

Francisco Dominguez

List of Publications by Citations

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76
papers

2,550
citations

29
h-index

49
g-index

83
ext. papers

2,978
ext. citations

4.1
avg, IF

4.75
L-index

#	Paper	IF	Citations
76	Controlled ovarian stimulation induces a functional genomic delay of the endometrium with potential clinical implications. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 4500-10	5.6	150
75	Defective decidualization during and after severe preeclampsia reveals a possible maternal contribution to the etiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E8468-E8477	11.5	141
74	Hormonal and embryonic regulation of chemokines IL-8, MCP-1 and RANTES in the human endometrium during the window of implantation. <i>Molecular Human Reproduction</i> , 2002 , 8, 375-84	4.4	105
73	Proteomic analysis of the human receptive versus non-receptive endometrium using differential in-gel electrophoresis and MALDI-MS unveils stathmin 1 and annexin A2 as differentially regulated. <i>Human Reproduction</i> , 2009 , 24, 2607-17	5.7	100
72	Hormonal and embryonic regulation of chemokine receptors CXCR1, CXCR4, CCR5 and CCR2B in the human endometrium and the human blastocyst. <i>Molecular Human Reproduction</i> , 2003 , 9, 189-98	4.4	98
71	Embryonic implantation and leukocyte transendothelial migration: different processes with similar players?. <i>FASEB Journal</i> , 2005 , 19, 1056-60	0.9	89
70	Comparative protein-profile analysis of implanted versus non-implanted human blastocysts. <i>Human Reproduction</i> , 2008 , 23, 1993-2000	5.7	83
69	Contemporary genetic technologies and female reproduction. <i>Human Reproduction Update</i> , 2012 , 18, 231-231	15.8	78
68	Soluble ligands and their receptors in human embryo development and implantation. <i>Endocrine Reviews</i> , 2015 , 36, 92-130	27.2	74
67	Leptin system in embryo development and implantation: a protein in search of a function. <i>Reproductive BioMedicine Online</i> , 2005 , 10, 217-23	4	69
66	Embryologic outcome and secretome profile of implanted blastocysts obtained after coculture in human endometrial epithelial cells versus the sequential system. <i>Fertility and Sterility</i> , 2010 , 93, 774-782.e1	4.8	61
65	Human endometrial receptivity: gene regulation. <i>Journal of Reproductive Immunology</i> , 2002 , 55, 131-9	4.2	60
64	Effect of an intrauterine device on the gene expression profile of the endometrium. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 3199-207	5.6	57
63	The role of the leptin in reproduction. <i>Current Opinion in Obstetrics and Gynecology</i> , 2006 , 18, 297-303	2.4	57
62	Determinants of endometrial receptivity. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1034, 166-75	7.5	57
61	CXCL10 and IL-6 induce chemotaxis in human trophoblast cell lines. <i>Molecular Human Reproduction</i> , 2008 , 14, 423-30	4.4	55
60	The role of estrogen in uterine receptivity and blastocyst implantation. <i>Trends in Endocrinology and Metabolism</i> , 2003 , 14, 197-9	8.8	55

59	Annexin A2 is critical for embryo adhesiveness to the human endometrium by RhoA activation through F-actin regulation. <i>FASEB Journal</i> , 2012 , 26, 3715-27	0.9	45
58	Modeling human endometrial decidualization from the interaction between proteome and secretome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 706-16	5.6	45
57	A combined approach for gene discovery identifies insulin-like growth factor-binding protein-related protein 1 as a new gene implicated in human endometrial receptivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 1849-57	5.6	45
56	Follicular fluid and mural granulosa cells microRNA profiles vary in in vitro fertilization patients depending on their age and oocyte maturation stage. <i>Fertility and Sterility</i> , 2015 , 104, 1037-1046.e1	4.8	42
55	Human endometrial receptivity: a genomic approach. <i>Reproductive BioMedicine Online</i> , 2003 , 6, 332-8	4	39
54	Embryo effects in human implantation: embryonic regulation of endometrial molecules in human implantation. <i>Annals of the New York Academy of Sciences</i> , 2001 , 943, 1-16	6.5	39
53	New strategy for diagnosing embryo implantation potential by combining proteomics and time-lapse technologies. <i>Fertility and Sterility</i> , 2015 , 104, 908-914	4.8	38
52	Paracrine dialogue in implantation. <i>Molecular and Cellular Endocrinology</i> , 2002 , 186, 175-81	4.4	38
51	Deciphering the proteomic signature of human endometrial receptivity. <i>Human Reproduction</i> , 2014 , 29, 1957-67	5.7	37
50	Human endometrial CD98 is essential for blastocyst adhesion. <i>PLoS ONE</i> , 2010 , 5, e13380	3.7	35
49	Day-3 embryo metabolomics in the spent culture media is altered in obese women undergoing in vitro fertilization. <i>Fertility and Sterility</i> , 2015 , 103, 1407-15.e1	4.8	31
48	Identifying biomarkers for predicting successful embryo implantation: applying single to multi-OMICs to improve reproductive outcomes. <i>Human Reproduction Update</i> , 2020 , 26, 264-301	15.8	27
47	Embryonic miRNA profiles of normal and ectopic pregnancies. <i>PLoS ONE</i> , 2014 , 9, e102185	3.7	25
46	Preeclampsia: a defect in decidualization is associated with deficiency of Annexin A2. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 222, 376.e1-376.e17	6.4	25
45	Single-cell RNA sequencing of oocytes from ovarian endometriosis patients reveals a differential transcriptomic profile associated with lower quality. <i>Human Reproduction</i> , 2019 , 34, 1302-1312	5.7	24
44	Gene expression pattern and immunoreactive protein localization of LGR7 receptor in human endometrium throughout the menstrual cycle. <i>Molecular Human Reproduction</i> , 2004 , 10, 85-90	4.4	24
43	Lipidomic profiling of endometrial fluid in women with ovarian endometriosis. <i>Biology of Reproduction</i> , 2017 , 96, 772-779	3.9	21
42	Effect of vitrification on human oocytes: a metabolic profiling study. <i>Fertility and Sterility</i> , 2013 , 99, 565-72	4.8	20

41	Phylogeny and Phylogeography of a Recent HIV-1 Subtype F Outbreak among Men Who Have Sex with Men in Spain Deriving from a Cluster with a Wide Geographic Circulation in Western Europe. <i>PLoS ONE</i> , 2015 , 10, e0143325	3.7	18
40	The Lin28/Let-7 system in early human embryonic tissue and ectopic pregnancy. <i>PLoS ONE</i> , 2014 , 9, e87698	3.9	17
39	Differential metabolic profiling of non-pure trisomy 21 human preimplantation embryos. <i>Fertility and Sterility</i> , 2012 , 98, 1157-64.e1-2	4.8	17
38	Molecular basis of implantation. <i>Reproductive BioMedicine Online</i> , 2002 , 5 Suppl 1, 44-51	4	15
37	Detection of Missing Proteins Using the PRIDE Database as a Source of Mass Spectrometry Evidence. <i>Journal of Proteome Research</i> , 2016 , 15, 4101-4115	5.6	12
36	NGS Analysis of Human Embryo Culture Media Reveals miRNAs of Extra Embryonic Origin. <i>Reproductive Sciences</i> , 2019 , 26, 214-222	3	12
35	Sperm lipidic profiles differ significantly between ejaculates resulting in pregnancy or not following intracytoplasmic sperm injection. <i>Journal of Assisted Reproduction and Genetics</i> , 2018 , 35, 1973-1985	3.4	11
34	Dynamic expression of PGRMC1 and SERBP1 in human endometrium: an implication in the human decidualization process. <i>Fertility and Sterility</i> , 2017 , 108, 832-842.e1	4.8	11
33	Deregulation of miR-324/KISS1/kisspeptin in early ectopic pregnancy: mechanistic findings with clinical and diagnostic implications. <i>American Journal of Obstetrics and Gynecology</i> , 2019 , 220, 480.e1-480.e17	6.4	10
32	Comparison of different sources of platelet-rich plasma as treatment option for infertility-causing endometrial pathologies. <i>Fertility and Sterility</i> , 2021 , 115, 490-500	4.8	10
31	The human embryo proteome. <i>Reproductive Sciences</i> , 2009 , 16, 188-90	3	9
30	iTRAQ comparison of proteomic profiles of endometrial receptivity. <i>Journal of Proteomics</i> , 2019 , 203, 103381	3.9	8
29	Granulomatous lobular mastitis associated with ductal carcinoma in situ of the breast. <i>SAGE Open Medical Case Reports</i> , 2019 , 7, 2050313X19836583	0.7	8
28	Phytoestrogen exposure alters endometrial stromal cells and interferes with decidualization signaling. <i>Fertility and Sterility</i> , 2019 , 112, 947-958.e3	4.8	8
27	Embryonic adhesion is not affected by endometrial leptin receptor gene silencing. <i>Fertility and Sterility</i> , 2007 , 88, 1086-92	4.8	8
26	An artificial intelligence model based on the proteomic profile of euploid embryos and blastocyst morphology: a preliminary study. <i>Reproductive BioMedicine Online</i> , 2021 , 42, 340-350	4	8
25	Novel nonclassic progesterone receptor PGRMC1 pulldown-precipitated proteins reveal a key role during human decidualization. <i>Fertility and Sterility</i> , 2020 , 113, 1050-1066.e7	4.8	7
24	Uterine natural killer cells: from foe to friend in reproduction. <i>Human Reproduction Update</i> , 2021 , 27, 720-746	15.8	7

23	Transcriptomic behavior of genes associated with chromosome 21 aneuploidies in early embryo development. <i>Fertility and Sterility</i> , 2019 , 111, 991-1001.e2	4.8	6
22	The Metabolomic Profile of Spent Culture Media from Day-3 Human Embryos Cultured under Low Oxygen Tension. <i>PLoS ONE</i> , 2015 , 10, e0142724	3.7	6
21	Paracrine interactions during human implantation. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2002 , 3, 97-105	10.5	6
20	Mammography correlates to better survival rates in breast cancer patients: a 20-year experience in a University health institution. <i>Ecancermedalscience</i> , 2020 , 14, 1005	2.7	6
19	Copper and lead exposures disturb reproductive features of primary endometrial stromal and epithelial cells. <i>Reproductive Toxicology</i> , 2020 , 93, 106-117	3.4	5
18	The Neutrophil to Lymphocyte Ratio Predicts the Response to Neoadjuvant Chemotherapy in Luminal B Breast Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019 , 20, 2209-2212	1.7	4
17	First-line endocrine therapy for advanced breast cancer. A real-world study at a Latin American university health institution. <i>Current Medical Research and Opinion</i> , 2020 , 36, 1195-1199	2.5	3
16	What Do We Know about Classical and Non-Classical Progesterone Receptors in the Human Female Reproductive Tract? A Review. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
15	Tacrolimus Improves the Implantation Rate in Patients with Elevated Th1/2 Helper Cell Ratio and Repeated Implantation Failure (RIF). <i>Geburtshilfe Und Frauenheilkunde</i> , 2020 , 80, 851-862	2	3
14	Inhibition of KIF20A by BKS0349 reduces endometriotic lesions in a xenograft mouse model. <i>Molecular Human Reproduction</i> , 2019 , 25, 562-571	4.4	2
13	Deciphering the Role of PGRMC1 During Human Decidualization Using an In Vitro Approach. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 2313-2327	5.6	2
12	Screen-detected breast cancer is associated with better prognosis and survival compared to self-detected/symptomatic cases in a Chilean cohort of female patients. <i>Breast Cancer Research and Treatment</i> , 2021 , 189, 561-569	4.4	2
11	Proteomics analysis of the endometrium and embryo. Can we improve IVF outcome?289-300		1
10	The analysis of endometrial receptivity 2012 , 366-379		1
9	Embryo-Endometrial signaling. <i>Reproductive Medicine and Assisted Reproductive Techniques Series</i> , 2008 , 296-304		1
8	Pathological complete response to neoadjuvant chemotherapy, but not the addition of carboplatin, is associated with improved survival in Chilean triple negative breast cancer patients: a report of real world data. <i>Ecancermedalscience</i> , 2021 , 15, 1178	2.7	1
7	Differential sperm proteomic profiles according to pregnancy achievement in intracytoplasmic sperm injection cycles: a pilot study. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 1507-1521	3.4	0
6	Cytokines in embryonic secretome as potential markers for embryo selection. <i>American Journal of Reproductive Immunology</i> , 2021 , 85, e13385	3.8	0

- 5 Proteomics in Reproduction: The Dialogue Between the Blastocyst and the Endometrium **2014**, 153-167
- 4 Implantation and uterine receptivity. *International Congress Series*, **2004**, 1266, 177-182
- 3 Embryo interactions in human implantation **2005**, 79-89
- 2 Diet and environmental factors affecting reproduction. *Medicina Reproductiva Y Embriología Clínica*, **2021**, 8, 100102 0.1
- 1 Effect of genistein and daidzein levels on ovarian response and embryo quality in PGT-A cycles. *Fertility and Sterility*, **2019**, 112, e336 4.8