Wipawee Winuthayanon

List of Publications by Year
in descending order

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39 papers	1,244 citations	516561 16 h-index	414303 32 g-index
43 all docs	43 docs citations	43 times ranked	1514 citing authors

#	Article	IF	Citations
1	Uterine epithelial estrogen receptor Î± is dispensable for proliferation but essential for complete biological and biochemical responses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19272-19277.	3.3	197
2	Oviduct: roles in fertilization and early embryo development. Journal of Endocrinology, 2017, 232, R1-R26.	1.2	175
3	What's new in estrogen receptor action in the female reproductive tract. Journal of Molecular Endocrinology, 2016, 56, R55-R71.	1.1	103
4	Oviductal estrogen receptor Î± signaling prevents protease-mediated embryo death. ELife, 2015, 4, e10453.	2.8	67
5	Diarylheptanoid Phytoestrogens Isolated from the Medicinal Plant Curcuma comosa : Biologic Actions in Vitro and in Vivo Indicate Estrogen Receptorâ€“Dependent Mechanisms. Environmental Health Perspectives, 2009, 117, 1155-1161.	2.8	60
6	Conditional knockout mice for the distal appendage protein CEP164 reveal its essential roles in airway multiciliated cell differentiation. PLoS Genetics, 2017, 13, e1007128.	1.5	57
7	Roles of steroid hormones in oviductal function. Reproduction, 2020, 159, R125-R137.	1.1	52
8	Estrogenic Activity of Diarylheptanoids from Curcuma comosa Roxb. Requires Metabolic Activation. Journal of Agricultural and Food Chemistry, 2009, 57, 840-845.	2.4	51
9	Estrogen receptor Î± is required for oviductal transport of embryos. FASEB Journal, 2017, 31, 1595-1607.	0.2	50
10	Juxtacrine Activity of Estrogen Receptor Î± in Uterine Stromal Cells is Necessary for Estrogen-Induced Epithelial Cell Proliferation. Scientific Reports, 2017, 7, 8377.	1.6	48
11	Estrogen Action in the Epithelial Cells of the Mouse Vagina Regulates Neutrophil Infiltration and Vaginal Tissue Integrity. Scientific Reports, 2018, 8, 11247.	1.6	46
12	Novel DNA Motif Binding Activity Observed In Vivo With an Estrogen Receptor Î± Mutant Mouse. Molecular Endocrinology, 2014, 28, 899-911.	3.7	42
13	Uterine Epithelial Cell Estrogen Receptor Alpha-Dependent and -Independent Genomic Profiles That Underlie Estrogen Responses in Mice1. Biology of Reproduction, 2014, 91, 110.	1.2	39
14	Extracellular Vesicles and the Oviduct Function. International Journal of Molecular Sciences, 2020, 21, 8280.	1.8	35
15	Selective Estrogen Receptor Modulator (SERM)-like Activities of Diarylheptanoid, a Phytoestrogen from Curcuma comosa, in Breast Cancer Cells, Pre-osteoblast Cells, and Rat Uterine Tissues. Journal of Agricultural and Food Chemistry, 2017, 65, 3490-3496.	2.4	25
16	Mechanism of semen liquefaction and its potential for a novel non-hormonal contraceptionâ€. Biology of Reproduction, 2020, 103, 411-426.	1.2	19
17	Prostaglandin-Endoperoxide Synthase 2 (PTGS2) in the Oviduct: Roles in Fertilization and Early Embryo Development. Endocrinology, 2021, 162, .	1.4	19
18	Role of ERÎ± in Mediating Female Uterine Transcriptional Responses to IGF1. Endocrinology, 2017, 158, 2427-2435.	1.4	17

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19	Crucial role of estrogen for the mammalian female in regulating semen coagulation and liquefaction in vivo. PLoS Genetics, 2017, 13, e1006743.	1.5	15
20	Cellâ€type specific analysis of physiological action of estrogen in mouse oviducts. FASEB Journal, 2021, 35, e21563.	0.2	14
21	Roles of steroid hormones in oviductal function. Reproduction, 2020, 159, R125-R137.	1.1	14
22	The Natural Estrogenic Compound Diarylheptanoid (D3):In VitroMechanisms of Action andin VivoUterine Responses via Estrogen ReceptorÎ±. Environmental Health Perspectives, 2013, 121, 433-439.	2.8	13
23	Serine protease inhibitor disrupts sperm motility leading to reduced fertility in female miceâ€. Biology of Reproduction, 2020, 103, 400-410.	1.2	12
24	AMPK is required for uterine receptivity and normal responses to steroid hormones. Reproduction, 2020, 159, 707-717.	1.1	12
25	Steroid Receptors in the Uterus and Ovary. , 2015, , 1099-1193.		11
26	Oviductal Retention of Embryos in Female Mice Lacking Estrogen Receptor Î± in the Isthmus and the Uterus. Endocrinology, 2020, 161, .	1.4	11
27	Negative elongation factor is essential for endometrial function. FASEB Journal, 2019, 33, 3010-3023.	0.2	8
28	Progesterone and Inflammatory Response in the Oviduct during Physiological and Pathological Conditions. Cells, 2022, 11, 1075.	1.8	8
29	Development of Phenotypic and Transcriptional Biomarkers to Evaluate Relative Activity of Potentially Estrogenic Chemicals in Ovariectomized Mice. Environmental Health Perspectives, 2015, 123, 344-352.	2.8	7
30	Peri- and Postpubertal Estrogen Exposures of Female Mice Optimize Uterine Responses Later in Life. Endocrinology, 2020, 161, .	1.4	5
31	Collection of Post-mating Semen from the Female Reproductive Tract and Measurement of Semen Liquefaction in Mice. Journal of Visualized Experiments, 2017, , .	0.2	3
32	Pollution and fertility: Potential effects for environmental xeno-oestrogens. Biochemist, 2009, 31, 22-26.	0.2	2
33	Fallopian Tube/Oviduct: Structure and Cell Biology. , 2018, , 282-290.		1
34	Embryo Transport. , 2018, , 357-363.		1
35	Blocking serine protease activity prevents Semenogelin degradation leading to Hyperviscous semen in humans. Biology of Reproduction, 2022, , .	1.2	1
36	Deletion of kallikrein 1b5 (Klk1b5) has no impact on fertility in mice. Molecular Reproduction and Development, 2019, 86, 611-613.	1.0	0

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37	Selective Ablation of ERÎ± in Uterine Epithelia Alters Uterine Estrogen Responses.. Biology of Reproduction, 2010, 83, 167-167.	1.2	0
38	Roles of Epithelial Estrogen Receptor Alpha in the Oviduct During Gamete Fertilization and Embryo Development.. Biology of Reproduction, 2011, 85, 126-126.	1.2	0
39	Selective Loss of Estrogen Receptor Alpha in Female Reproductive Tract Causes Infertility and Loss of Estrogen Induced Uterine Responses.. Biology of Reproduction, 2012, 87, 334-334.	1.2	0