

# Weiguo LÃ¼

## List of Publications by Year in descending order

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110  
papers

2,149  
citations

236925

25  
h-index

330143

37  
g-index

123  
all docs

123  
docs citations

123  
times ranked

2913  
citing authors

#	ARTICLE	IF	CITATIONS
1	CircPLEKHM3 acts as a tumor suppressor through regulation of the miR-9/BRCA1/DNAJB6/KLF4/AKT1 axis in ovarian cancer. <i>Molecular Cancer</i> , 2019, 18, 144.	19.2	99
2	Exosomal let-7d-3p and miR-30d-5p as diagnostic biomarkers for non-invasive screening of cervical cancer and its precursors. <i>Molecular Cancer</i> , 2019, 18, 76.	19.2	98
3	Autophagy maintains the stemness of ovarian cancer stem cells by FOXA2.. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 171.	8.6	73
4	Plasma-derived exosomal miR-15a-5p as a promising diagnostic biomarker for early detection of endometrial carcinoma. <i>Molecular Cancer</i> , 2021, 20, 57.	19.2	59
5	Single-Cell RNA Sequencing Reveals the Tissue Architecture in Human High-Grade Serous Ovarian Cancer. <i>Clinical Cancer Research</i> , 2022, 28, 3590-3602.	7.0	57
6	MicroRNA Detection in Cervical Exfoliated Cells as a Triage for Human Papillomavirusâ€“Positive Women. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	55
7	The application of deep learning based diagnostic system to cervical squamous intraepithelial lesions recognition in colposcopy images. <i>Scientific Reports</i> , 2020, 10, 11639.	3.3	54
8	Centromere-localized Aurora B kinase is required for the fidelity of chromosome segregation. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	54
9	miR-375 Mediated Acquired Chemo-Resistance in Cervical Cancer by Facilitating EMT. <i>PLoS ONE</i> , 2014, 9, e109299.	2.5	50
10	HSP60-regulated Mitochondrial Proteostasis and Protein Translation Promote Tumor Growth of Ovarian Cancer. <i>Scientific Reports</i> , 2019, 9, 12628.	3.3	48
11	Genome-Wide Profiling of Cervical RNA-Binding Proteins Identifies Human Papillomavirus Regulation of RNASEH2A Expression by Viral E7 and E2F1. <i>MBio</i> , 2019, 10, .	4.1	47
12	Low Dose of Bisphenol A Modulates Ovarian Cancer Gene Expression Profile and Promotes Epithelial to Mesenchymal Transition Via Canonical Wnt Pathway. <i>Toxicological Sciences</i> , 2018, 164, 527-538.	3.1	46
13	CircCDKN2B-AS1 interacts with IMP3 to stabilize hexokinase 2 mRNA and facilitate cervical squamous cell carcinoma aerobic glycolysis progression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 281.	8.6	44
14	Microenvironment remodeled by tumor and stromal cells elevates fibroblast-derived COL1A1 and facilitates ovarian cancer metastasis. <i>Experimental Cell Research</i> , 2020, 394, 112153.	2.6	43
15	Machine learning-based LIBS spectrum analysis of human blood plasma allows ovarian cancer diagnosis. <i>Biomedical Optics Express</i> , 2021, 12, 2559.	2.9	40
16	Tumor-infiltrating CD8+ and FOXP3+ lymphocytes before and after neoadjuvant chemotherapy in cervical cancer. <i>Diagnostic Pathology</i> , 2018, 13, 93.	2.0	37
17	Analysis of PD-L1 expression in trophoblastic tissues and tumors. <i>Human Pathology</i> , 2019, 84, 202-212.	2.0	35
18	High GMFG expression correlates with poor prognosis and promotes cell migration and invasion in epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2014, 132, 745-751.	1.4	33

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19	Methylation-associated Has-miR-9 deregulation in paclitaxel- resistant epithelial ovarian carcinoma. BMC Cancer, 2015, 15, 509.	2.6	33
20	Total hysterectomy versus uterine evacuation for preventing post-molar gestational trophoblastic neoplasia in patients who are at least 40 years old: a systematic review and meta-analysis. BMC Cancer, 2019, 19, 13.	2.6	32
21	Safety of ovarian preservation in women with stage I and II cervical adenocarcinoma: a retrospective study and meta-analysis. American Journal of Obstetrics and Gynecology, 2016, 215, 460.e1-460.e13.	1.3	31
22	Oncogenic HPV promotes the expression of the long noncoding RNA lnc-FANCI-2 through E7 and YY1. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	31
23	miR-2861 acts as a tumor suppressor via targeting EGFR/AKT2/CCND1 pathway in cervical cancer induced by human papillomavirus virus 16 E6. Scientific Reports, 2016, 6, 28968.	3.3	29
24	circEYA1 Functions as a Sponge of miR-582-3p to Suppress Cervical Adenocarcinoma Tumorigenesis via Upregulating CXCL14. Molecular Therapy - Nucleic Acids, 2020, 22, 1176-1190.	5.1	29
25	Expression of E-, P- and N-Cadherin and Its Clinical Significance in Cervical Squamous Cell Carcinoma and Precancerous Lesions. PLoS ONE, 2016, 11, e0155910.	2.5	29
26	Diagnostic and clinical utility of whole genome sequencing in a cohort of undiagnosed Chinese families with rare diseases. Scientific Reports, 2019, 9, 19365.	3.3	28
27	Histone H2A phosphorylation recruits topoisomerase $\alpha$ to centromeres to safeguard genomic stability. EMBO Journal, 2020, 39, e101863.	7.8	28
28	Potential of peptide-engineered exosomes with overexpressed miR-92b-3p in anti-angiogenic therapy of ovarian cancer. Clinical and Translational Medicine, 2021, 11, e425.	4.0	28
29	Over-Expressed miR-224 Promotes the Progression of Cervical Cancer via Targeting RASSF8. PLoS ONE, 2016, 11, e0162378.	2.5	27
30	Transcriptome sequencing profiles of cervical cancer tissues and SiHa cells. Functional and Integrative Genomics, 2020, 20, 211-221.	3.5	26
31	LINC01088 inhibits tumorigenesis of ovarian epithelial cells by targeting miR-24-1-5p. Scientific Reports, 2018, 8, 2876.	3.3	24
32	Low-dose mono(2-ethylhexyl) phthalate promotes ovarian cancer development through PPAR $\alpha$ -dependent PI3K/Akt/NF- $\kappa$ B pathway. Science of the Total Environment, 2021, 790, 147990.	8.0	24
33	Global characterization of extrachromosomal circular DNAs in advanced high grade serous ovarian cancer. Cell Death and Disease, 2022, 13, 342.	6.3	24
34	STON2 negatively modulates stem-like properties in ovarian cancer cells via DNMT1/MUC1 pathway. Journal of Experimental and Clinical Cancer Research, 2018, 37, 305.	8.6	23
35	LncRNA SPOCD1-AS from ovarian cancer extracellular vesicles remodels mesothelial cells to promote peritoneal metastasis via interacting with G3BP1. Journal of Experimental and Clinical Cancer Research, 2021, 40, 101.	8.6	23
36	Increased circulating GrMyeloid-derived suppressor cells correlated with tumor burden and survival in locally advanced cervical cancer patient. Journal of Cancer, 2019, 10, 1341-1348.	2.5	22

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37	Viral E6 is overexpressed via high viral load in invasive cervical cancer with episomal HPV16. <i>BMC Cancer</i> , 2017, 17, 136.	2.6	20
38	Bub1 and CENP-U redundantly recruit Plk1 to stabilize kinetochore-microtubule attachments and ensure accurate chromosome segregation. <i>Cell Reports</i> , 2021, 36, 109740.	6.4	20
39	Screening ovarian cancers with Raman spectroscopy of blood plasma coupled with machine learning data processing. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120355.	3.9	20
40	Variants in human papillomavirus receptor and associated genes are associated with type-specific HPV infection and lesion progression of the cervix. <i>Oncotarget</i> , 2016, 7, 40135-40147.	1.8	20
41	The Alterations of Vaginal Microbiome in HPV16 Infection as Identified by Shotgun Metagenomic Sequencing. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 286.	3.9	19
42	Identification and Experimental Validation of Immune-Associate lncRNAs for Predicting Prognosis in Cervical Cancer. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 4721-4734.	2.0	19
43	CUL2 overexpression driven by CUL2/E2F1/miR-424 regulatory loop promotes HPV16 E7 induced cervical carcinogenesis. <i>Oncotarget</i> , 2016, 7, 31520-31533.	1.8	19
44	Efficacy of hyperthermic intraperitoneal chemotherapy in patients with epithelial ovarian cancer: a meta-analysis. <i>International Journal of Hyperthermia</i> , 2019, 36, 561-571.	2.5	18
45	Global identification and characterization of tRNA-derived RNA fragment landscapes across human cancers. <i>NAR Cancer</i> , 2020, 2, zcaa031.	3.1	18
46	A cross-sectional study on HPV testing with type 16/18 genotyping for cervical cancer screening in 11,064 Chinese women. <i>Cancer Medicine</i> , 2017, 6, 1091-1101.	2.8	17
47	A Well-Circumscribed Border with Peripheral Doppler Signal in Sonographic Image Distinguishes Epithelioid Trophoblastic Tumor from Other Gestational Trophoblastic Neoplasms. <i>PLoS ONE</i> , 2014, 9, e112618.	2.5	17
48	Interactions between serum folate and human papillomavirus with cervical intraepithelial neoplasia risk in a Chinese population-based study. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 1034-1042.	4.7	16
49	Analysis on clinical effects of dilation and curettage guided by ultrasonography versus hysteroscopy after uterine artery embolization in the treatment of cesarean scar pregnancy. <i>Therapeutics and Clinical Risk Management</i> , 2019, Volume 15, 83-89.	2.0	16
50	&lt;p&gt;Combined Evaluation of Preoperative Serum CEA and CA125 as an Independent Prognostic Biomarker in Patients with Early-Stage Cervical Adenocarcinoma&lt;/p&gt;. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 5155-5164.	2.0	16
51	Residual disease and risk factors in patients with high-grade cervical intraepithelial neoplasia and positive margins after initial conization. <i>Therapeutics and Clinical Risk Management</i> , 2015, 11, 851.	2.0	15
52	Acute pulmonary embolism in a patient with cesarean scar pregnancy after receiving uterine artery embolization: a case report. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 117-120.	2.0	15
53	CNN3 acts as a potential oncogene in cervical cancer by affecting RPLP1 mRNA expression. <i>Scientific Reports</i> , 2020, 10, 2427.	3.3	15
54	An analysis of <sc>HER2</sc> amplification in cervical adenocarcinoma: correlation with clinical outcomes and the International Endocervical Adenocarcinoma Criteria and Classification. <i>Journal of Pathology: Clinical Research</i> , 2021, 7, 86-95.	3.0	15

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55	Cyclinâ€dependent kinase 9 promotes cervical cancer development via AKT2/p53 pathway. IUBMB Life, 2018, 71, 347-356.	3.4	14
56	Multi-Modal Fusion Learning For Cervical Dysplasia Diagnosis. , 2019, , .		14
57	Association between vitamin D/calcium intake and 25-hydroxyvitamin D and risk of ovarian cancer: a dose-response relationship meta-analysis. European Journal of Clinical Nutrition, 2021, 75, 417-429.	2.9	14
58	FAM83A exerts tumorâ€™suppressive roles in cervical cancer by regulating integrins. International Journal of Oncology, 2020, 57, 509-521.	3.3	14
59	Transcriptome analysis uncovers the diagnostic value of miR-192-5p/HNF1A-AS1/VIL1 panel in cervical adenocarcinoma. Scientific Reports, 2020, 10, 16584.	3.3	13
60	Clinicopathological and biological significance of aberrant activation of glycogen synthase kinase-3 in ovarian cancer. OncoTargets and Therapy, 2014, 7, 1159.	2.0	12
61	Autophagy and Tumor Database: ATdb, a novel database connecting autophagy and tumor. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	3.0	12
62	Diagnostic value of progesterone receptor, p16, p53 and pHH3 expression in uterine atypical leiomyoma. International Journal of Clinical and Experimental Pathology, 2015, 8, 7196-202.	0.5	12
63	FARS2 deficiency in <i>Drosophila</i> reveals the developmental delay and seizure manifested by aberrant mitochondrial tRNA metabolism. Nucleic Acids Research, 2021, 49, 13108-13121.	14.5	12
64	hsa_circ_0005358 suppresses cervical cancer metastasis by interacting with PTBP1 protein to destabilize CDCP1 mRNA. Molecular Therapy - Nucleic Acids, 2022, 27, 227-240.	5.1	12
65	Oncogenic circTICRR suppresses autophagy via binding to HuR protein and stabilizing GLUD1 mRNA in cervical cancer. Cell Death and Disease, 2022, 13, .	6.3	12
66	A transcriptomic landscape of human papillomavirus 16 E6â€™regulated gene expression and splicing events. FEBS Letters, 2016, 590, 4594-4605.	2.8	11
67	Comparison of different therapeutic strategies for complete hydatidiform mole in women at least 40Â¥years old: a retrospective cohort study. BMC Cancer, 2017, 17, 733.	2.6	10
68	Diagnostic Yield and Performance of a Large Population-Based Cervical Cancer Screening Program in High-Risk Rural China. Journal of Cancer, 2020, 11, 4000-4006.	2.5	10
69	Synergistic combination of histone deacetylase inhibitor suberoylanilide hydroxamic acid and oncolytic adenovirus ZD55-TRAIL as a therapy against cervical cancer. Molecular Medicine Reports, 2015, 12, 435-441.	2.4	9
70	Integrated analysis of virus and host transcriptomes in cervical cancer in Asian and Western populations. Genomics, 2021, 113, 1554-1564.	2.9	9
71	LncRNA CASC15, MiR-23b Cluster and SMAD3 form a Novel Positive Feedback Loop to promote Epithelial-Mesenchymal Transition and Metastasis in Ovarian Cancer. International Journal of Biological Sciences, 2022, 18, 1989-2002.	6.4	9
72	Prognostic value of pathological response to neoadjuvant chemotherapy in bulky stage Ib2 and IIa cervical squamous cell cancer patients. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2016, 468, 329-336.	2.8	8

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73	Pregnant outcomes of atypical polypoid adenomyoma treated with progestin therapy. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018, 44, 323-330.	1.3	8
74	Unexpected uterine sarcomas in 4478 patients with electric power morcellation for leiomyomas. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 230, 85-89.	1.1	8
75	Single-Cell Transcriptomic Analysis. , 2020, 10, 767-783.		8
76	Grading of endocervical adenocarcinoma: a novel prognostic system based on tumor budding and cell cluster size. <i>Modern Pathology</i> , 2021, , .	5.5	8
77	Arsenic compound sensitizes homologous recombination proficient ovarian cancer to PARP inhibitors. <i>Cell Death Discovery</i> , 2021, 7, 259.	4.7	8
78	Efficacy of niraparib maintenance therapy in patients with newly diagnosed advanced ovarian cancer in phase 3 PRIME study: A subgroup analysis by response to first-line platinum-based chemotherapy.. <i>Journal of Clinical Oncology</i> , 2022, 40, 5551-5551.	1.6	8
79	<p>High-Risk Human Papillomavirus E7 Maintains Stemness Via APH1B In Cervical Cancer Stem-Cell Like Cells</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 9541-9552.	1.9	7
80	A clinicopathological and molecular analysis of cervical carcinomas with basaloid features. <i>Histopathology</i> , 2020, 76, 283-295.	2.9	7
81	SURF4 maintains stem-like properties via BIRC3 in ovarian cancer cells. <i>Journal of Gynecologic Oncology</i> , 2020, 31, e46.	2.2	7
82	Overlap of microcystic stromal tumor and primary solid pseudopapillary neoplasm of the ovary. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 11792-7.	0.5	7
83	Dietary nutrient intake related to higher grade cervical intraepithelial neoplasia risk: a Chinese population-based study. <i>Nutrition and Metabolism</i> , 2020, 17, 100.	3.0	6
84	Lower dietary mineral intake is significantly associated with cervical cancer risk in a population-based cross-sectional study. <i>Journal of Cancer</i> , 2021, 12, 111-123.	2.5	6
85	CircSPIDR acts as a tumour suppressor in cervical adenocarcinoma by sponging miR-431-5p and regulating SORCS1 and CUBN expression. <i>Aging</i> , 2021, 13, 18340-18359.	3.1	6
86	Transverse parallel compression suture: a new suturing method for successful treating pernicious placenta previa during cesarean section. <i>Archives of Gynecology and Obstetrics</i> , 2020, 301, 465-472.	1.7	6
87	Analysis of adnexal mass managed during cesarean section. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 28, 447-452.	1.4	6
88	Associations of RBC and Serum Folate Concentrations with Cervical Intraepithelial Neoplasia and High-Risk Human Papillomavirus Genotypes in Female Chinese Adults. <i>Journal of Nutrition</i> , 2022, 152, 466-474.	2.9	5
89	The management of hydatidiform mole with lung nodule: a retrospective analysis in 53 patients. <i>Journal of Gynecologic Oncology</i> , 2019, 30, e16.	2.2	4
90	Preoperative predictive factor analysis of ovarian malignant involvement in premenopausal patients with clinical stage I endometrioid endometrial carcinoma. <i>Scientific Reports</i> , 2021, 11, 1219.	3.3	4

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91	Efficient combination of Human Papillomavirus Genotyping for the triage of women with Atypical Squamous Cells of Undetermined Significance in Chinese rural population: A population-based study. <i>Journal of Cancer</i> , 2021, 12, 2815-2824.	2.5	4
92	Clinicopathological features and outcomes in gastric-type of HPV-independent endocervical adenocarcinomas. <i>BMC Cancer</i> , 2021, 21, 1095.	2.6	4
93	Performance of human papillomavirus (HPV) mRNA testing and HPV 16 and 18/45 genotyping combined with age stratification in the triaging of women with ASC-US cytology. <i>Gynecologic Oncology</i> , 2022, 164, 607-614.	1.4	4
94	Olaparib maintenance monotherapy in Chinese patients with platinum-sensitive relapsed ovarian cancer: China cohort from the phase III SOLO2 trial. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2022, , .	1.1	4
95	A phase Ib study of IN10018 in combination with pegylated liposomal doxorubicin (PLD) in patients with platinum-resistant ovarian cancer.. <i>Journal of Clinical Oncology</i> , 2022, 40, 5567-5567.	1.6	4
96	Whole-exome sequencing reveals genetic variants in ERC1 and KCNG4 associated with complete hydatidiform mole in Chinese Han women. <i>Oncotarget</i> , 2017, 8, 75264-75271.	1.8	3
97	MDEHT: a multivariate approach for detecting differential expression of microRNA isoform data in RNA-sequencing studies. <i>Bioinformatics</i> , 2020, 36, 2657-2664.	4.1	3
98	The 16-year experience in treating low-risk gestational trophoblastic neoplasia patients with failed primary methotrexate chemotherapy. <i>Journal of Gynecologic Oncology</i> , 2020, 31, e36.	2.2	3
99	Antibody-Peptide Epitope Conjugates for Personalized Cancer Therapy. <i>Cancer Research</i> , 2022, 82, 773-784.	0.9	3
100	A Corresponding Region Fusion Framework for Multi-modal Cervical Lesion Detection. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2024, , 1-1.	3.0	3
101	Early stage primary ovarian mucinous carcinoma: Outcome-based clinicopathological study in comparison with serous carcinoma. <i>Journal of International Medical Research</i> , 2016, 44, 357-366.	1.0	2
102	Olaparib maintenance therapy in patients (pts) with a BRCA1 and/or BRCA2 mutation (BRCAm) and newly diagnosed advanced ovarian cancer (OC): SOLO1 China cohort.. <i>Journal of Clinical Oncology</i> , 2019, 37, 5554-5554.	1.6	2
103	The Value of MicroRNA-375 Detection for Triage Primary Human Papillomavirus Positive Women: A Cross-Sectional Study in a General Population. <i>Frontiers in Oncology</i> , 2021, 11, 771053.	2.8	2
104	Head-to-Head Comparison of DH3 HPV Test and HC2 Assay for Detection of High-Risk HPV Infection in Residual Cytology Samples from Cervical Cancer Screening Setting: Baseline and 3-Year Longitudinal Data. <i>Microbiology Spectrum</i> , 2022, 10, e0157021.	3.0	2
105	&lt;p&gt;Identification of a Novel Prognostic Classification Model in Epithelial Ovarian Cancer by Cluster Analysis&lt;/p&gt;. <i>Cancer Management and Research</i> , 2020, Volume 12, 6251-6259.	1.9	1
106	Red blood cell folate, high-risk human papillomavirus risk and cervical intraepithelial neoplasia development: A large Chinese community-based cohort study of cervical screening.. <i>Journal of Clinical Oncology</i> , 2021, 39, 10547-10547.	1.6	0
107	Chemotherapy initiation with single-course methotrexate alone or combined with dactinomycin versus multi-course methotrexate for low-risk gestational trophoblastic neoplasia: a multi-centric randomized clinical trial. <i>Frontiers of Medicine</i> , 2021, , 1.	3.4	0
108	Lectin galactoside-binding soluble 3 binding protein mediates methotrexate resistance in choriocarcinoma cell lines. <i>Bioengineered</i> , 2022, 13, 2076-2086.	3.2	0

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109	Noninvasive Predictor for Premalignant and Cancerous Lesions in Endometrial Polyps Diagnosed by Ultrasound. <i>Frontiers in Oncology</i> , 2021, 11, 812033.	2.8	0
110	Evaluation and simplification of risk factors in FIGO 2000 scoring system for gestational trophoblastic neoplasia: a 19-year retrospective analysis. <i>Journal of Zhejiang University: Science B</i> , 2022, 23, 218-229.	2.8	0