

Ruby Yun-Ju Huang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

13,408
citations

33
h-index

95
g-index

95
ext. papers

15,919
ext. citations

8.2
avg, IF

6.78
L-index

#	Paper	IF	Citations
80	Epithelial-mesenchymal transitions in development and disease. <i>Cell</i> , 2009 , 139, 871-90	56.2	7255
79	EMT: 2016. <i>Cell</i> , 2016 , 166, 21-45	56.2	2443
78	Epithelial-mesenchymal transition spectrum quantification and its efficacy in deciphering survival and drug responses of cancer patients. <i>EMBO Molecular Medicine</i> , 2014 , 6, 1279-93	12	399
77	Dual role of autophagy in hallmarks of cancer. <i>Oncogene</i> , 2018 , 37, 1142-1158	9.2	288
76	An EMT spectrum defines an anoikis-resistant and spheroidogenic intermediate mesenchymal state that is sensitive to e-cadherin restoration by a src-kinase inhibitor, saracatinib (AZD0530). <i>Cell Death and Disease</i> , 2013 , 4, e915	9.8	269
75	Early events in cell adhesion and polarity during epithelial-mesenchymal transition. <i>Journal of Cell Science</i> , 2012 , 125, 4417-22	5.3	222
74	Functional genomics identifies five distinct molecular subtypes with clinical relevance and pathways for growth control in epithelial ovarian cancer. <i>EMBO Molecular Medicine</i> , 2013 , 5, 1051-66	12	178
73	Lgr5 marks stem/progenitor cells in ovary and tubal epithelia. <i>Nature Cell Biology</i> , 2014 , 16, 745-57	23.4	153
72	Screening therapeutic EMT blocking agents in a three-dimensional microenvironment. <i>Integrative Biology (United Kingdom)</i> , 2013 , 5, 381-9	3.7	123
71	Warburg metabolism in tumor-conditioned macrophages promotes metastasis in human pancreatic ductal adenocarcinoma. <i>Oncotmunology</i> , 2016 , 5, e1191731	7.2	122
70	Molecular Subtypes of Urothelial Bladder Cancer: Results from a Meta-cohort Analysis of 2411 Tumors. <i>European Urology</i> , 2019 , 75, 423-432	10.2	120
69	Thymoquinone Inhibits Bone Metastasis of Breast Cancer Cells Through Abrogation of the CXCR4 Signaling Axis. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1294	5.6	90
68	GRHL2-miR-200-ZEB1 maintains the epithelial status of ovarian cancer through transcriptional regulation and histone modification. <i>Scientific Reports</i> , 2016 , 6, 19943	4.9	88
67	AXL-Driven EMT State as a Targetable Conduit in Cancer. <i>Cancer Research</i> , 2017 , 77, 3725-3732	10.1	85
66	Pure-type clear cell carcinoma of the ovary as a distinct histological type and improved survival in patients treated with paclitaxel-platinum-based chemotherapy in pure-type advanced disease. <i>Gynecologic Oncology</i> , 2004 , 94, 197-203	4.9	81
65	FZD7 drives in vitro aggressiveness in Stem-A subtype of ovarian cancer via regulation of non-canonical Wnt/PCP pathway. <i>Cell Death and Disease</i> , 2014 , 5, e1346	9.8	77
64	The GAS6-AXL signaling network is a mesenchymal (Mes) molecular subtype-specific therapeutic target for ovarian cancer. <i>Science Signaling</i> , 2016 , 9, ra97	8.8	76

63	Up-regulation of interleukin-6 in human ovarian cancer cell via a Gi/PI3K-Akt/NF-kappaB pathway by lysophosphatidic acid, an ovarian cancer-activating factor. <i>Carcinogenesis</i> , 2005 , 26, 45-52	4.6	70
62	A COL11A1-correlated pan-cancer gene signature of activated fibroblasts for the prioritization of therapeutic targets. <i>Cancer Letters</i> , 2016 , 382, 203-214	9.9	64
61	Targeting pathways contributing to epithelial-mesenchymal transition (EMT) in epithelial ovarian cancer. <i>Current Drug Targets</i> , 2012 , 13, 1649-53	3	63
60	The EMT spectrum and therapeutic opportunities. <i>Molecular Oncology</i> , 2017 , 11, 878-891	7.9	59
59	Rapid prototyping of concave microwells for the formation of 3D multicellular cancer aggregates for drug screening. <i>Advanced Healthcare Materials</i> , 2014 , 3, 609-16	10.1	58
58	Arsenic trioxide prevents radiation-enhanced tumor invasiveness and inhibits matrix metalloproteinase-9 through downregulation of nuclear factor kappaB. <i>Oncogene</i> , 2005 , 24, 390-8	9.2	57
57	Modeling of cancer metastasis and drug resistance via biomimetic nano-cilia and microfluidics. <i>Biomaterials</i> , 2014 , 35, 1562-71	15.6	53
56	TncFing Wnt in female reproductive cancers: therapeutic potential of long non-coding RNAs in Wnt signalling. <i>British Journal of Pharmacology</i> , 2017 , 174, 4684-4700	8.6	47
55	CSIOVDB: a microarray gene expression database of epithelial ovarian cancer subtype. <i>Oncotarget</i> , 2015 , 6, 43843-52	3.3	46
54	Stopping transformed cancer cell growth by rigidity sensing. <i>Nature Materials</i> , 2020 , 19, 239-250	27	45
53	The clinical role of epithelial-mesenchymal transition and stem cell markers in advanced-stage ovarian serous carcinoma effusions. <i>Human Pathology</i> , 2015 , 46, 1-8	3.7	42
52	Copy number variation analysis of matched ovarian primary tumors and peritoneal metastasis. <i>PLoS ONE</i> , 2011 , 6, e28561	3.7	38
51	Target cell movement in tumor and cardiovascular diseases based on the epithelial-mesenchymal transition concept. <i>Advanced Drug Delivery Reviews</i> , 2011 , 63, 558-67	18.5	36
50	Functional relevance of a six mesenchymal gene signature in epithelial-mesenchymal transition (EMT) reversal by the triple angiokinase inhibitor, nintedanib (BIBF1120). <i>Oncotarget</i> , 2015 , 6, 22098-113	3.3	36
49	Histotype-specific copy-number alterations in ovarian cancer. <i>BMC Medical Genomics</i> , 2012 , 5, 47	3.7	35
48	Epithelial-to-mesenchymal transition: lessons from development, insights into cancer and the potential of EMT-subtype based therapeutic intervention. <i>Physical Biology</i> , 2019 , 16, 041004	3	33
47	Cytoskeletal Proteins in Cancer and Intracellular Stress: A Therapeutic Perspective. <i>Cancers</i> , 2020 , 12,	6.6	32
46	Configurable 2D and 3D spheroid tissue cultures on bioengineered surfaces with acquisition of epithelial-mesenchymal transition characteristics. <i>NPG Asia Materials</i> , 2012 , 4, e27-e27	10.3	32

45	The role of GRHL2 and epigenetic remodeling in epithelial-mesenchymal plasticity in ovarian cancer cells. <i>Communications Biology</i> , 2019 , 2, 272	6.7	30
44	Actin cytoskeleton self-organization in single epithelial cells and fibroblasts under isotropic confinement. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	30
43	Linking epithelial-mesenchymal transition to the well-known polarity protein Par6. <i>Developmental Cell</i> , 2005 , 8, 456-8	10.2	28
42	Activation of STAT3 and STAT5 Signaling in Epithelial Ovarian Cancer Progression: Mechanism and Therapeutic Opportunity. <i>Cancers</i> , 2019 , 12,	6.6	28
41	Analysis of gene expression signatures identifies prognostic and functionally distinct ovarian clear cell carcinoma subtypes. <i>EBioMedicine</i> , 2019 , 50, 203-210	8.8	25
40	Lysophosphatidic acid induces ovarian cancer cell dispersal by activating Fyn kinase associated with p120-catenin. <i>International Journal of Cancer</i> , 2008 , 123, 801-9	7.5	23
39	Hypoxia-inducible factor-1 α promotes cell survival during ammonia stress response in ovarian cancer stem-like cells. <i>Oncotarget</i> , 2017 , 8, 114481-114494	3.3	23
38	Development and Validation of the Gene Expression Predictor of High-grade Serous Ovarian Carcinoma Molecular SubTYPE (PrOTYPE). <i>Clinical Cancer Research</i> , 2020 , 26, 5411-5423	12.9	21
37	The tumour suppressor OPCML promotes AXL inactivation by the phosphatase PTPRG in ovarian cancer. <i>EMBO Reports</i> , 2018 , 19,	6.5	20
36	Gene expression analysis of matched ovarian primary tumors and peritoneal metastasis. <i>Journal of Translational Medicine</i> , 2012 , 10, 121	8.5	20
35	LNK (SH2B3): paradoxical effects in ovarian cancer. <i>Oncogene</i> , 2015 , 34, 1463-74	9.2	17
34	A spatiotemporally defined in vitro microenvironment for controllable signal delivery and drug screening. <i>Analyst, The</i> , 2014 , 139, 4846-54	5	17
33	Loss of discoidin domain receptor 1 (DDR1) via CpG methylation during EMT in epithelial ovarian cancer. <i>Gene</i> , 2017 , 635, 9-15	3.8	17
32	Intracellular Hyper-Acidification Potentiated by Hydrogen Sulfide Mediates Invasive and Therapy Resistant Cancer Cell Death. <i>Frontiers in Pharmacology</i> , 2017 , 8, 763	5.6	16
31	RNA-Binding Protein Suppresses Hypoxia and Cell-Cycle Signaling. <i>Cancer Research</i> , 2020 , 80, 219-233	10.1	16
30	SNAI1 recruits HDAC1 to suppress SNAI2 transcription during epithelial to mesenchymal transition. <i>Scientific Reports</i> , 2019 , 9, 8295	4.9	15
29	Functional reservoir microcapsules generated via microfluidic fabrication for long-term cardiovascular therapeutics. <i>Lab on A Chip</i> , 2020 , 20, 2756-2764	7.2	13
28	Applications of the Chick Chorioallantoic Membrane as an Alternative Model for Cancer Studies. <i>Cells Tissues Organs</i> , 2021 , 1-16	2.1	11

27	The FZD7-TWIST1 axis is responsible for anoikis resistance and tumorigenesis in ovarian carcinoma. <i>Molecular Oncology</i> , 2019 , 13, 757-780	7.9	11
26	Inflammatory and mitogenic signals drive interleukin 23 subunit alpha (IL23A) secretion independent of IL12B in intestinal epithelial cells. <i>Journal of Biological Chemistry</i> , 2020 , 295, 6387-6400	5.4	9
25	Decoding transcriptomic intra-tumour heterogeneity to guide personalised medicine in ovarian cancer. <i>Journal of Pathology</i> , 2019 , 247, 305-319	9.4	9
24	Targeting the AXL signaling pathway in ovarian cancer. <i>Molecular and Cellular Oncology</i> , 2017 , 4, e1263716	1.6	8
23	Cysteine Deprivation Targets Ovarian Clear Cell Carcinoma Oxidative Stress and Iron-Sulfur Cluster Biogenesis Deficit. <i>Antioxidants and Redox Signaling</i> , 2020 , 33, 1191-1208	8.4	8
22	Lysophosphatidic acid modulates the association of PTP1B with N-cadherin/catenin complex in SKOV3 ovarian cancer cells. <i>Cell Biology International</i> , 2012 , 36, 833-41	4.5	7
21	Clinical Presentation of Pelvic Tuberculosis Imitating Ovarian Malignancy. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2004 , 43, 29-34	1.6	6
20	Spotlight on the Granules (Grainyhead-Like Proteins) - From an Evolutionary Conserved Controller of Epithelial Trait to Pioneering the Chromatin Landscape. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 213	5.6	6
19	Putting the BRK on breast cancer: From molecular target to therapeutics. <i>Theranostics</i> , 2021 , 11, 1115-1128	11.2	5
18	SNAI1-Driven Sequential EMT Changes Attributed by Selective Chromatin Enrichment of RAD21 and GRHL2. <i>Cancers</i> , 2020 , 12,	6.6	4
17	A new dimension in drug discovery: reversing epithelial-mesenchymal transition (EMT). <i>Cell Death and Disease</i> , 2016 , 7, e2417	9.8	4
16	Reply to Pontus Eriksson and Gottfrid Sjöbahl's Letter to the Editor re: Tuan Zea Tan, Mathieu Rouanne, Kien Thiam Tan, Ruby Yun-Ju Huang, Jean-Paul Thiery. Molecular Subtypes of Urothelial Bladder Cancer: Results from a Meta-cohort Analysis of 2411 Tumors. <i>Eur Urol</i> 2019;75:423-32.	10.2	4
15	Pharmacological Inhibition of BAD Ser99 Phosphorylation Enhances the Efficacy of Cisplatin in Ovarian Cancer by Inhibition of Cancer Stem Cell-like Behavior. <i>ACS Pharmacology and Translational Science</i> , 2020 , 3, 1083-1099	5.9	3
14	A reasoned approach towards administering COVID-19 vaccines to pregnant women. <i>Prenatal Diagnosis</i> , 2021 , 41, 1018-1035	3.2	3
13	High-throughput functional profiling of single adherent cells hydrogel drop-screen. <i>Lab on A Chip</i> , 2021 , 21, 764-774	7.2	3
12	Actin cytoskeleton self-organization in single epithelial cells and fibroblasts under isotropic confinement		1
11	Identification of serum cytokine clusters associated with outcomes in ovarian clear cell carcinoma. <i>Scientific Reports</i> , 2020 , 10, 18503	4.9	1
10	High prevalence of APOA1/C3/A4/A5 alterations in luminal breast cancers among young women in East Asia. <i>Npj Breast Cancer</i> , 2021 , 7, 88	7.8	1

9	Epigenetic derepression converts PPAR γ into a druggable target in triple-negative and endocrine-resistant breast cancers. <i>Cell Death Discovery</i> , 2021 , 7, 265	6.9	1
8	Modulated TRPC1 Expression Predicts Sensitivity of Breast Cancer to Doxorubicin and Magnetic Field Therapy: Segue Towards a Precision Medicine Approach.. <i>Frontiers in Oncology</i> , 2021 , 11, 783803	5.3	0
7	Evolution of CP2 transcription factors in Hexapoda. <i>Journal of Genetics</i> , 2021 , 100, 1	1.2	0
6	Prognostic significance of phosphoglycerate dehydrogenase in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2021 , 186, 655-665	4.4	0
5	Drug Screening: Rapid Prototyping of Concave Microwells for the Formation of 3D Multicellular Cancer Aggregates for Drug Screening (Adv. Healthcare Mater. 4/2014). <i>Advanced Healthcare Materials</i> , 2014 , 3, 620-620	10.1	
4	Effect of inhibition of receptor tyrosine kinase AXL by a selective small molecular inhibitor R428 (BGB321) on DNA damage repair response in ovarian cancer cells.. <i>Journal of Clinical Oncology</i> , 2020 , 38, e15640-e15640	2.2	
3	Sustained Gas6/AXL signaling network in the mes subtype of ovarian cancer as a molecular subtype specific therapeutic target.. <i>Journal of Clinical Oncology</i> , 2016 , 34, e17084-e17084	2.2	
2	Two high-yield complementary methods to sort cell populations by their 2D or 3D migration speed. <i>Molecular Biology of the Cell</i> , 2020 , 31, 2779-2790	3.5	
1	Case study: Digital spatial profiling of metastatic clear cell carcinoma reveals intra-tumor heterogeneity in epithelial-mesenchymal gradient		