

# Ying-Pu Sun

## List of Publications by Year in descending order

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79  
papers

3,121  
citations

279798

23  
h-index

175258

52  
g-index

84  
all docs

84  
docs citations

84  
times ranked

4034  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigallocatechinâ€gallate stimulates StAR expression and progesterone production in human granulosa cells through the 67â€kDa laminin receptorâ€mediated CREB signaling pathway. <i>Journal of Cellular Physiology</i> , 2022, 237, 687-695.	4.1	7
2	TGF-Î²1 inhibits human trophoblast cell invasion by upregulating kisspeptin expression through ERK1/2 but not SMAD signaling pathway. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 22.	3.3	11
3	Cover Image, Volume 237, Number 1, January 2022. <i>Journal of Cellular Physiology</i> , 2022, 237, .	4.1	0
4	Association of MMP2 and MMP9 gene polymorphisms with the recurrent spontaneous abortion: A meta-analysis. <i>Gene</i> , 2021, 767, 145173.	2.2	16
5	Association between human SHBG gene polymorphisms and risk of PCOS: a meta-analysis. <i>Reproductive BioMedicine Online</i> , 2021, 42, 227-236.	2.4	10
6	A novel monogenic preimplantation genetic testing strategy for sporadic polycystic kidney caused by <i>de novo</i> PKD1 mutation. <i>Clinical Genetics</i> , 2021, 99, 250-258.	2.0	11
7	High ovarian GDF-8 levels contribute to elevated estradiol production in ovarian hyperstimulation syndrome by stimulating aromatase expression. <i>International Journal of Biological Sciences</i> , 2021, 17, 2338-2347.	6.4	10
8	TGF-Î²1 stimulates aromatase expression and estradiol production through SMAD2 and ERK1/2 signaling pathways in human granulosaâ€lutein cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 6619-6629.	4.1	11
9	Different expression and localization of aquaporin 7 and aquaporin 9 in granulosa cells, oocytes, and embryos of patients with polycystic ovary syndrome and the negatively correlated relationship with insulin regulation. <i>Fertility and Sterility</i> , 2021, 115, 463-473.	1.0	7
10	Melatonin alleviates heat stress-induced oxidative stress and apoptosis in human spermatozoa. <i>Free Radical Biology and Medicine</i> , 2021, 164, 410-416.	2.9	42
11	Association of circulating monocyte chemoattractant proteinâ€1 levels with polycystic ovary syndrome: A meta-analysis. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13407.	1.2	10
12	Expression Level of ADAMTS1 in Granulosa Cells of PCOS Patients Is Related to Granulosa Cell Function, Oocyte Quality, and Embryo Development. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 647522.	3.7	12
13	Ambient air pollutant exposure and in vitro fertilization treatment outcomes in Zhengzhou, China. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112060.	6.0	8
14	NAD+ deficiency and mitochondrial dysfunction in granulosa cells of women with polycystic ovary syndrome. <i>Biology of Reproduction</i> , 2021, 105, 371-380.	2.7	22
15	Ovarian Hyperstimulation Syndrome Is Associated with a High Secondary Sex Ratio in Fresh IVF Cycles with Cleavage-Stage Embryo Transfer: Results for a Cohort Study. <i>Reproductive Sciences</i> , 2021, 28, 3341-3351.	2.5	2
16	Amphiregulin stimulates human chorionic gonadotropin expression by inducing ERK1/2-mediated ID3 expression in trophoblast cells. <i>Placenta</i> , 2021, 112, 73-80.	1.5	5
17	GDF-8 stimulates trophoblast cell invasion by inducing ALK5-SMAD2/3-mediated MMP2 expression. <i>Reproduction</i> , 2021, 162, 331-338.	2.6	11
18	BMP-9 downregulates StAR expression and progesterone production by activating both SMAD1/5/8 and SMAD2/3 signaling pathways in human granulosa-lutein cells obtained from gonadotropins induced ovarian cycles. <i>Cellular Signalling</i> , 2021, 86, 110089.	3.6	10

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19	EGF stimulates human trophoblast cell invasion by downregulating ID3-mediated KISS1 expression. <i>Cell Communication and Signaling</i> , 2021, 19, 101.	6.5	15
20	A meta-analysis of serum lipid profiles in premature ovarian insufficiency. <i>Reproductive BioMedicine Online</i> , 2021, . .	2.4	4
21	G protein-coupled estrogen receptor stimulates human trophoblast cell invasion via YAP-mediated ANGPTL4 expression. <i>Communications Biology</i> , 2021, 4, 1285.	4.4	19
22	Causes and Effects of Oocyte Retrieval Difficulties: A Retrospective Study of 10,624 Cycles. <i>Frontiers in Endocrinology</i> , 2021, 12, 564344.	3.5	4
23	Theaflavin 3, 3-Digallate Delays Ovarian Aging by Improving Oocyte Quality and Regulating Granulosa Cell Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	4.0	8
24	NAD <sup>+</sup> repletion attenuates obesity-induced oocyte mitochondrial dysfunction and offspring metabolic abnormalities via a SIRT3-dependent pathway. <i>Clinical and Translational Medicine</i> , 2021, 11, e628.	4.0	6
25	Factors related to early spontaneous miscarriage during IVF/ICSI treatment: an analysis of 21,485 clinical pregnancies. <i>Reproductive BioMedicine Online</i> , 2020, 40, 201-206.	2.4	34
26	Association between vascular endothelial growth factor gene polymorphisms and PCOS risk: a meta-analysis. <i>Reproductive BioMedicine Online</i> , 2020, 40, 287-295.	2.4	9
27	Melatonin stimulates VEGF expression in human granulosa-lutein cells: A potential mechanism for the pathogenesis of ovarian hyperstimulation syndrome. <i>Molecular and Cellular Endocrinology</i> , 2020, 518, 110981.	3.2	10
28	Nuclear receptor coactivator 6 promotes HTR <sup>8</sup> /SVneo cell invasion and migration by activating NF- $\kappa$ B-mediated MMP9 transcription. <i>Cell Proliferation</i> , 2020, 53, e12876.	5.3	18
29	Melatonin stimulates aromatase expression and estradiol production in human granulosa-lutein cells: relevance for high serum estradiol levels in patients with ovarian hyperstimulation syndrome. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1341-1350.	7.7	14
30	CdSe/ZnS quantum dots induced spermatogenesis dysfunction via autophagy activation. <i>Journal of Hazardous Materials</i> , 2020, 398, 122327.	12.4	26
31	Placensin is a glucogenic hormone secreted by human placenta. <i>EMBO Reports</i> , 2020, 21, e49530.	4.5	28
32	Increasing ovarian NAD <sup>+</sup> levels improve mitochondrial functions and reverse ovarian aging. <i>Free Radical Biology and Medicine</i> , 2020, 156, 1-10.	2.9	53
33	TGF- $\beta$ 1 induces VEGF expression in human granulosa-lutein cells: a potential mechanism for the pathogenesis of ovarian hyperstimulation syndrome. <i>Experimental and Molecular Medicine</i> , 2020, 52, 450-460.	7.7	34
34	Association between melatonin receptor gene polymorphisms and polycystic ovarian syndrome: a systematic review and meta-analysis. <i>Bioscience Reports</i> , 2020, 40, .	2.4	14
35	High GDF-8 in follicular fluid is associated with a low pregnancy rate in IVF patients with PCOS. <i>Reproduction</i> , 2020, 160, 11-19.	2.6	17
36	Blastocyst-stage embryos provide better frozen-thawed embryo transfer outcomes for young patients with previous fresh embryo transfer failure. <i>Aging</i> , 2020, 12, 6981-6989.	3.1	4

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37	RNA 5-Methylcytosine Facilitates the Maternal-to-Zygotic Transition by Preventing Maternal mRNA Decay. <i>Molecular Cell</i> , 2019, 75, 1188-1202.e11.	9.7	242
38	Resetting histone modifications during human parental-to-zygotic transition. <i>Science</i> , 2019, 365, 353-360.	12.6	170
39	Amphiregulin promotes trophoblast invasion and increases MMP9/TIMP1 ratio through ERK1/2 and Akt signal pathways. <i>Life Sciences</i> , 2019, 236, 116899.	4.3	19
40	Human chorionic gonadotropin-induced amphiregulin stimulates aromatase expression in human granulosa-lutein cells: a mechanism for estradiol production in the luteal phase. <i>Human Reproduction</i> , 2019, 34, 2018-2026.	0.9	21
41	Upregulation of AREG, EGFR, and HER2 contributes to increased VEGF expression in granulosa cells of patients with OHSS. <i>Biology of Reproduction</i> , 2019, 101, 426-432.	2.7	19
42	Higher melatonin in the follicle fluid and MT2 expression in the granulosa cells contribute to the OHSS occurrence. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 37.	3.3	17
43	Metformin Regulates Key MicroRNAs to Improve Endometrial Receptivity Through Increasing Implantation Marker Gene Expression in Patients with PCOS Undergoing IVF/ICSI. <i>Reproductive Sciences</i> , 2019, 26, 1439-1448.	2.5	19
44	Melatonin induces progesterone production in human granulosa-lutein cells through upregulation of StAR expression. <i>Aging</i> , 2019, 11, 9013-9024.	3.1	28
45	miR-181a-5p suppresses invasion and migration of HTR-8/SVneo cells by directly targeting IGF2BP2. <i>Cell Death and Disease</i> , 2018, 9, 16.	6.3	74
46	Highly efficient methods to obtain homogeneous dorsal neural progenitor cells from human and mouse embryonic stem cells and induced pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 67.	5.5	25
47	Abnormal synapses, recombination, and impaired double-strand break repair in a man with nonobstructive azoospermia. <i>Asian Journal of Andrology</i> , 2018, 20, 409.	1.6	1
48	Influence of endometrial thickness on treatment outcomes following in vitro fertilization/intracytoplasmic sperm injection. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 5.	3.3	39
49	5-methylcytosine promotes mRNA export – NSUN2 as the methyltransferase and ALYREF as an m5C reader. <i>Cell Research</i> , 2017, 27, 606-625.	12.0	666
50	The relationship between the CYP19 alleles rs727479A/C, rs700518A/G, and rs700519C/T and pregnancy outcome after assisted reproductive technology in patients with polycystic ovary syndrome in a Chinese population: A population-based study. <i>Kaohsiung Journal of Medical Sciences</i> , 2017, 33, 558-566.	1.9	5
51	A Balance of Yki/Sd Activator and E2F1/Sd Repressor Complexes Controls Cell Survival and Affects Organ Size. <i>Developmental Cell</i> , 2017, 43, 603-617.e5.	7.0	32
52	The role of AMH and its receptor SNP in the pathogenesis of PCOS. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 363-368.	3.2	20
53	Reduced microRNA-188 expression contributes to apoptosis of spermatogenic cells in patients with azoospermia. <i>Cell Proliferation</i> , 2017, 50, .	5.3	35
54	Body mass index effects sperm quality: a retrospective study in Northern China. <i>Asian Journal of Andrology</i> , 2017, 19, 234.	1.6	31

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55	Psychological stress is related to a decrease of serum anti-m $\mu$ llerian hormone level in infertile women. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 51.	3.3	23
56	Serum GDF-8 levels change dynamically during controlled ovarian hyperstimulation in patients undergoing IVF/ICSI-ET. <i>Scientific Reports</i> , 2016, 6, 28036.	3.3	4
57	Amphiregulin mediates hCG-induced StAR expression and progesterone production in human granulosa cells. <i>Scientific Reports</i> , 2016, 6, 24917.	3.3	32
58	hCG-induced Sprouty2 mediates amphiregulin-stimulated COX-2/PGE2 up-regulation in human granulosa cells: a potential mechanism for the OHSS. <i>Scientific Reports</i> , 2016, 6, 31675.	3.3	12
59	Analyses of optimal body mass index for infertile patients with either polycystic or non-polycystic ovary syndrome during assisted reproductive treatment in China. <i>Scientific Reports</i> , 2016, 6, 34538.	3.3	20
60	Effects of growth differentiation factor 8 on steroidogenesis in human granulosa-lutein cells. <i>Fertility and Sterility</i> , 2016, 105, 520-528.	1.0	59
61	Comparison of vitrified outcomes between human early blastocysts and expanded blastocysts. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 522-529.	1.5	2
62	Structure-based identification of CaMKII $\alpha$ -interacting MUPP1 PDZ domains and rational design of peptide ligands to target such interaction in human fertilization. <i>Amino Acids</i> , 2016, 48, 1509-1521.	2.7	9
63	Blastocoele expansion degree predicts live birth after single blastocyst transfer for fresh and vitrified/warmed single blastocyst transfer cycles. <i>Fertility and Sterility</i> , 2016, 105, 910-919.e1.	1.0	66
64	The effects of anticancer drugs TSA and GSK on spermatogenesis in male mice. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 221-9.	0.0	1
65	Cep55 regulates spindle organization and cell cycle progression in meiotic oocyte. <i>Scientific Reports</i> , 2015, 5, 16978.	3.3	37
66	Progesterone elevation on the day of human chorionic gonadotropin administration adversely affects the outcome of IVF with transferred embryos at different developmental stages. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 82.	3.3	53
67	The relationship between the changes in the level of progesterone and the outcome of in vitro fertilization-embryo transfer. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 388-397.	2.1	10
68	Growth Differentiation Factor-8 Decreases StAR Expression Through ALK5-Mediated Smad3 and ERK1/2 Signaling Pathways in Luteinized Human Granulosa Cells. <i>Endocrinology</i> , 2015, 156, 4684-4694.	2.8	28
69	Growth differentiation factor 8 down-regulates pentraxin 3 in human granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2015, 404, 82-90.	3.2	37
70	Ovary transplantation: to activate or not to activate. <i>Human Reproduction</i> , 2015, 30, 2457-2460.	0.9	40
71	Role of PAFAH1B1 in human spermatogenesis, fertilization and early embryonic development. <i>Reproductive BioMedicine Online</i> , 2015, 31, 613-624.	2.4	10
72	TGF- $\beta$ 1 Up-Regulates Connective Tissue Growth Factor Expression in Human Granulosa Cells through Smad and ERK1/2 Signaling Pathways. <i>PLoS ONE</i> , 2015, 10, e0126532.	2.5	43

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73	Clinical analysis of spontaneous pregnancy reduction in the patients with multiple pregnancies undergoing in vitro fertilization/intracytoplasmic sperm injection-embryo transfer. International Journal of Clinical and Experimental Medicine, 2015, 8, 4575-80.	1.3	10
74	Role of Wnt5a in the differentiation of human embryonic stem cells into endometrium-like cells. International Journal of Clinical and Experimental Pathology, 2015, 8, 5478-84.	0.5	7
75	Expression of CD11c+HLA-DR+dendritic cells and related cytokines in the follicular fluid might be related to pathogenesis of ovarian hyperstimulation syndrome. International Journal of Clinical and Experimental Pathology, 2015, 8, 15133-7.	0.5	4
76	Expression and Potential Roles of HLA-G in Human Spermatogenesis and Early Embryonic Development. PLoS ONE, 2014, 9, e92889.	2.5	17
77	An research on the isolation methods of frozen-thawed human ovarian preantral follicles. International Journal of Clinical and Experimental Medicine, 2014, 7, 2298-303.	1.3	5
78	Genome-wide association study identifies susceptibility loci for polycystic ovary syndrome on chromosome 2p16.3, 2p21 and 9q33.3. Nature Genetics, 2011, 43, 55-59.	21.4	604
79	Analyses of optimal body mass index for infertile patients with either polycystic or non-polycystic ovary syndrome during assisted reproductive treatment in China. , 0, .		1