Rosemary E Zuna

List of Publications by Year
in descending order

48 papers	3,224 citations	218677 26 h-index	206112 48 g-index
49 all docs	49 docs citations	49 times ranked	5424 citing authors

#	Article	IF	Citations
1	A Comprehensive Pan-Cancer Molecular Study of Gynecologic and Breast Cancers. Cancer Cell, 2018, 33, 690-705.e9.	16.8	478
2	Integrated Molecular Characterization of Uterine Carcinosarcoma. Cancer Cell, 2017, 31, 411-423.	16.8	309
3	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. Cell Reports, 2018, 23, 194-212.e6.	6.4	245
4	HPV16 E7 Genetic Conservation Is Critical to Carcinogenesis. Cell, 2017, 170, 1164-1174.e6.	28.9	221
5	Molecular transitions from papillomavirus infection to cervical precancer and cancer: Role of stromal estrogen receptor signaling. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3255-64.	7.1	197
6	Performance of p16/Ki-67 Immunostaining to Detect Cervical Cancer Precursors in a Colposcopy Referral Population. Clinical Cancer Research, 2012, 18, 4154-4162.	7.0	196
7	Multiple human papillomavirus genotype infections in cervical cancer progression in the study to understand cervical cancer early endpoints and determinants. International Journal of Cancer, 2009, 125, 2151-2158.	5.1	165
8	Multiple Biopsies and Detection of Cervical Cancer Precursors at Colposcopy. Journal of Clinical Oncology, 2015, 33, 83-89.	1.6	156
9	Accuracy and Efficiency of Deep-Learning–Based Automation of Dual Stain Cytology in Cervical Cancer Screening. Journal of the National Cancer Institute, 2021, 113, 72-79.	6.3	82
10	Human Papillomavirus Cofactors by Disease Progression and Human Papillomavirus Types in the Study to Understand Cervical Cancer Early Endpoints and Determinants. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 113-120.	2.5	76
11	Grading the severity of cervical neoplasia based on combined histopathology, cytopathology, and HPV genotype distribution among 1,700 women referred to colposcopy in Oklahoma. International Journal of Cancer, 2009, 124, 964-969.	5.1	76
12	Deep Learning Nuclei Detection in Digitized Histology Images by Superpixels. Journal of Pathology Informatics, 2018, 9, 5.	1.7	73
13	Association of HPV16 E6 variants with diagnostic severity in cervical cytology samples of 354 women in a US population. International Journal of Cancer, 2009, 125, 2609-2613.	5.1	69
14	Discovery and validation of candidate host DNA methylation markers for detection of cervical precancer and cancer. International Journal of Cancer, 2017, 141, 701-710.	5.1	62
15	Human papillomavirus 16 sub-lineage dispersal and cervical cancer risk worldwide: Whole viral genome sequences from 7116 HPV16-positive women. Papillomavirus Research (Amsterdam,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.5	58
16	Molecular mapping of high-grade cervical intraepithelial neoplasia shows etiological dominance of HPV16. International Journal of Cancer, 2012, 131, E946-53.	5.1	54
17	Mutations in the HPV16 genome induced by APOBEC3 are associated with viral clearance. Nature Communications, 2020, 11, 886.	12.8	52
18	Distribution of HPV genotypes in 282 women with cervical lesions: evidence for three categories of intraepithelial lesions based on morphology and HPV type. Modern Pathology, 2007, 20, 167-174.	5.5	48

#	Article	IF	Citations
19	Association of <scp>HPV35</scp> with cervical carcinogenesis among women of African ancestry: Evidence of viral–host interaction with implications for disease intervention. International Journal of Cancer, 2020, 147, 2677-2686.	5.1	44
20	Chromosomal copy number alterations and HPV integration in cervical precancer and invasive cancer. Carcinogenesis, 2016, 37, 188-196.	2.8	41
21	Comparison of human papillomavirus genotypes in high-grade squamous intraepithelial lesions and invasive cervical carcinoma: evidence for differences in biologic potential of precursor lesions. Modern Pathology, 2004, 17, 1314-1322.	5.5	40
22	Detection of HPV DNA in paraffin-embedded cervical samples: a comparison of four genotyping methods. BMC Infectious Diseases, 2015, 15, 544.	2.9	40
23	HPV DNA Testing of the Residual Sample of Liquid-Based Pap Test: Utility as a Quality Assurance Monitor. Modern Pathology, 2001, 14, 147-151.	5.5	39
24	Comparison of Human Papillomavirus Detections in Urine, Vulvar, and Cervical Samples from Women Attending a Colposcopy Clinic. Journal of Clinical Microbiology, 2014, 52, 187-192.	3.9	37
25	Phase II trial of vaginal cuff brachytherapy followed by chemotherapy in early stage endometrial cancer patients with high-intermediate risk factors. Gynecologic Oncology, 2014, 132, 50-54.	1.4	32
26	Determinants of human papillomavirus-negative, low-grade squamous intraepithelial lesions in the atypical squamous cells of undetermined significance/low-grade squamous intraepithelial lesions triage study (ALTS). Cancer, 2005, 105, 253-262.	4.1	29
27	Development of the TypeSeq Assay for Detection of 51 Human Papillomavirus Genotypes by Next-Generation Sequencing. Journal of Clinical Microbiology, 2019, 57, .	3.9	27
28	HPV16 variant lineage, clinical stage, and survival in women with invasive cervical cancer. Infectious Agents and Cancer, 2011, 6, 19.	2.6	25
29	A prospective study of risk-based colposcopy demonstrates improved detection of cervicalÂprecancers. American Journal of Obstetrics and Gynecology, 2018, 218, 604.e1-604.e8.	1.3	23
30	A Systematic Review of Tests for Postcolposcopy and Posttreatment Surveillance. Journal of Lower Genital Tract Disease, 2020, 24, 148-156.	1.9	22
31	EpithNet: Deep Regression for Epithelium Segmentation in Cervical Histology Images. Journal of Pathology Informatics, 2020, 11, 10.	1.7	19
32	Evaluation of clinical performance of a novel urine-based HPV detection assay among women attending a colposcopy clinic. Journal of Clinical Virology, 2014, 60, 414-417.	3.1	18
33	Evaluation of TypeSeq, a Novel High-Throughput, Low-Cost, Next-Generation Sequencing-Based Assay for Detection of 51 Human Papillomavirus Genotypes. Journal of Infectious Diseases, 2019, 220, 1609-1619.	4.0	17
34	Cervical smear interpretations in women with a histologic diagnosis of severe dysplasia. Cancer, 2002, 96, 218-224.	4.1	15
35	A stratified randomized double-blind phase II trial of celecoxib for treating patients with cervical intraepithelial neoplasia: The potential predictive value of VEGF serum levels: An NRG Oncology/Gynecologic Oncology Group study. Gynecologic Oncology, 2017, 145, 291-297.	1.4	15
36	Factors associated with reduced accuracy in Papanicolaou tests for patients with invasive cervical cancer. Cancer Cytopathology, 2014, 122, 694-701.	2.4	14

#	Article	IF	Citations
37	Identification of HPV genotypes causing cervical precancer using tissue‐based genotyping. International Journal of Cancer, 2020, 146, 2836-2844.	5.1	13
38	Cytologic patterns of cervical adenocarcinomas with emphasis on factors associated with underdiagnosis. Cancer Cytopathology, 2018, 126, 950-958.	2.4	12
39	Enhancements in localized classification for uterine cervical cancer digital histology image assessment. Journal of Pathology Informatics, 2016, 7, 51.	1.7	12
40	DeepCIN: Attention-Based Cervical histology Image Classification with Sequential Feature Modeling for Pathologist-Level Accuracy. Journal of Pathology Informatics, 2020, 11, 40.	1.7	12
41	Cervical Precancers and Cancers Attributed to HPV Types by Race and Ethnicity: Implications for Vaccination, Screening, and Management. Journal of the National Cancer Institute, 2022, 114, 845-853.	6.3	12
42	Comparison of human papillomavirus distribution in cytologic subgroups of low-grade squamous intraepithelial lesion. Cancer, 2006, 108, 288-297.	4.1	10
43	Adenocarcinoma of the cervix involving the fallopian tube mucosa: report of a case. Diagnostic Pathology, 2016, 11, 77.	2.0	9
44	Automated Cervical Digitized Histology Whole-Slide Image Analysis Toolbox. Journal of Pathology Informatics, 2021, 12, 26.	1.7	9
45	Human Leukocyte Antigen‐Presented Macrophage Migration Inhibitory Factor Is a Surface Biomarker and Potential Therapeutic Target for Ovarian Cancer. Molecular Cancer Therapeutics, 2016, 15, 313-322.	4.1	5
46	Reporting and Assessing the Quality of Diagnostic Accuracy Studies for Cervical Cancer Screening and Management. Journal of Lower Genital Tract Disease, 2020, 24, 157-166.	1.9	5
47	Distribution of cell types differs in Papanicolaou tests of squamous cell carcinomas and adenocarcinomas. Journal of the American Society of Cytopathology, 2017, 6, 10-15.	0.5	3
48	Diagnostic Cytopathology of Peritoneal Washings. CytoJournal, 2022, 19, 9.	1.7	2