

# Almudena Veiga-Lopez

## List of Publications by Citations

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78  
papers

2,100  
citations

27  
h-index

43  
g-index

80  
ext. papers

2,436  
ext. citations

3.9  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
78	Sheep models of polycystic ovary syndrome phenotype. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 373, 8-20	4.4	147
77	Developmental programming: impact of prenatal testosterone excess and postnatal weight gain on insulin sensitivity index and transfer of traits to offspring of overweight females. <i>Endocrinology</i> , <b>2010</b> , 151, 595-605	4.8	110
76	Developmental programming: gestational bisphenol-A treatment alters trajectory of fetal ovarian gene expression. <i>Endocrinology</i> , <b>2013</b> , 154, 1873-84	4.8	109
75	Developmental programming: differential effects of prenatal testosterone and dihydrotestosterone on follicular recruitment, depletion of follicular reserve, and ovarian morphology in sheep. <i>Biology of Reproduction</i> , <b>2009</b> , 80, 726-36	3.9	94
74	Animal models of the polycystic ovary syndrome phenotype. <i>Steroids</i> , <b>2013</b> , 78, 734-40	2.8	91
73	Gender-Specific Effects on Gestational Length and Birth Weight by Early Pregnancy BPA Exposure. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, E1394-403	5.6	83
72	Developmental programming: impact of excess prenatal testosterone on intrauterine fetal endocrine milieu and growth in sheep. <i>Biology of Reproduction</i> , <b>2011</b> , 84, 87-96	3.9	82
71	Effects of progestagens and prostaglandin analogues on ovarian function and embryo viability in sheep. <i>Theriogenology</i> , <b>2005</b> , 63, 2523-34	2.8	70
70	Developmental programming: deficits in reproductive hormone dynamics and ovulatory outcomes in prenatal, testosterone-treated sheep. <i>Biology of Reproduction</i> , <b>2008</b> , 78, 636-47	3.9	61
69	Chick embryo chorioallantoic membrane (CAM) model: a useful tool to study short-term transplantation of cryopreserved human ovarian tissue. <i>Fertility and Sterility</i> , <b>2009</b> , 91, 285-92	4.8	60
68	Developmental reprogramming of reproductive and metabolic dysfunction in sheep: native steroids vs. environmental steroid receptor modulators. <i>Journal of Developmental and Physical Disabilities</i> , <b>2010</b> , 33, 394-404		58
67	Developmental origin of reproductive and metabolic dysfunctions: androgenic versus estrogenic reprogramming. <i>Seminars in Reproductive Medicine</i> , <b>2011</b> , 29, 173-86	1.4	58
66	Obesogenic Endocrine Disrupting Chemicals: Identifying Knowledge Gaps. <i>Trends in Endocrinology and Metabolism</i> , <b>2018</b> , 29, 607-625	8.8	56
65	Developmental programming: impact of prenatal testosterone excess on insulin sensitivity, adiposity, and free fatty acid profile in postpubertal female sheep. <i>Endocrinology</i> , <b>2013</b> , 154, 1731-42	4.8	49
64	The effects of previous ovarian status on ovulation rate and early embryo development in response to superovulatory FSH treatments in sheep. <i>Theriogenology</i> , <b>2005</b> , 63, 1973-83	2.8	46
63	Impact of gestational bisphenol A on oxidative stress and free fatty acids: Human association and interspecies animal testing studies. <i>Endocrinology</i> , <b>2015</b> , 156, 911-22	4.8	44
62	Developmental programming: contribution of prenatal androgen and estrogen to estradiol feedback systems and periovulatory hormonal dynamics in sheep. <i>Biology of Reproduction</i> , <b>2009</b> , 80, 718-25	3.9	44

61	Reproduction Symposium: developmental programming of reproductive and metabolic health. <i>Journal of Animal Science</i> , <b>2014</b> , 92, 3199-210	0.7	43
60	Developmental programming: prenatal testosterone excess disrupts anti-Müllerian hormone expression in preantral and antral follicles. <i>Fertility and Sterility</i> , <b>2012</b> , 97, 748-56	4.8	43
59	Placenta Disrupted: Endocrine Disrupting Chemicals and Pregnancy. <i>Trends in Endocrinology and Metabolism</i> , <b>2020</b> , 31, 508-524	8.8	40
58	Toxicokinetics of bisphenol A, bisphenol S, and bisphenol F in a pregnancy sheep model. <i>Chemosphere</i> , <b>2019</b> , 220, 185-194	8.4	40
57	Developmental Programming: Prenatal and Postnatal Androgen Antagonist and Insulin Sensitizer Interventions Prevent Advancement of Puberty and Improve LH Surge Dynamics in Prenatal Testosterone-Treated Sheep. <i>Endocrinology</i> , <b>2015</b> , 156, 2678-92	4.8	38
56	Developmental Programming: Impact of Gestational Steroid and Metabolic Milieus on Adiposity and Insulin Sensitivity in Prenatal Testosterone-Treated Female Sheep. <i>Endocrinology</i> , <b>2016</b> , 157, 522-35	4.8	37
55	Sex-Specific Modulation of Fetal Adipogenesis by Gestational Bisphenol A and Bisphenol S Exposure. <i>Endocrinology</i> , <b>2017</b> , 158, 3844-3858	4.8	36
54	Developmental programming: impact of testosterone on placental differentiation. <i>Reproduction</i> , <b>2014</b> , 148, 199-209	3.8	35
53	Developmental programming: interaction between prenatal BPA exposure and postnatal adiposity on metabolic variables in female sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2016</b> , 310, E238-47	6	31
52	Gestational bisphenol S impairs placental endocrine function and the fusogenic trophoblast signaling pathway. <i>Archives of Toxicology</i> , <b>2018</b> , 92, 1861-1876	5.8	30
51	Developmental programming: insulin sensitizer treatment improves reproductive function in prenatal testosterone-treated female sheep. <i>Endocrinology</i> , <b>2010</b> , 151, 4007-17	4.8	26
50	Induction of the presence of corpus luteum during superovulatory treatments enhances in vivo and in vitro blastocysts output in sheep. <i>Theriogenology</i> , <b>2005</b> , 64, 1392-403	2.8	23
49	Sex steroid receptor expression in the oviduct and uterus of sheep with estrus synchronized with progestagen or prostaglandin analogues. <i>Animal Reproduction Science</i> , <b>2007</b> , 97, 25-35	2.1	22
48	Causes, characteristics and consequences of anovulatory follicles in superovulated sheep. <i>Domestic Animal Endocrinology</i> , <b>2006</b> , 30, 76-87	2.3	22
47	PPAR $\alpha$ agonist through the terminal differentiation phase is essential for adipogenic differentiation of fetal ovine preadipocytes. <i>Cellular and Molecular Biology Letters</i> , <b>2017</b> , 22, 6	8.1	20
46	Time-dependent changes in pregnancy-associated glycoproteins and progesterone in commercial crossbred sheep. <i>Theriogenology</i> , <b>2017</b> , 89, 271-279	2.8	18
45	Developmental programming: prenatal BPA treatment disrupts timing of LH surge and ovarian follicular wave dynamics in adult sheep. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 279, 119-28	4.6	18
44	Effects of prenatal bisphenol-A exposure and postnatal overfeeding on cardiovascular function in female sheep. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2017</b> , 8, 65-74	2.4	17

43	Timing of preovulatory LH surge and ovulation in superovulated sheep are affected by follicular status at start of the FSH treatment. <i>Reproduction in Domestic Animals</i> , <b>2008</b> , 43, 92-8	1.6	17
42	Effects of progestagens on follicular growth and oocyte developmental competence in FSH-treated ewes. <i>Domestic Animal Endocrinology</i> , <b>2007</b> , 32, 303-14	2.3	17
41	Features of follicle-stimulating hormone-stimulated follicles in a sheep model: keys to elucidate embryo failure in assisted reproductive technique cycles. <i>Fertility and Sterility</i> , <b>2008</b> , 89, 1328-37	4.8	13
40	Culture of early stage ovine embryos to blastocyst enhances survival rate after cryopreservation. <i>Theriogenology</i> , <b>2005</b> , 63, 2233-42	2.8	13
39	Survival of frozen-thawed sheep embryos cryopreserved at cleavage stages. <i>Cryobiology</i> , <b>2006</b> , 52, 108-117	1.3	13
38	Effects of breed on kinetics of ovine FSH and ovarian response in superovulated sheep. <i>Theriogenology</i> , <b>2006</b> , 66, 896-905	2.8	13
37	Developmental Programming: Does Prenatal Steroid Excess Disrupt the Ovarian VEGF System in Sheep?. <i>Biology of Reproduction</i> , <b>2015</b> , 93, 58	3.9	12
36	Developmental Programming: Gestational Exposure to Excess Testosterone Alters Expression of Ovarian Matrix Metalloproteases and Their Target Proteins. <i>Reproductive Sciences</i> , <b>2018</b> , 25, 882-892	3	12
35	Follicular growth, endocrine response and embryo yields in sheep superovulated with FSH after pretreatment with a single short-acting dose of GnRH antagonist. <i>Theriogenology</i> , <b>2005</b> , 64, 1833-43	2.8	12
34	Developmental programming: rescuing disruptions in preovulatory follicle growth and steroidogenesis from prenatal testosterone disruption. <i>Journal of Ovarian Research</i> , <b>2016</b> , 9, 39	5.5	11
33	Multiple factors affecting the efficiency of multiple ovulation and embryo transfer in sheep and goats. <i>Reproduction, Fertility and Development</i> , <b>2004</b> , 16, 421-35	1.8	11
32	Multispecies study: low-dose tributyltin impairs ovarian theca cell cholesterol homeostasis through the RXR pathway in five mammalian species including humans. <i>Archives of Toxicology</i> , <b>2019</b> , 93, 1665-1677 <sup>58</sup>	5.8	10
31	GnRH antagonist enhance follicular growth in FSH-treated sheep but affect developmental competence of oocytes collected by ovum pick-up. <i>Theriogenology</i> , <b>2006</b> , 65, 1099-109	2.8	10
30	Developmental programming: postnatal estradiol amplifies ovarian follicular defects induced by fetal exposure to excess testosterone and dihydrotestosterone in sheep. <i>Reproductive Sciences</i> , <b>2014</b> , 21, 444-55	3	9
29	Developmental programming: Impact of prenatal testosterone treatment and postnatal obesity on ovarian follicular dynamics. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2012</b> , 3, 276-86	2.4	9
28	Effects of breed on follicular dynamics and oestradiol secretion during the follicular phase in sheep. <i>Reproduction in Domestic Animals</i> , <b>2007</b> , 42, 29-33	1.6	9
27	Automated lipid droplet quantification system for phenotypic analysis of adipocytes using CellProfiler. <i>Toxicology Mechanisms and Methods</i> , <b>2020</b> , 30, 378-387	3.6	8
26	Evidence of intraovarian follicular dominance effects during controlled ovarian stimulation in a sheep model. <i>Fertility and Sterility</i> , <b>2008</b> , 89, 1507-13	4.8	8

25	Restoration of endocrine and ovarian function after stopping GnRH antagonist treatment in goats. <i>Theriogenology</i> , <b>2005</b> , 63, 83-91	2.8	8
24	Undernutrition and hyperandrogenism during pregnancy: Role in programming of cardiovascular disease and infertility. <i>Molecular Reproduction and Development</i> , <b>2019</b> , 86, 1255-1264	2.6	7
23	Ovarian response in sheep superovulated after pretreatment with growth hormone and GnRH antagonists is weakened by failures in oocyte maturation. <i>Zygote</i> , <b>2004</b> , 12, 301-4	1.6	7
22	A 3-dimensional microfluidic platform for modeling human extravillous trophoblast invasion and toxicological screening. <i>Lab on A Chip</i> , <b>2021</b> , 21, 546-557	7.2	7
21	Developmental programming: Sex-specific programming of growth upon prenatal bisphenol A exposure. <i>Journal of Applied Toxicology</i> , <b>2019</b> , 39, 1516-1531	4.1	6
20	Administration of single short-acting doses of GnRH antagonist modifies pituitary and follicular function in sheep. <i>Domestic Animal Endocrinology</i> , <b>2005</b> , 29, 476-87	2.3	6
19	Pregnancy-specific physiologically-based toxicokinetic models for bisphenol A and bisphenol S. <i>Environment International</i> , <b>2021</b> , 147, 106301	12.9	6
18	Reproducibility of adipogenic responses to metabolism disrupting chemicals in the 3T3-L1 pre-adipocyte model system: An interlaboratory study. <i>Toxicology</i> , <b>2021</b> , 461, 152900	4.4	6
17	Gestational Exposure to Bisphenol A and Bisphenol S Leads to Fetal Skeletal Muscle Hypertrophy Independent of Sex. <i>Toxicological Sciences</i> , <b>2019</b> , 172, 292-302	4.4	5
16	Preovulatory follicle development in goats following oestrous synchronization with progestagens or prostaglandins. <i>Reproduction in Domestic Animals</i> , <b>2008</b> , 43, 9-14	1.6	5
15	Bisphenol S enhances gap junction intercellular communication in ovarian theca cells. <i>Chemosphere</i> , <b>2021</b> , 263, 128304	8.4	5
14	Effects of growth hormone and gonadotrophin releasing hormone antagonists on ovarian follicle growth in sheep. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2006</b> , 29, 373-7	1.4	4
13	Shearing during late pregnancy increases size at birth but does not alter placental endocrine responses in sheep. <i>Animal</i> , <b>2020</b> , 14, 799-806	3.1	4
12	Bisphenol S and Epidermal Growth Factor Receptor Signaling in Human Placental Cytotrophoblasts. <i>Environmental Health Perspectives</i> , <b>2021</b> , 129, 27005	8.4	4
11	Effect of embryo developmental stage and culture conditions on number and quality of ovine in vitro produced blastocysts. <i>Zygote</i> , <b>2006</b> , 14, 181-7	1.6	3
10	Plasma Inorganic Pyrophosphate Deficiency Links Multiparity to Cardiovascular Disease Risk. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 573727	5.7	3
9	In Vitro Effects of Emerging Bisphenols on Myocyte Differentiation and Insulin Responsiveness. <i>Toxicological Sciences</i> , <b>2020</b> , 178, 189-200	4.4	2
8	Preconceptional diet manipulation and fetus number can influence placenta endocrine function in sheep. <i>Domestic Animal Endocrinology</i> , <b>2021</b> , 74, 106577	2.3	2

7	Developmental programming: Prenatal testosterone excess disrupts pancreatic islet developmental trajectory in female sheep. <i>Molecular and Cellular Endocrinology</i> , <b>2020</b> , 518, 110950	4.4	1
6	The new kids on the block: Emerging obesogens. <i>Advances in Pharmacology</i> , <b>2021</b> , 92, 457-484	5.7	1
5	Sex-specific extracellular matrix remodeling during early adipogenic differentiation by gestational bisphenol A exposure.. <i>Chemosphere</i> , <b>2022</b> , 302, 134806	8.4	0
4	Local Mixed-Effects Fitting for Detecting Reproductive Hormone Surge Times. <i>Statistics in Biosciences</i> , <b>2012</b> , 4, 245-261	1.5	
3	Expression of ABC transporters during syncytialization in preeclampsia.. <i>Pregnancy Hypertension</i> , <b>2022</b> , 27, 181-188	2.6	
2	A modified parachute assay for assessment of gap junction intercellular communication in placental trophoblast cells. <i>Toxicology Mechanisms and Methods</i> , <b>2021</b> , 31, 393-399	3.6	
1	Response to the letter to the editor. <i>Chemosphere</i> , <b>2020</b> , 238, 124498	8.4	