

Jung-Chien Cheng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Transforming Growth Factor- β 1 Inhibits Trophoblast Cell Invasion by Inducing Snail-mediated Down-regulation of Vascular Endothelial-cadherin Protein. <i>Journal of Biological Chemistry</i> , 2013, 288, 33181-33192.	3.4	102
2	BMP15 Suppresses Progesterone Production by Down-Regulating StAR via ALK3 in Human Granulosa Cells. <i>Molecular Endocrinology</i> , 2013, 27, 2093-2104.	3.7	85
3	Activin A, B, and AB Increase Human Trophoblast Cell Invasion by Up-regulating N-Cadherin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2216-E2225.	3.6	71
4	Hydrogen Peroxide Mediates EGF-Induced Down-Regulation of E-Cadherin Expression via p38 MAPK and Snail in Human Ovarian Cancer Cells. <i>Molecular Endocrinology</i> , 2010, 24, 1569-1580.	3.7	69
5	Oocyte-derived BMP15 but not GDF9 down-regulates connexin43 expression and decreases gap junction intercellular communication activity in immortalized human granulosa cells. <i>Molecular Human Reproduction</i> , 2014, 20, 373-383.	2.8	67
6	Hypoxia-inducible factor 1 alpha mediates epidermal growth factor-induced down-regulation of E-cadherin expression and cell invasion in human ovarian cancer cells. <i>Cancer Letters</i> , 2013, 329, 197-206.	7.2	62
7	TGF- β 1 Downregulates StAR Expression and Decreases Progesterone Production Through Smad3 and ERK1/2 Signaling Pathways in Human Granulosa Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2234-E2243.	3.6	61
8	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
9	S1P Stimulates Proliferation by Upregulating CTGF Expression through S1PR2-Mediated YAP Activation. <i>Molecular Cancer Research</i> , 2018, 16, 1543-1555.	3.4	58
10	EGF-Induced EMT and Invasiveness in Serous Borderline Ovarian Tumor Cells: A Possible Step in the Transition to Low-Grade Serous Carcinoma Cells?. <i>PLoS ONE</i> , 2012, 7, e34071.	2.5	55
11	EGF-like Growth Factors Induce COX-2-Derived PGE2 Production Through ERK1/2 in Human Granulosa Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4932-4941.	3.6	54
12	TGF- β 1 Induces COX-2 Expression and PGE2 Production in Human Granulosa Cells Through Smad Signaling Pathways. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1217-E1226.	3.6	53
13	Effects of Recombinant Activins on Steroidogenesis in Human Granulosa-Lutein Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1922-E1932.	3.6	53
14	Transforming growth factor- β 1 up-regulates connexin43 expression in human granulosa cells. <i>Human Reproduction</i> , 2015, 30, 2190-2201.	0.9	52
15	Hepatocyte Nuclear Factor 4 α Is Essential for the Active Epigenetic State at Enhancers in Mouse Liver. <i>Hepatology</i> , 2019, 70, 1360-1376.	7.3	52
16	COX2 and PGE2 mediate EGF-induced E-cadherin-independent human ovarian cancer cell invasion. <i>Endocrine-Related Cancer</i> , 2014, 21, 533-543.	3.1	48
17	TGF-Beta Induces Serous Borderline Ovarian Tumor Cell Invasion by Activating EMT but Triggers Apoptosis in Low-Grade Serous Ovarian Carcinoma Cells. <i>PLoS ONE</i> , 2012, 7, e42436.	2.5	48
18	TGF- β 1 Inhibits Human Trophoblast Cell Invasion by Upregulating Connective Tissue Growth Factor Expression. <i>Endocrinology</i> , 2017, 158, 3620-3628.	2.8	46

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19	TGF- β 1 Up-Regulates Connective Tissue Growth Factor Expression in Human Granulosa Cells through Smad and ERK1/2 Signaling Pathways. PLoS ONE, 2015, 10, e0126532.	2.5	43
20	Gonadotropin-releasing hormone and ovarian cancer: a functional and mechanistic overview. FEBS Journal, 2008, 275, 5496-5511.	4.7	42
21	TGF- β 1 up-regulates connexin43 expression: A potential mechanism for human trophoblast cell differentiation. Journal of Cellular Physiology, 2015, 230, 1558-1566.	4.1	41
22	Activin A, B and AB decrease progesterone production by down-regulating StAR in human granulosa cells. Molecular and Cellular Endocrinology, 2015, 412, 290-301.	3.2	39
23	Transforming growth factor- β 1 increases lysyl oxidase expression by downregulating MIR29A in human granulosa lutein cells. Reproduction, 2016, 152, 205-213.	2.6	39
24	Growth differentiation factor 8 suppresses cell proliferation by up-regulating CTGF expression in human granulosa cells. Molecular and Cellular Endocrinology, 2016, 422, 9-17.	3.2	38
25	Growth differentiation factor 8 down-regulates pentraxin 3 in human granulosa cells. Molecular and Cellular Endocrinology, 2015, 404, 82-90.	3.2	37
26	Recombinant BMP4 and BMP7 Downregulate Pentraxin 3 in Human Granulosa Cells. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E365-E374.	3.6	36
27	Connective tissue growth factor mediates growth differentiation factor 8-induced increase of lysyl oxidase activity in human granulosa-lutein cells. Molecular and Cellular Endocrinology, 2016, 434, 186-198.	3.2	36
28	Theca-Derived BMP4 and BMP7 Down-Regulate Connexin43 Expression and Decrease Gap Junction Intercellular Communication Activity in Immortalized Human Granulosa Cells. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E437-E445.	3.6	34
29	TGF- β 1 induces VEGF expression in human granulosa-lutein cells: a potential mechanism for the pathogenesis of ovarian hyperstimulation syndrome. Experimental and Molecular Medicine, 2020, 52, 450-460.	7.7	34
30	TGF- β 1 stimulates migration of type II endometrial cancer cells by down-regulating PTEN via activation of SMAD and ERK1/2 signaling pathways. Oncotarget, 2016, 7, 61262-61272.	1.8	33
31	Type I collagen down-regulates E-cadherin expression by increasing PI3KCA in cancer cells. Cancer Letters, 2011, 304, 107-116.	7.2	32
32	TGF- β 1 inhibits human trophoblast cell invasion by upregulating cyclooxygenase-2. Placenta, 2018, 68, 44-51.	1.5	31
33	Gonadotropin-Releasing Hormone Type II Induces Apoptosis of Human Endometrial Cancer Cells by Activating GADD45. Cancer Research, 2009, 69, 4202-4208.	0.9	30
34	Effects of Oral Estrogen on Aortic ROS-Generating and -Scavenging Enzymes and Atherosclerosis in apoE-Deficient Mice. Experimental Biology and Medicine, 2009, 234, 1037-1046.	2.4	29
35	Wild-Type p53 Attenuates Cancer Cell Motility by Inducing Growth Differentiation Factor-15 Expression. Endocrinology, 2011, 152, 2987-2995.	2.8	29
36	Recombinant BMP4 and BMP7 Increase Activin A Production by Up-Regulating Inhibin β 2A Subunit and Furin Expression in Human Granulosa-Lutein Cells. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E375-E386.	3.6	29

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37	APELA promotes tumour growth and cell migration in ovarian cancer in a p53-dependent manner. <i>Gynecologic Oncology</i> , 2017, 147, 663-671.	1.4	29
38	Homeobox A7 stimulates breast cancer cell proliferation by up-regulating estrogen receptor-alpha. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 652-657.	2.1	28
39	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
40	Transforming growth factor- β 2 stimulates human ovarian cancer cell migration by up-regulating connexin43 expression via Smad2/3 signaling. <i>Cellular Signalling</i> , 2015, 27, 1956-1962.	3.6	27
41	Sphingosine-1-phosphate induces COX-2 expression and PGE2 production in human granulosa cells through a S1P1/3-mediated YAP signaling. <i>Cellular Signalling</i> , 2016, 28, 643-651.	3.6	26
42	ALK2/ALK3-BMPR2/ACVR2A Mediate BMP2-Induced Downregulation of Pentraxin 3 Expression in Human Granulosa-Lutein Cells. <i>Endocrinology</i> , 2017, 158, 3501-3511.	2.8	26
43	Overexpression of Wild-Type but Not C134W Mutant FOXL2 Enhances GnRH-Induced Cell Apoptosis by Increasing GnRH Receptor Expression in Human Granulosa Cell Tumors. <i>PLoS ONE</i> , 2013, 8, e55099.	2.5	24
44	Activin A-induced increase in LOX activity in human granulosa-lutein cells is mediated by CTGF. <i>Reproduction</i> , 2016, 152, 293-301.	2.6	24
45	Growth hormone-releasing hormone antagonist induces apoptosis of human endometrial cancer cells through PKC δ -mediated activation of p53/p21. <i>Cancer Letters</i> , 2010, 298, 16-25.	7.2	23
46	Amphiregulin induces human ovarian cancer cell invasion by down-regulating E-cadherin expression. <i>FEBS Letters</i> , 2014, 588, 3998-4007.	2.8	23
47	Nitric Oxide and cGMP Induce COX-2 Expression and PGE ₂ Production in Human Granulosa Cells Through CREB Signaling Pathway. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E262-E269.	3.6	23
48	Activin B induces human endometrial cancer cell adhesion, migration and invasion by up-regulating integrin β 3 via SMAD2/3 signaling. <i>Oncotarget</i> , 2015, 6, 31659-31673.	1.8	22
49	EGF-Induced Connexin43 Negatively Regulates Cell Proliferation in Human Ovarian Cancer. <i>Journal of Cellular Physiology</i> , 2016, 231, 111-119.	4.1	22
50	HER2 mediates epidermal growth factor-induced down-regulation of E-cadherin in human ovarian cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 81-86.	2.1	21
51	FOXL2-induced follistatin attenuates activin A-stimulated cell proliferation in human granulosa cell tumors. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 537-542.	2.1	21
52	Homeobox A7 increases cell proliferation by up-regulation of epidermal growth factor receptor expression in human granulosa cells. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 61.	3.3	20
53	Betacellulin induces Slug-mediated down-regulation of E-cadherin and cell migration in ovarian cancer cells. <i>Oncotarget</i> , 2016, 7, 28881-28890.	1.8	19
54	Lithium chloride inhibits StAR and progesterone production through GSK-3 β and ERK1/2 signaling pathways in human granulosa-lutein cells. <i>Molecular and Cellular Endocrinology</i> , 2018, 461, 89-99.	3.2	19

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55	YAP transcriptionally regulates ErbB2 to promote liver cell proliferation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 854-863.	1.9	19
56	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
57	Transforming growth factor- β induces human ovarian cancer cell invasion by down-regulating E-cadherin in a Snail-independent manner. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 128-135.	2.1	18
58	TGF β 1 induces endometrial cancer cell adhesion and migration by up-regulating integrin α v β 3 via SMAD-independent MEK-ERK1/2 signaling. <i>Cellular Signalling</i> , 2017, 34, 92-101.	3.6	18
59	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
60	Growth differentiation factor 8 induces SKOV3 ovarian cancer cell migration and E-cadherin down-regulation. <i>Cellular Signalling</i> , 2016, 28, 1615-1622.	3.6	16
61	Association of MMP2 and MMP9 gene polymorphisms with the recurrent spontaneous abortion: A meta-analysis. <i>Gene</i> , 2021, 767, 145173.	2.2	16
62	Epidermal Growth Factor Induces Human Oviductal Epithelial Cell Invasion by Down-Regulating E-Cadherin Expression. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1380-E1389.	3.6	15
63	Sprouty4 mediates amphiregulin-induced down-regulation of E-cadherin and cell invasion in human ovarian cancer cells. <i>Tumor Biology</i> , 2016, 37, 9197-9207.	1.8	15
64	TGF- β 1 up-regulates cadherin-11 expression through Snail: A potential mechanism for human trophoblast cell differentiation. <i>Cellular Signalling</i> , 2018, 43, 55-61.	3.6	15
65	Activin B promotes endometrial cancer cell migration by down-regulating E-cadherin via SMAD-independent MEK-ERK1/2-SNAIL signaling. <i>Oncotarget</i> , 2016, 7, 40060-40072.	1.8	15
66	EGF stimulates human trophoblast cell invasion by downregulating ID3-mediated KISS1 expression. <i>Cell Communication and Signaling</i> , 2021, 19, 101.	6.5	15
67	Activin A upregulates PTGS2 expression and increases PGE2 production in human granulosa-lutein cells. <i>Reproduction</i> , 2016, 152, 655-664.	2.6	14
68	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
69	SMAD1/5 mediates bone morphogenetic protein 2-induced up-regulation of BAMBI expression in human granulosa-lutein cells. <i>Cellular Signalling</i> , 2017, 37, 52-61.	3.6	14
70	EpCAM is up-regulated by EGF via ERK1/2 signaling and suppresses human epithelial ovarian cancer cell migration. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 256-261.	2.1	13
71	Lithium Chloride Increases COX-2 Expression and PGE2 Production in a Human Granulosa-Lutein SVOC Cell Line Via a GSK-3 β /I χ 2-Catenin Signaling Pathway. <i>Endocrinology</i> , 2017, 158, 2813-2825.	2.8	13
72	Activin A promotes ovarian cancer cell migration by suppressing E-cadherin expression. <i>Experimental Cell Research</i> , 2019, 382, 111471.	2.6	13

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73	Sprouty2 inhibits amphiregulin-induced down-regulation of E-cadherin and cell invasion in human ovarian cancer cells. <i>Oncotarget</i> , 2016, 7, 81645-81660.	1.8	13
74	ROS-mediated downregulation of MYPT1 in smooth muscle cells: a potential mechanism for the aberrant contractility in atherosclerosis. <i>Laboratory Investigation</i> , 2013, 93, 422-433.	3.7	12
75	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
76	Lapatinib Inhibits Amphiregulin-induced BeWo Choriocarcinoma Cell Proliferation by Reducing ERK1/2 and AKT Signaling Pathways. <i>Anticancer Research</i> , 2019, 39, 2377-2383.	1.1	11
77	TGF- β 1 stimulates aromatase expression and estradiol production through SMAD2 and ERK1/2 signaling pathways in human granulosa-lutein cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 6619-6629.	4.1	11
78	GDF-8 stimulates trophoblast cell invasion by inducing ALK5-SMAD2/3-mediated MMP2 expression. <i>Reproduction</i> , 2021, 162, 331-338.	2.6	11
79	TGF- β 1 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
80	Betacellulin enhances ovarian cancer cell migration by up-regulating Connexin43 via MEK-ERK signaling. <i>Cellular Signalling</i> , 2020, 65, 109439.	3.6	10
81	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
82	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
83	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
84	Association of circulating monocyte chemoattractant protein-1 levels with polycystic ovary syndrome: A meta-analysis. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13407.	1.2	10
85	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
86	Loss of Sprouty2 in human high-grade serous ovarian carcinomas promotes EGF-induced E-cadherin down-regulation and cell invasion. <i>FEBS Letters</i> , 2015, 589, 302-309.	2.8	9
87	Connective tissue growth factor mediates TGF- β 1-induced low-grade serous ovarian tumor cell apoptosis. <i>Oncotarget</i> , 2017, 8, 85224-85233.	1.8	9
88	Growth differentiation factor-11 downregulates steroidogenic acute regulatory protein expression through ALK5-mediated SMAD3 signaling pathway in human granulosa-lutein cells. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 34.	3.3	8
89	GDF-11 promotes human trophoblast cell invasion by increasing ID2-mediated MMP2 expression. <i>Cell Communication and Signaling</i> , 2022, 20, .	6.5	8
90	Epigallocatechin-3-gallate stimulates StAR expression and progesterone production in human granulosa cells through the α 5 β 1 laminin receptor-mediated CREB signaling pathway. <i>Journal of Cellular Physiology</i> , 2022, 237, 687-695.	4.1	7

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91	Novel dihydroartemisinin dimer containing nitrogen atoms inhibits growth of endometrial cancer cells and may correlate with increasing intracellular peroxynitrite. <i>Scientific Reports</i> , 2019, 9, 15528.	3.3	5
92	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
93	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
94	A meta-analysis of serum lipid profiles in premature ovarian insufficiency. <i>Reproductive BioMedicine Online</i> , 2021, , .	2.4	4
95	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
96	Activin A, B and AB increase human trophoblast cell invasion by up-regulating N-cadherin. <i>Placenta</i> , 2013, 34, A49.	1.5	0
97	Overexpression of Wild-type FOXL2 but Not C134W Mutant FOXL2 Enhances GnRH-induced Cell Apoptosis by Increasing GnRH Receptor Expression in Human Granulosa Tumor Cells.. <i>Biology of Reproduction</i> , 2011, 85, 391-391.	2.7	0
98	Cover Image, Volume 237, Number 1, January 2022. <i>Journal of Cellular Physiology</i> , 2022, 237, .	4.1	0