Jung-Chien Cheng

List of Publications by Year
in descending order

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98 papers	2,633 citations	172457 29 h-index	254184 43 g-index
98 all docs	98 docs citations	98 times ranked	3223 citing authors

#	Article	IF	Citations
1	Epigallocatechinâ€3â€gallate stimulates StAR expression and progesterone production in human granulosa cells through the 67â€kDa laminin receptorâ€mediated CREB signaling pathway. Journal of Cellular Physiology, 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. Reproductive Biology and Endocrinology, 2022, 20, 22.	3.3	11
3	Growth differentiation factor-11 downregulates steroidogenic acute regulatory protein expression through ALK5-mediated SMAD3 signaling pathway in human granulosa-lutein cells. Reproductive Biology and Endocrinology, 2022, 20, 34.	3.3	8
4	Cover Image, Volume 237, Number 1, January 2022. Journal of Cellular Physiology, 2022, 237, .	4.1	0
5	GDF-11 promotes human trophoblast cell invasion by increasing ID2-mediated MMP2 expression. Cell Communication and Signaling, 2022, 20, .	6.5	8
6	Association of MMP2 and MMP9 gene polymorphisms with the recurrent spontaneous abortion: A meta-analysis. Gene, 2021, 767, 145173.	2.2	16
7	Association between human SHBG gene polymorphisms and risk of PCOS: a meta-analysis. Reproductive BioMedicine Online, 2021, 42, 227-236.	2.4	10
8	High ovarian GDF-8 levels contribute to elevated estradiol production in ovarian hyperstimulation syndrome by stimulating aromatase expression. International Journal of Biological Sciences, 2021, 17, 2338-2347.	6.4	10
9	TGFâ€Î²1 stimulates aromatase expression and estradiol production through SMAD2 and ERK1/2 signaling pathways in human granulosaâ€lutein cells. Journal of Cellular Physiology, 2021, 236, 6619-6629.	4.1	11
10	Association of circulating monocyte chemoattractant proteinâ€1 levels with polycystic ovary syndrome: A metaâ€analysis. American Journal of Reproductive Immunology, 2021, 86, e13407.	1.2	10
11	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. Reproductive Sciences, 2021, 28, 3341-3351.	2.5	2
12	Amphiregulin stimulates human chorionic gonadotropin expression by inducing ERK1/2-mediated ID3 expression in trophoblast cells. Placenta, 2021, 112, 73-80.	1.5	5
13	GDF-8 stimulates trophoblast cell invasion by inducing ALK5-SMAD2/3-mediated MMP2 expression. Reproduction, 2021, 162, 331-338.	2.6	11
14	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. Cellular Signalling, 2021, 86, 110089.	3.6	10
15	EGF stimulates human trophoblast cell invasion by downregulating ID3-mediated KISS1 expression. Cell Communication and Signaling, 2021, 19, 101.	6.5	15
16	A meta-analysis of serum lipid profiles in premature ovarian insufficiency. Reproductive BioMedicine Online, 2021, , .	2.4	4
17	G protein-coupled estrogen receptor stimulates human trophoblast cell invasion via YAP-mediated ANGPTL4 expression. Communications Biology, 2021, 4, 1285.	4.4	19
18	Betacellulin enhances ovarian cancer cell migration by up-regulating Connexin43 via MEK-ERK signaling. Cellular Signalling, 2020, 65, 109439.	3.6	10

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19	Melatonin stimulates VEGF expression in human granulosa-lutein cells: A potential mechanism for the pathogenesis of ovarian hyperstimulation syndrome. Molecular and Cellular Endocrinology, 2020, 518, 110981.	3.2	10
20	Melatonin stimulates aromatase expression and estradiol production in human granulosa-lutein cells: relevance for high serum estradiol levels in patients with ovarian hyperstimulation syndrome. Experimental and Molecular Medicine, 2020, 52, 1341-1350.	7.7	14
21	TGF-Î²1 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
22	High GDF-8 in follicular fluid is associated with a low pregnancy rate in IVF patients with PCOS. Reproduction, 2020, 160, 11-19.	2.6	17
23	Blastocyst-stage embryos provide better frozen-thawed embryo transfer outcomes for young patients with previous fresh embryo transfer failure. Aging, 2020, 12, 6981-6989.	3.1	4
24	Novel dihydroartemisinin dimer containing nitrogen atoms inhibits growth of endometrial cancer cells and may correlate with increasing intracellular peroxynitrite. Scientific Reports, 2019, 9, 15528.	3.3	5
25	Activin A promotes ovarian cancer cell migration by suppressing E-cadherin expression. Experimental Cell Research, 2019, 382, 111471.	2.6	13
26	Lapatinib Inhibits Amphiregulin-induced BeWo Choriocarcinoma Cell Proliferation by Reducing ERK1/2 and AKT Signaling Pathways. Anticancer Research, 2019, 39, 2377-2383.	1.1	11
27	Hepatocyte Nuclear Factor 4â€Alpha Is Essential for the Active Epigenetic State at Enhancers in Mouse Liver. Hepatology, 2019, 70, 1360-1376.	7.3	52
28	TGF-Î²1 up-regulates cadherin-11 expression through Snail: A potential mechanism for human trophoblast cell differentiation. Cellular Signalling, 2018, 43, 55-61.	3.6	15
29	Lithium chloride inhibits StAR and progesterone production through GSK-3Î² and ERK1/2 signaling pathways in human granulosa-lutein cells. Molecular and Cellular Endocrinology, 2018, 461, 89-99.	3.2	19
30	TGF-Î²1 inhibits human trophoblast cell invasion by upregulating cyclooxygenase-2. Placenta, 2018, 68, 44-51.	1.5	31
31	YAP transcriptionally regulates ErbB2 to promote liver cell proliferation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2018, 1861, 854-863.	1.9	19
32	S1P Stimulates Proliferation by Upregulating CTGF Expression through S1PR2-Mediated YAP Activation. Molecular Cancer Research, 2018, 16, 1543-1555.	3.4	58
33	TGFÎ²1 induces endometrial cancer cell adhesion and migration by up-regulating integrin Î±vÎ²3 via SMAD-independent MEK-ERK1/2 signaling. Cellular Signalling, 2017, 34, 92-101.	3.6	18
34	APELA promotes tumour growth and cell migration in ovarian cancer in a p53-dependent manner. Gynecologic Oncology, 2017, 147, 663-671.	1.4	29
35	Lithium Chloride Increases COX-2 Expression and PGE2 Production in a Human Granulosa-Lutein SVOG Cell Line Via a GSK-3Î²/Î²-Catenin Signaling Pathway. Endocrinology, 2017, 158, 2813-2825.	2.8	13
36	ALK2/ALK3-BMPR2/ACVR2A Mediate BMP2-Induced Downregulation of Pentraxin 3 Expression in Human Granulosa-Lutein Cells. Endocrinology, 2017, 158, 3501-3511.	2.8	26

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37	TGF-Î²1 Inhibits Human Trophoblast Cell Invasion by Upregulating Connective Tissue Growth Factor Expression. Endocrinology, 2017, 158, 3620-3628.	2.8	46
38	SMAD1/5 mediates bone morphogenetic protein 2-induced up-regulation of BAMBI expression in human granulosa-lutein cells. Cellular Signalling, 2017, 37, 52-61.	3.6	14
39	Connective tissue growth factor mediates TGF-Î²1-induced low-grade serous ovarian tumor cell apoptosis. Oncotarget, 2017, 8, 85224-85233.	1.8	9
40	Betacellulin induces Slug-mediated down-regulation of E-cadherin and cell migration in ovarian cancer cells. Oncotarget, 2016, 7, 28881-28890.	1.8	19
41	Sprouty4 mediates amphiregulin-induced down-regulation of E-cadherin and cell invasion in human ovarian cancer cells. Tumor Biology, 2016, 37, 9197-9207.	1.8	15
42	Activin A-induced increase in LOX activity in human granulosaâ€“lutein cells is mediated by CTGF. Reproduction, 2016, 152, 293-301.	2.6	24
43	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
44	Growth differentiation factor 8 induces SKOV3 ovarian cancer cell migration and E-cadherin down-regulation. Cellular Signalling, 2016, 28, 1615-1622.	3.6	16
45	EGFâ€Induced Connexin43 Negatively Regulates Cell Proliferation in Human Ovarian Cancer. Journal of Cellular Physiology, 2016, 231, 111-119.	4.1	22
46	Activin A upregulates PTGS2 expression and increases PGE2 production in human granulosa-lutein cells. Reproduction, 2016, 152, 655-664.	2.6	14
47	hCG-induced Sprouty2 mediates amphiregulin-stimulated COX-2/PGE2 up-regulation in human granulosa cells: a potential mechanism for the OHSS. Scientific Reports, 2016, 6, 31675.	3.3	12
48	Transforming growth factor-Î²1 increases lysyl oxidase expression by downregulating MIR29A in human granulosa lutein cells. Reproduction, 2016, 152, 205-213.	2.6	39
49	Sphingosine-1-phosphate induces COX-2 expression and PGE2 production in human granulosa cells through a S1P1/3-mediated YAP signaling. Cellular Signalling, 2016, 28, 643-651.	3.6	26
50	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
51	Effects of growth differentiation factor 8 on steroidogenesis in human granulosa-lutein cells. Fertility and Sterility, 2016, 105, 520-528.	1.0	59
52	TGF-Î²1 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
53	Sprouty2 inhibits amphiregulin-induced down-regulation of E-cadherin and cell invasion in human ovarian cancer cells. Oncotarget, 2016, 7, 81645-81660.	1.8	13
54	Activin B promotes endometrial cancer cell migration by down-regulating E-cadherin via SMAD-independent MEK-ERK1/2-SNAIL signaling. Oncotarget, 2016, 7, 40060-40072.	1.8	15

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55	Activin B induces human endometrial cancer cell adhesion, migration and invasion by up-regulating integrin Î²3 via SMAD2/3 signaling. Oncotarget, 2015, 6, 31659-31673.	1.8	22
56	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
57	Growth Differentiation Factor-8 Decreases StAR Expression Through ALK5-Mediated Smad3 and ERK1/2 Signaling Pathways in Luteinized Human Granulosa Cells. Endocrinology, 2015, 156, 4684-4694.	2.8	28
58	Growth differentiation factor 8 down-regulates pentraxin 3 in human granulosa cells. Molecular and Cellular Endocrinology, 2015, 404, 82-90.	3.2	37
59	Nitric Oxide and cGMP Induce COX-2 Expression and PGE₂Production in Human Granulosa Cells Through CREB Signaling Pathway. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E262-E269.	3.6	23
60	Loss of Sprouty2 in human highâ€grade serous ovarian carcinomas promotes EGFâ€induced Eâ€cadherin downâ€regulation and cell invasion. FEBS Letters, 2015, 589, 302-309.	2.8	9
61	EpCAM is up-regulated by EGF via ERK1/2 signaling and suppresses human epithelial ovarian cancer cell migration. Biochemical and Biophysical Research Communications, 2015, 457, 256-261.	2.1	13
62	Transforming growth factor-Î² stimulates human ovarian cancer cell migration by up-regulating connexin43 expression via Smad2/3 signaling. Cellular Signalling, 2015, 27, 1956-1962.	3.6	27
63	Transforming growth factor-Î²1 up-regulates connexin43 expression in human granulosa cells. Human Reproduction, 2015, 30, 2190-2201.	0.9	52
64	TGF-Î²1 up-regulates connexin43 expression: A potential mechanism for human trophoblast cell differentiation. Journal of Cellular Physiology, 2015, 230, 1558-1566.	4.1	41
65	Transforming growth factor-Î± induces human ovarian cancer cell invasion by down-regulating E-cadherin in a Snail-independent manner. Biochemical and Biophysical Research Communications, 2015, 461, 128-135.	2.1	18
66	Recombinant BMP4 and BMP7 Increase Activin A Production by Up-Regulating Inhibin Î²A Subunit and Furin Expression in Human Granulosa-Lutein Cells. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E375-E386.	3.6	29
67	Recombinant BMP4 and BMP7 Downregulate Pentraxin 3 in Human Granulosa Cells. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E365-E374.	3.6	36
68	TGF-Î²1 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
69	TGF-Î²1 Induces COX-2 Expression and PGE2 Production in Human Granulosa Cells Through Smad Signaling Pathways. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1217-E1226.	3.6	53
70	Activin A, B, and AB Increase Human Trophoblast Cell Invasion by Up-regulating N-Cadherin. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2216-E2225.	3.6	71
71	Effects of Recombinant Activins on Steroidogenesis in Human Granulosa-Lutein Cells. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1922-E1932.	3.6	53
72	TGF-Î²1 Downregulates StAR Expression and Decreases Progesterone Production Through Smad3 and ERK1/2 Signaling Pathways in Human Granulosa Cells. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2234-E2243.	3.6	61

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73	Oocyte-derived BMP15 but not GDF9 down-regulates connexin43 expression and decreases gap junction intercellular communication activity in immortalized human granulosa cells. Molecular Human Reproduction, 2014, 20, 373-383.	2.8	67
74	Amphiregulin induces human ovarian cancer cell invasion by downâ€regulating Eâ€cadherin expression. FEBS Letters, 2014, 588, 3998-4007.	2.8	23
75	COX2 and PGE2 mediate EGF-induced E-cadherin-independent human ovarian cancer cell invasion. Endocrine-Related Cancer, 2014, 21, 533-543.	3.1	48
76	FOXL2-induced follistatin attenuates activin A-stimulated cell proliferation in human granulosa cell tumors. Biochemical and Biophysical Research Communications, 2014, 443, 537-542.	2.1	21
77	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
78	Homeobox A7 stimulates breast cancer cell proliferation by up-regulating estrogen receptor-alpha. Biochemical and Biophysical Research Communications, 2013, 440, 652-657.	2.1	28
79	Hypoxia-inducible factor 1 alpha mediates epidermal growth factor-induced down-regulation of E-cadherin expression and cell invasion in human ovarian cancer cells. Cancer Letters, 2013, 329, 197-206.	7.2	62
80	HER2 mediates epidermal growth factor-induced down-regulation of E-cadherin in human ovarian cancer cells. Biochemical and Biophysical Research Communications, 2013, 434, 81-86.	2.1	21
81	Transforming Growth Factor-Î²1 Inhibits Trophoblast Cell Invasion by Inducing Snail-mediated Down-regulation of Vascular Endothelial-cadherin Protein. Journal of Biological Chemistry, 2013, 288, 33181-33192.	3.4	102
82	EGF-like Growth Factors Induce COX-2â€“Derived PGE2 Production Through ERK1/2 in Human Granulosa Cells. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4932-4941.	3.6	54
83	Activin A, B and AB increase human trophoblast cell invasion by up-regulating N-cadherin. Placenta, 2013, 34, A49.	1.5	0
84	ROS-mediated downregulation of MYPT1 in smooth muscle cells: a potential mechanism for the aberrant contractility in atherosclerosis. Laboratory Investigation, 2013, 93, 422-433.	3.7	12
85	Overexpression of Wild-Type but Not C134W Mutant FOXL2 Enhances GnRH-Induced Cell Apoptosis by Increasing GnRH Receptor Expression in Human Granulosa Cell Tumors. PLoS ONE, 2013, 8, e55099.	2.5	24
86	BMP15 Suppresses Progesterone Production by Down-Regulating StAR via ALK3 in Human Granulosa Cells. Molecular Endocrinology, 2013, 27, 2093-2104.	3.7	85
87	EGF-Induced EMT and Invasiveness in Serous Borderline Ovarian Tumor Cells: A Possible Step in the Transition to Low-Grade Serous Carcinoma Cells?. PLoS ONE, 2012, 7, e34071.	2.5	55
88	Epidermal Growth Factor Induces Human Oviductal Epithelial Cell Invasion by Down-Regulating E-Cadherin Expression. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1380-E1389.	3.6	15
89	TGF-Beta Induces Serous Borderline Ovarian Tumor Cell Invasion by Activating EMT but Triggers Apoptosis in Low-Grade Serous Ovarian Carcinoma Cells. PLoS ONE, 2012, 7, e42436.	2.5	48
90	Type I collagen down-regulates E-cadherin expression by increasing PI3KCA in cancer cells. Cancer Letters, 2011, 304, 107-116.	7.2	32

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91	Wild-Type p53 Attenuates Cancer Cell Motility by Inducing Growth Differentiation Factor-15 Expression. Endocrinology, 2011, 152, 2987-2995.	2.8	29
92	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.. Biology of Reproduction, 2011, 85, 391-391.	2.7	0
93	Homeobox A7 increases cell proliferation by up-regulation of epidermal growth factor receptor expression in human granulosa cells. Reproductive Biology and Endocrinology, 2010, 8, 61.	3.3	20
94	Hydrogen Peroxide Mediates EGF-Induced Down-Regulation of E-Cadherin Expression via p38 MAPK and Snail in Human Ovarian Cancer Cells. Molecular Endocrinology, 2010, 24, 1569-1580.	3.7	69
95	Growth hormone-releasing hormone antagonist induces apoptosis of human endometrial cancer cells through PKCÎ´-mediated activation of p53/p21. Cancer Letters, 2010, 298, 16-25.	7.2	23
96	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
97	Gonadotropin-Releasing Hormone Type II Induces Apoptosis of Human Endometrial Cancer Cells by Activating GADD45Î±. Cancer Research, 2009, 69, 4202-4208.	0.9	30
98	Gonadotropinâ€releasing hormone and ovarian cancer: a functional and mechanistic overview. FEBS Journal, 2008, 275, 5496-5511.	4.7	42