Rina Meidan

List of Publications by Year
in descending order

67 papers	1,981 citations	236925 25 h-index	265206 42 g-index
67 all docs	67 docs citations	67 times ranked	1219 citing authors

#	Article	IF	Citations
1	In Vitro Differentiation of Bovine Theca and Granulosa Cells into Small and Large Luteal-like Cells: Morphological and Functional Characteristics1. Biology of Reproduction, 1990, 43, 913-921.	2.7	143
2	Role of Tumor Necrosis Factor Î± and Its Type I Receptor in Luteal Regression: Induction of Programmed Cell Death in Bovine Corpus Luteum-Derived Endothelial Cells. Biology of Reproduction, 2000, 63, 1905-1912.	2.7	107
3	Administration of Prostaglandin F2Î± During the Early Bovine Luteal Phase Does Not Alter the Expression of ET-1 and of Its Type A Receptor: A Possible Cause for Corpus Luteum Refractoriness. Biology of Reproduction, 2000, 63, 377-382.	2.7	92
4	Characterization of Messenger Ribonucleic Acid Expression for Prostaglandin F2Î± and Luteinizing Hormone Receptors in Various Bovine Luteal Cell Types1. Biology of Reproduction, 1998, 58, 849-856.	2.7	86
5	Hormonal Regulation of Messenger Ribonucleic Acid Expression for Steroidogenic Factor-1, Steroidogenic Acute Regulatory Protein, and Cytochrome P450 Side-Chain Cleavage in Bovine Luteal Cells. Biology of Reproduction, 1999, 60, 628-634.	2.7	77
6	Luteotrophic and Luteolytic Interactions between Bovine Small and Large Luteal-Like Cells and Endothelial Cells1. Biology of Reproduction, 1995, 52, 954-962.	2.7	73
7	Heterodimerization of Endothelin-converting Enzyme-1 Isoforms Regulates the Subcellular Distribution of This Metalloprotease. Journal of Biological Chemistry, 2003, 278, 545-555.	3.4	71
8	Regulation of Angiogenesis-Related Prostaglandin F2alpha-Induced Genes in the Bovine Corpus Luteum1. Biology of Reproduction, 2012, 86, 92.	2.7	68
9	Presence and Regulation of Endocrine Gland Vascular Endothelial Growth Factor/Prokineticin-1 and Its Receptors in Ovarian Cells. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3700-3707.	3.6	67
10	Deciphering the luteal transcriptome: potential mechanisms mediating stage-specific luteolytic response of the corpus luteum to prostaglandin F_{2Î±}. Physiological Genomics, 2011, 43, 447-456.	2.3	66
11	Induction of Endothelin-2 Expression by Luteinizing Hormone and Hypoxia: Possible Role in Bovine Corpus Luteum Formation. Endocrinology, 2010, 151, 1914-1922.	2.8	57
12	Characterization of endothelin-1 and nitric oxide generating systems in corpus luteum-derived endothelial cells. Reproduction, 2004, 128, 463-473.	2.6	54
13	The ovarian endothelin network: an evolving story. Trends in Endocrinology and Metabolism, 2007, 18, 379-385.	7.1	46
14	Distinct Cellular Localization and Regulation of Endothelin-1 and Endothelin-Converting Enzyme-1 Expression in the Bovine Corpus Luteum: Implications for Luteolysis. Endocrinology, 2001, 142, 5254-5260.	2.8	42
15	Small Interfering RNA Molecules Targeting Endothelin-Converting Enzyme-1 Inhibit Endothelin-1 Synthesis and the Invasive Phenotype of Ovarian Carcinoma Cells. Cancer Research, 2008, 68, 9265-9273.	0.9	41
16	The role of hypoxia-induced genes in ovarian angiogenesis. Reproduction, Fertility and Development, 2013, 25, 343.	0.4	41
17	The yin and yang of corpus luteum-derived endothelial cells: Balancing life and death. Domestic Animal Endocrinology, 2005, 29, 318-328.	1.6	34
18	Genomic profiling of bovine corpus luteum maturation. PLoS ONE, 2018, 13, e0194456.	2.5	34

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19	Steroidogenic Enzyme Content and Progesterone Induction by Cyclic Adenosine 3â€²,5â€²-Monophosphate-Generating Agents and Prostaglandin F2Î± in Bovine Theca and Granulosa Cells Luteinized in Vitro1. Biology of Reproduction, 1992, 46, 786-792.	2.7	33
20	Modeling of Human Prokineticin Receptors: Interactions with Novel Small-Molecule Binders and Potential Off-Target Drugs. PLoS ONE, 2011, 6, e27990.	2.5	33
21	Functions and Transcriptional Regulation of Thrombospondins and Their Interrelationship with Fibroblast Growth Factor-2 in Bovine Luteal Cells1. Biology of Reproduction, 2014, 91, 58.	2.7	32
22	Receptor-mediated internalization of LHRH antagonists by pituitary cells. Molecular and Cellular Endocrinology, 1983, 30, 291-301.	3.2	31
23	Endothelin-1 receptors and biosynthesis in the corpus luteum: Molecular and physiological implications. Domestic Animal Endocrinology, 2002, 23, 287-298.	1.6	30
24	HIF1A-dependent increase in endothelin 2 levels in granulosa cells: role of hypoxia, LH/cAMP, and reactive oxygen species. Reproduction, 2015, 149, 11-20.	2.6	28
25	Mechanisms for rescue of corpus luteum during pregnancy: gene expression in bovine corpus luteum following intrauterine pulses of prostaglandins E1 and F2Î±â€. Biology of Reproduction, 2018, 98, 465-479.	2.7	26
26	Endothelin-converting Enzyme-1, Abundance of Isoforms a-d and Identification of a Novel Alternatively Spliced Variant Lacking a Transmembrane Domain. Journal of Biological Chemistry, 2005, 280, 40867-40874.	3.4	25
27	LH receptor mRNA and cytochrome P450 side-chain cleavage expression in bovine theca and granulosa cells luteinized by LH or forskolin. Domestic Animal Endocrinology, 1998, 15, 103-114.	1.6	24
28	Hormonal Regulation and Cell-Specific Expression of Endothelin-Converting Enzyme 1 Isoforms in Bovine Ovarian Endothelial and Steroidogenic Cells1. Biology of Reproduction, 2003, 68, 1361-1368.	2.7	24
29	Unique expression and regulatory mechanisms of EG-VEGF/prokineticin-1 and its receptors in the corpus luteum. Annals of Anatomy, 2005, 187, 529-537.	1.9	24
30	Effects of season, incubation temperature and cell age on progesterone and prostaglandin F2Î± production in bovine luteal cells. Animal Reproduction Science, 1993, 32, 27-40.	1.5	23
31	Expression Pattern of Prokineticin 1 and Its Receptors in Bovine Ovaries During the Estrous Cycle: Involvement in Corpus Luteum Regression and Follicular Atresia. Biology of Reproduction, 2007, 76, 749-758.	2.7	23
32	Ever-changing cell interactions during the life span of the corpus luteum: Relevance to luteal regression. Reproductive Biology, 2014, 14, 75-82.	1.9	22
33	Thrombospondin-1 Affects Bovine Luteal Function via Transforming Growth Factor-Beta1-Dependent and Independent Actions1. Biology of Reproduction, 2016, 94, 25.	2.7	22
34	Interferon-tau promotes luteal endothelial cell survival and inhibits specific luteolytic genes in bovine corpus luteum. Reproduction, 2017, 154, 559-568.	2.6	22
35	Differential Expression of Prokineticin Receptors by Endothelial Cells Derived from Different Vascular Beds: a Physiological Basis for Distinct Endothelial Function. Cellular Physiology and Biochemistry, 2006, 18, 315-326.	1.6	21
36	Fibroblast growth factor-2 and transforming growth factor-beta1 oppositely regulate miR-221 that targets thrombospondin-1 in bovine luteal endothelial cells. Biology of Reproduction, 2018, 98, 366-375.	2.7	21

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37	Induction of Heparanase in Bovine Granulosa Cells by Luteinizing Hormone: Possible Role during the Ovulatory Process. Endocrinology, 2009, 150, 413-421.	2.8	20
38	Endothelin-converting enzyme is a plausible target gene for hypoxia-inducible factor. Kidney International, 2015, 87, 761-770.	5.2	20
39	A differential effect of trypsin on pituitary gonadotropin-releasing hormone receptors from intact and ovariectomized rats. Evidence for the existence of two distinct receptor populations. FEBS Journal, 1984, 140, 191-197.	0.2	18
40	Why two endothelins and two receptors for ovulation and luteal regulation?. Life Sciences, 2012, 91, 501-506.	4.3	18
41	Regulation of ovulatory genes in bovine granulosa cells: lessons from siRNA silencing of PTGS2. Reproduction, 2015, 149, 21-29.	2.6	17
42	Thrombospondin-1 at the crossroads of corpus luteum fate decisions. Reproduction, 2019, 157, R73-R83.	2.6	15
43	Biosynthesis and Release of Oxytocin by Granulosa Cells Derived from Preovulatory Bovine Follicles: Effects of Forskolin and Insulin-like Growth Factor-I1. Biology of Reproduction, 1992, 46, 715-720.	2.7	14
44	Altered endothelin expression in granulosa-lutein cells of women with polycystic ovary syndrome. Life Sciences, 2012, 91, 703-709.	4.3	14
45	The cAMP-EPAC Pathway Mediates PGE2-Induced FGF2 in Bovine Granulosa Cells. Endocrinology, 2018, 159, 3482-3491.	2.8	14
46	INTRACELLULAR DISTRIBUTION OF CATHEPSIN D IN RAT CORPORA LUTEA IN RELATION TO REPRODUCTIVE STATE AND THE ACTION OF PROSTAGLANDIN F2Î± AND PROLACTIN. Journal of Endocrinology, 1977, 75, 317-NP.	2.6	13
47	Characterization and Regulation of Type A Endothelin Receptor Gene Expression in Bovine Luteal Cell Types. Endocrinology, 1999, 140, 2110-2116.	2.8	13
48	Variations in the number of pituitary LHRH receptors correlated with altered responsiveness to LHRH. Life Sciences, 1982, 30, 535-541.	4.3	12
49	Interferon-Tau Exerts Direct Prosurvival and Antiapoptotic Actions in Luteinized Bovine Granulosa Cells. Scientific Reports, 2019, 9, 14682.	3.3	12
50	Growth Hormone (GH) Stimulates Insulin-Like Growth Factor-I (IGF-I) and IGF-Binding Protein (IGFBP)-2 Gene Expression in Spleens of Juvenile Rats. Hormone and Metabolic Research, 1994, 26, 363-366.	1.5	11
51	miR-210 and GPD1L regulate EDN2 in primary and immortalized human granulosa-lutein cells. Reproduction, 2018, 155, 197-205.	2.6	11
52	Role of Endothelial Cells in the Steroidogenic Activity of the Bovine Corpus Luteum. Seminars in Reproductive Medicine, 1997, 15, 371-382.	1.1	10
53	Sirtuin-1 inhibits endothelin-2 expression in human granulosa-lutein cells via hypoxia inducible factor 1 alpha and epigenetic modificationsâ€. Biology of Reproduction, 2021, 104, 387-398.	2.7	9
54	Luteolysis in Ruminants: Past Concepts, New Insights, and Persisting Challenges. , 2017, , 159-182.		8

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55	Effect of natural pre-luteolytic prostaglandin F2Î± pulses on the bovine luteal transcriptome during spontaneous luteal regressionâ€. Biology of Reproduction, 2021, 105, 1016-1029.	2.7	8
56	Characterization of insulin-like growth factor binding proteins secreted by cultured bovine theca and granulosa cells. Molecular and Cellular Endocrinology, 1992, 90, 39-46.	3.2	7
57	Role of GH and IGF-I in the regulation of IGF-I, IGF-I receptor and IGF binding protein gene expression in the rat spleen. Regulatory Peptides, 1994, 52, 215-226.	1.9	7
58	The cAMP pathway promotes sirtuin-1 expression in human granulosa-lutein cells. Reproductive Biology, 2020, 20, 273-281.	1.9	7
59	Downregulated luteolytic pathways in the transcriptome of early pregnancy bovine corpus luteum are mimicked by interferon-tau in vitro. BMC Genomics, 2021, 22, 452.	2.8	7
60	Diverse actions of sirtuin-1 on ovulatory genes and cell death pathways in human granulosa cells. Reproductive Biology and Endocrinology, 2022, 20, .	3.3	6
61	Sirtuin 1 and Sirtuin 3 in Granulosa Cell Tumors. International Journal of Molecular Sciences, 2021, 22, 2047.	4.1	5
62	Reduced Endothelin-2 and Hypoxic Signaling Pathways in Granulosa-Lutein Cells of PCOS Women. International Journal of Molecular Sciences, 2021, 22, 8216.	4.1	5
63	Interferon-Tau regulates a plethora of functions in the corpus luteum. Domestic Animal Endocrinology, 2022, 78, 106671.	1.6	5
64	Identification of a novel alternatively spliced variant endothelin converting enzyme-1 lacking a transmembrane domain. Experimental Biology and Medicine, 2006, 231, 723-8.	2.4	5
65	On the Role of Tryptophan in Luteinizing-Hormone-Releasing Hormone (Luliberin). FEBS Journal, 1977, 79, 269-273.	0.2	3
66	Corpus Luteum Formation. , 2019, , 255-267.		2
67	Pentraxin-3 mediates prosurvival actions of interferon tau in bovine luteinized granulosa cells. Reproduction, 2020, 160, 603-612.	2.6	2