1.1	10
56	Acid peptidase activity released from in vitro produced porcine embryos: A candidate marker to predict developmental competence. <i>Molecular Reproduction and Development</i> , 2009, 76, 417-428.	2.0	10
57	Improvement of in vitro and early in utero porcine clone development after somatic donor cells are cultured under hypoxia. <i>Molecular Reproduction and Development</i> , 2019, 86, 558-565.	2.0	10
58	Modulation of granulosa cell function via CRISPR-Cas fuelled editing of BMPR-IB gene in goats ( <i>Capra</i> ) Tj ETQq0 0 0,rgBT /Overlock 10 T	3.8	10
59	Differential Transcript Profiles in Cumulus-Oocyte Complexes Originating from Pre-Ovulatory Follicles of Varied Physiological Maturity in Beef Cows. <i>Genes</i> , 2021, 12, 893.	2.4	10
60	Defining the function of a prolactin gene family member. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16397-16398.	7.1	9
61	Comparison of distributions of survivin among tissues from urinary bladders of dogs with cystitis, transitional cell carcinoma, or histologically normal urinary bladders. <i>American Journal of Veterinary Research</i> , 2008, 69, 1073-1078.	0.6	9
62	Early growth response gene mediates in VEGF and FGF signaling as dissected by CRISPR in corpus luteum of water buffalo. <i>Scientific Reports</i> , 2020, 10, 6849.	3.3	9
63	Systemic loxoscelism confirmation by bite-site skin surface: ELISA. <i>Missouri Medicine</i> , 2009, 106, 425-7, 431.	0.3	9
64	Radiation hybrid comparative mapping between human chromosome 17 and porcine chromosome 12 demonstrates conservation of gene order. <i>Animal Genetics</i> , 2001, 32, 205-209.	1.7	8
65	Evaluation of a B-cell leukemia-lymphoma 2-specific radiolabeled peptide nucleic acidâ€“peptide conjugate for scintigraphic detection of neoplastic lymphocytes in dogs with B-cell lymphoma. <i>American Journal of Veterinary Research</i> , 2012, 73, 681-688.	0.6	8
66	Improvements in pig agriculture through gene editing. <i>CABI Agriculture and Bioscience</i> , 2022, 3, .	2.4	8
67	Autoimmunization of ewes against pregnancy-associated glycoproteins does not interfere with the establishment and maintenance of pregnancy. <i>Animal</i> , 2009, 3, 850-857.	3.3	7
68	Bovine pregnancy associated glycoproteins can alter selected transcripts in bovine endometrial explants. <i>Theriogenology</i> , 2019, 131, 123-132.	2.1	7
69	Deciphering the functional role of EGR1 in Prostaglandin F2 alpha induced luteal regression applying CRISPR in corpus luteum of buffalo. <i>Biological Research</i> , 2021, 54, 9.	3.4	7
70	Epithelial-mesenchymal transition and bi- and multi-nucleated trophoblast cell formation in ovine conceptuses during the peri-implantation period. <i>Journal of Reproduction and Development</i> , 2022, 68, 110-117.	1.4	7
71	Comparative Placentation. , 0, , 271-319.		6
72	Pharmacologic treatment of donor cells induced to have a Warburg effectâ€“like metabolism does not alter embryonic development in vitro or survival during early gestation when used in somatic cell nuclear transfer in pigs. <i>Molecular Reproduction and Development</i> , 2018, 85, 290-302.	2.0	5

#	ARTICLE	IF	CITATIONS
73	Utilizing a rat delayed implantation model to teach integrative endocrinology and reproductive biology. American Journal of Physiology - Advances in Physiology Education, 2018, 42, 56-63.	1.6	5
74	Porcine Fetal-Derived Fibroblasts Alter Gene Expression and Mitochondria to Compensate for Hypoxic Stress During Culture. Cellular Reprogramming, 2018, 20, 225-235.	0.9	4
75	Pharmacologic treatment with CPI-613 and PS48 decreases mitochondrial membrane potential and increases quantity of autolysosomes in porcine fibroblasts. Scientific Reports, 2019, 9, 9417.	3.3	4
76	Establishment of an ELISA for the Detection of Native Bovine Pregnancy-Associated Glycoproteins Secreted by Trophoblast Binucleate Cells. , 2006, 122, 321-330.		3
77	Invited Review: Detection and management of pregnancy loss in the cow herd. The Professional Animal Scientist, 2018, 34, 544-557.	0.7	2
78	Pregnancy Associated Glycoproteins. , 2018, , 508-513.		1
79	Physiological, health, lactation, and reproductive traits of cooled dairy cows classified as having high or low core body temperature during the dry period <sup>1</sup> . Journal of Animal Science, 2019, 97, 4792-4802.	0.5	1
80	Pregnancy-Associated Glycoproteins. , 2013, , 93-96.		0
81	Pepsin F. , 2013, , 96-98.		0
82	Altering rat sexual behavior to teach hormonal regulation of brain imprinting. American Journal of Physiology - Advances in Physiology Education, 2019, 43, 458-466.	1.6	0
83	Obtundation and Myocardial Infarction in a Case of Systemic Loxoscelism. Missouri Medicine, 2014, 111, 143-147.	0.3	0