

# Benjamin K Tsang

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,678  
citations

279487

23  
h-index

315357

38  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2785  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial fission causes cisplatin resistance under hypoxic conditions via ROS in ovarian cancer cells. <i>Oncogene</i> , 2019, 38, 7089-7105.	2.6	116
2	Curcumin induces apoptosis by inhibiting sarco/endoplasmic reticulum Ca <sup>2+</sup> ATPase activity in ovarian cancer cells. <i>Cancer Letters</i> , 2016, 371, 30-37.	3.2	107
3	Granulosa Cell Apoptosis Induced at the Penultimate Stage of Follicular Development is Associated with Increased Levels of Fas and Fas Ligand in the Rat Ovary <sup>1</sup> . <i>Biology of Reproduction</i> , 1998, 58, 1170-1176.	1.2	101
4	The exosome-mediated autocrine and paracrine actions of plasma gelsolin in ovarian cancer chemoresistance. <i>Oncogene</i> , 2020, 39, 1600-1616.	2.6	85
5	Hexokinase 2 Regulates Ovarian Cancer Cell Migration, Invasion and Stemness via FAK/ERK1/2/MMP9/NANOG/SOX9 Signaling Cascades. <i>Cancers</i> , 2019, 11, 813.	1.7	83
6	p53 Is Required for Cisplatin-induced Processing of the Mitochondrial Fusion Protein L-Opa1 That Is Mediated by the Mitochondrial Metallopeptidase Oma1 in Gynecologic Cancers. <i>Journal of Biological Chemistry</i> , 2014, 289, 27134-27145.	1.6	78
7	Polycystic ovary syndrome: possible involvement of androgen-induced, chemerin-mediated ovarian recruitment of monocytes/macrophages. <i>Biology of Reproduction</i> , 2018, 99, 838-852.	1.2	71
8	Mitochondrial dynamics regulating chemoresistance in gynecological cancers. <i>Annals of the New York Academy of Sciences</i> , 2015, 1350, 1-16.	1.8	66
9	Induction of Apoptosis in Equine Chorionic Gonadotropin (eCG)-Primed Rat Ovaries by Anti-eCG Antibody <sup>1</sup> . <i>Biology of Reproduction</i> , 1997, 57, 420-427.	1.2	54
10	Cell fate regulation by gelsolin in human gynecologic cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14442-14447.	3.3	52
11	Polycystic ovarian syndrome is accompanied by repression of gene signatures associated with biosynthesis and metabolism of steroids, cholesterol and lipids. <i>Journal of Ovarian Research</i> , 2015, 8, 24.	1.3	46
12	p53 sensitizes chemoresistant non-small cell lung cancer via elevation of reactive oxygen species and suppression of EGFR/PI3K/AKT signaling. <i>Cancer Cell International</i> , 2019, 19, 188.	1.8	45
13	Tumor metabolism regulating chemosensitivity in ovarian cancer. <i>Genes and Cancer</i> , 2018, 9, 155-175.	0.6	43
14	Regulation of androgen receptor signaling by ubiquitination during folliculogenesis and its possible dysregulation in polycystic ovarian syndrome. <i>Scientific Reports</i> , 2017, 7, 10272.	1.6	42
15	Saikosaponin-d, a calcium mobilizing agent, sensitizes chemoresistant ovarian cancer cells to cisplatin-induced apoptosis by facilitating mitochondrial fission and G2/M arrest. <i>Oncotarget</i> , 2017, 8, 99825-99840.	0.8	41
16	Adipose Stromal Cells from Visceral and Subcutaneous Fat Facilitate Migration of Ovarian Cancer Cells via IL-6/JAK2/STAT3 Pathway. <i>Cancer Research and Treatment</i> , 2017, 49, 338-349.	1.3	40
17	p53 Promotes chemoresponsiveness by regulating hexokinase II gene transcription and metabolic reprogramming in epithelial ovarian cancer. <i>Molecular Carcinogenesis</i> , 2019, 58, 2161-2174.	1.3	34
18	Ovarian mitochondrial dynamics and cell fate regulation in an androgen-induced rat model of polycystic ovarian syndrome. <i>Scientific Reports</i> , 2020, 10, 1021.	1.6	30

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19	Gelsolin regulates cisplatin sensitivity in human head-and-neck cancer. <i>International Journal of Cancer</i> , 2014, 135, 2760-2769.	2.3	28
20	Plasma Gelsolin Inhibits CD8+ T-cell Function and Regulates Glutathione Production to Confer Chemoresistance in Ovarian Cancer. <i>Cancer Research</i> , 2020, 80, 3959-3971.	0.4	28
21	Expression of Inhibitor of Apoptosis Proteins (IAPs) in Rat Granulosa Cells during Ovarian Follicular Development and Atresia. , 0, .		28
22	Akt confers cisplatin chemoresistance in human gynecological carcinoma cells by modulating PPM1D stability. <i>Molecular Carcinogenesis</i> , 2015, 54, 1301-1314.	1.3	27
23	CMKLR1 deficiency maintains ovarian steroid production in mice treated chronically with dihydrotestosterone. <i>Scientific Reports</i> , 2016, 6, 21328.	1.6	27
24	Ring Finger Protein 6 Mediates Androgen-Induced Granulosa Cell Proliferation and Follicle Growth via Modulation of Androgen Receptor Signaling. <i>Endocrinology</i> , 2017, 158, 993-1004.	1.4	27
25	Phytochemicals: A Multitargeted Approach to Gynecologic Cancer Therapy. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	23
26	Prognostic impact of Dynamin related protein 1 (Drp1) in epithelial ovarian cancer. <i>BMC Cancer</i> , 2020, 20, 467.	1.1	20
27	Nuclear Factor- $\kappa$ B-Mediated X-Linked Inhibitor of Apoptosis Protein Expression Prevents Rat Granulosa Cells from Tumor Necrosis Factor $\alpha$ -Induced Apoptosis. , 0, .		20
28	Prostaglandins Mediate the Stimulation of Deoxyribonucleic Acid Synthesis by Transforming Growth Factor $\beta$ in Hen Granulosa Cells during Ovarian Follicular Development <sup>1</sup> . <i>Biology of Reproduction</i> , 1995, 52, 1050-1058.	1.2	19
29	Mothers Against Decapentaplegic-Related Protein 2 Expression in Avian Granulosa Cells Is Up-Regulated by Transforming Growth Factor $\beta$ <sup>2</sup> during Ovarian Follicular Development*. <i>Endocrinology</i> , 1997, 138, 3659-3665.	1.4	18
30	Microtubules and the Calcium-Dependent Regulation of Rat Granulosa Cell Steroidogenesis <sup>1</sup> . <i>Biology of Reproduction</i> , 1987, 36, 1007-1015.	1.2	17
31	PRIMA-1 increases cisplatin sensitivity in chemoresistant ovarian cancer cells with p53 mutation: a requirement for Akt down-regulation. <i>Journal of Ovarian Research</i> , 2013, 6, 7.	1.3	17
32	Induction of Fas-Mediated Apoptosis by Interferon- $\beta$ is Dependent on Granulosa Cell Differentiation and Follicular Maturation in the Rat Ovary. <i>Development &amp; Reproduction</i> , 2016, 20, 315-329.	0.1	17
33	Non-classical estrogen signaling in ovarian cancer improves chemo-sensitivity and patients outcome. <i>Theranostics</i> , 2019, 9, 3952-3965.	4.6	16
34	Pre-operative Circulating Plasma Gelsolin Predicts Residual Disease and Detects Early Stage Ovarian Cancer. <i>Scientific Reports</i> , 2019, 9, 13924.	1.6	16
35	Ionic currents in avian granulosa cells. <i>FEBS Letters</i> , 1988, 241, 169-172.	1.3	14
36	Inhibition of AKT sensitizes chemoresistant ovarian cancer cells to cisplatin by abrogating S and G2/M arrest. <i>Experimental and Molecular Pathology</i> , 2016, 100, 506-513.	0.9	14

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37	Neuropeptide Y regulates proliferation and apoptosis in granulosa cells in a follicular stage-dependent manner. <i>Journal of Ovarian Research</i> , 2020, 13, 5.	1.3	14
38	Protective effect of dienogest on chemotherapy-induced reduced fertility in female rats. <i>Steroids</i> , 2015, 93, 1-7.	0.8	13
39	Involvement of Inhibitory Nuclear Factor- $\kappa$ B (NF $\kappa$ B)-Independent NF $\kappa$ B Activation in the Gonadotropic Regulation of X-Linked Inhibitor of Apoptosis Expression during Ovarian Follicular Development in Vitro. , 0, .		13
40	Mothers Against Decapentaplegic-Related Protein 2 Expression in Avian Granulosa Cells Is Up-Regulated by Transforming Growth Factor $\beta$ 2 during Ovarian Follicular Development. , 0, .		12
41	Surface-enhanced Raman scattering for the detection of polycystic ovary syndrome. <i>Biomedical Optics Express</i> , 2018, 9, 801.	1.5	11
42	Plasma Gelsolin Confers Chemoresistance in Ovarian Cancer by Resetting the Relative Abundance and Function of Macrophage Subtypes. <i>Cancers</i> , 2022, 14, 1039.	1.7	11
43	Ovarian Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-2.	0.9	10
44	Circulating Plasma Gelsolin: A Predictor of Favorable Clinical Outcomes in Head and Neck Cancer and Sensitive Biomarker for Early Disease Diagnosis Combined with Soluble Fas Ligand. <i>Cancers</i> , 2020, 12, 1569.	1.7	10
45	The elusive MAESTRO gene: Its human reproductive tissue-specific expression pattern. <i>PLoS ONE</i> , 2017, 12, e0174873.	1.1	6
46	The retinoic acid derivative, ABPN, inhibits pancreatic cancer through induction of Nrdp1. <i>Carcinogenesis</i> , 2015, 36, bgv148.	1.3	5
47	Chemerin isoform analysis in human biofluids using an LC/MRM-MS-based targeted proteomics approach with stable isotope-labeled standard. <i>Analytica Chimica Acta</i> , 2020, 1139, 79-87.	2.6	5
48	Comorbidities and inflammation associated with ovarian cancer and its influence on SARS-CoV-2 infection. <i>Journal of Ovarian Research</i> , 2021, 14, 39.	1.3	5
49	Malformin-A1 (MA1) Sensitizes Chemoresistant Ovarian Cancer Cells to Cisplatin-Induced Apoptosis. <i>Molecules</i> , 2021, 26, 3624.	1.7	5
50	Nuclear HKII $\alpha$ -P-p53 (Ser15) Interaction is a Prognostic Biomarker for Chemoresponsiveness and Glycolytic Regulation in Epithelial Ovarian Cancer. <i>Cancers</i> , 2021, 13, 3399.	1.7	5
51	Challenges and opportunities for ovarian cancer management in the epidemic of Covid-19: lessons learned from Wuhan, China. <i>Journal of Ovarian Research</i> , 2021, 14, 35.	1.3	4
52	Non-Isotopic Technique for the Identification of Endonucleases Involved in Apoptosis. <i>BioTechniques</i> , 1997, 22, 648-649.	0.8	3
53	Morphologic and transcriptomic assessment of bovine embryos exposed to dietary long-chain fatty acids. <i>Reproduction</i> , 2016, 152, 715-726.	1.1	3
54	Fallopian Tube-Derived Tumor Cells Induce Testosterone Secretion from the Ovary, Increasing Epithelial Proliferation and Invasion. <i>Cancers</i> , 2021, 13, 1925.	1.7	3

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55	Possible Involvement of Chemerin, a Novel Regulator in Follicular Growth and Steroidogenesis, in the Pathogenesis of Polycystic Ovarian Syndrome (PCOS).. <i>Biology of Reproduction</i> , 2012, 87, 502-502.	1.2	0