Christopher P Crum

List of Publications by Year
in descending order

140 papers	18,571 citations	16451 64 h-index	14208 128 g-index
142 all docs	142 docs citations	142 times ranked	15951 citing authors

#	Article	IF	Citations
1	p63 is essential for regenerative proliferation in limb, craniofacial and epithelial development. Nature, 1999, 398, 714-718.	27.8	2,082
2	Intraepithelial Carcinoma of the Fimbria and Pelvic Serous Carcinoma: Evidence for a Causal Relationship. American Journal of Surgical Pathology, 2007, 31, 161-169.	3.7	980
3	The Tubal Fimbria Is a Preferred Site for Early Adenocarcinoma in Women With Familial Ovarian Cancer Syndrome. American Journal of Surgical Pathology, 2006, 30, 230-236.	3.7	797
4	p63 Is Essential for the Proliferative Potential of Stem Cells in Stratified Epithelia. Cell, 2007, 129, 523-536.	28.9	783
5	Landscape of genomic alterations in cervical carcinomas. Nature, 2014, 506, 371-375.	27.8	708
6	Distal Airway Stem Cells Yield Alveoli InÂVitro and during Lung Regeneration following H1N1 Influenza Infection. Cell, 2011, 147, 525-538.	28.9	510
7	Transformation of the Fallopian Tube Secretory Epithelium Leads to High-Grade Serous Ovarian Cancer in Brca;Tp53;Pten Models. Cancer Cell, 2013, 24, 751-765.	16.8	488
8	Human Epididymis Protein 4 (HE4) Is a Secreted Glycoprotein that Is Overexpressed by Serous and Endometrioid Ovarian Carcinomas. Cancer Research, 2005, 65, 2162-2169.	0.9	484
9	p63 protects the female germ line during meiotic arrest. Nature, 2006, 444, 624-628.	27.8	479
10	Primary Fallopian Tube Malignancies in BRCA-Positive Women Undergoing Surgery for Ovarian Cancer Risk Reduction. Journal of Clinical Oncology, 2007, 25, 3985-3990.	1.6	453
11	p63+Krt5+ distal airway stem cells are essential for lung regeneration. Nature, 2015, 517, 616-620.	27.8	433
12	The distal fallopian tube: a new model for pelvic serous carcinogenesis. Current Opinion in Obstetrics and Gynecology, 2007, 19, 3-9.	2.0	425
13	Human Papillomavirus Type 16 and Early Cervical Neoplasia. New England Journal of Medicine, 1984, 310, 880-883.	27.0	416
14	Ki-67, Cyclin E, and p16 INK4 Are Complimentary Surrogate Biomarkers for Human Papilloma Virus-Related Cervical Neoplasia. American Journal of Surgical Pathology, 2001, 25, 884-891.	3.7	405
15	New Insights Into the Pathogenesis of Serous Ovarian Cancer and Its Clinical Impact. Journal of Clinical Oncology, 2008, 26, 5284-5293.	1.6	362
16	A discrete population of squamocolumnar junction cells implicated in the pathogenesis of cervical cancer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10516-10521.	7.1	350
17	Serous Tubal Intraepithelial Carcinoma: Its Potential Role in Primary Peritoneal Serous Carcinoma and Serous Cancer Prevention. Journal of Clinical Oncology, 2008, 26, 4160-4165.	1.6	317
18	Prediction of DNA Repair Inhibitor Response in Short-Term Patient-Derived Ovarian Cancer Organoids. Cancer Discovery, 2018, 8, 1404-1421.	9.4	311

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19	Lessons from BRCA: The Tubal Fimbria Emerges as an Origin for Pelvic Serous Cancer. Clinical Medicine and Research, 2007, 5, 35-44.	0.8	301
20	Residual Embryonic Cells as Precursors of a Barrett's-like Metaplasia. Cell, 2011, 145, 1023-1035.	28.9	292
21	Serous Carcinogenesis in the Fallopian Tube. International Journal of Gynecological Pathology, 2008, 27, 1-9.	1.4	275
22	A candidate precursor to pelvic serous cancer (p53 signature) and its prevalence in ovaries and fallopian tubes from women with BRCA mutations. Gynecologic Oncology, 2008, 109, 168-173.	1.4	268
23	Loss of p63 Expression Is Associated with Tumor Progression in Bladder Cancer. American Journal of Pathology, 2002, 161, 1199-1206.	3.8	240
24	Cancer of the ovary, fallopian tube, and peritoneum. International Journal of Gynecology and Obstetrics, 2012, 119, S118-29.	2.3	194
25	p63in Epithelial Survival, Germ Cell Surveillance, and Neoplasia. Annual Review of Pathology: Mechanisms of Disease, 2010, 5, 349-371.	22.4	191
26	Endometrial precancer diagnosis by histopathology, clonal analysis, and computerized morphometry. , 2000, 190, 462-469.		171
27	Cloning and variation of ground state intestinal stem cells. Nature, 2015, 522, 173-178.	27.8	156
28	Histologic and immunophenotypic classification of cervical carcinomas by expression of the p53 homologue p63: A study of 250 cases. Human Pathology, 2001, 32, 479-486.	2.0	153
29	Immunotherapy of human cervical high-grade cervical intraepithelial neoplasia with microparticle-delivered human papillomavirus 16 E7 plasmid DNA. American Journal of Obstetrics and Gynecology, 2003, 188, 916-926.	1.3	152
30	Characterization of twenty-five ovarian tumour cell lines that phenocopy primary tumours. Nature Communications, 2015, 6, 7419.	12.8	149
31	Advances in the Recognition of Tubal Intraepithelial Carcinoma. Advances in Anatomic Pathology, 2006, 13, 1-7.	4.3	144
32	Stratified Mucin-Producing Intraepithelial Lesions of the Cervix. American Journal of Surgical Pathology, 2000, 24, 1414-1419.	3.7	143
33	Intercepting pelvic cancer in the distal fallopian tube: Theories and realities. Molecular Oncology, 2009, 3, 165-170.	4.6	143
34	Expression of the p53 Homologue p63 in Early Cervical Neoplasia. Gynecologic Oncology, 2001, 80, 24-29.	1.4	131
35	Secretory cell outgrowth, PAX2 and serous carcinogenesis in the Fallopian tube. Journal of Pathology, 2010, 222, 110-116.	4.5	129
36	SMARCA4-deficient undifferentiated uterine sarcoma (malignant rhabdoid tumor of the uterus): a clinicopathologic entity distinct from undifferentiated carcinoma. Modern Pathology, 2018, 31, 1442-1456.	5.5	128

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37	Serous Tubal Intraepithelial Carcinoma and the Dominant Ovarian Mass. American Journal of Surgical Pathology, 2009, 33, 376-383.	3.7	126
38	Genetic Basis for PD-L1 Expression in Squamous Cell Carcinomas of the Cervix and Vulva. JAMA Oncology, 2016, 2, 518.	7.1	121
39	p16INK4A expression as biomarker for HPV 16-related vulvar neoplasias. Human Pathology, 2004, 35, 1477-1483.	2.0	117
40	Differentiated vulvar intraepithelial neoplasia contains Tp53 mutations and is genetically linked to vulvar squamous cell carcinoma. Modern Pathology, 2010, 23, 404-412.	5.5	115
41	BMP4-directed trophoblast differentiation of human embryonic stem cells is mediated through a Î”Np63+ cytotrophoblast stem cell state. Development (Cambridge), 2013, 140, 3965-3976.	2.5	111
42	Targeted Genomic Profiling Reveals Recurrent KRAS Mutations in Mesonephric-like Adenocarcinomas of the Female Genital Tract. American Journal of Surgical Pathology, 2018, 42, 227-233.	3.7	110
43	High-grade fimbrial-ovarian carcinomas are unified by altered p53, PTEN and PAX2 expression. Modern Pathology, 2010, 23, 1316-1324.	5.5	109
44	p63 Coordinates Anogenital Modeling and Epithelial Cell Differentiation in the Developing Female Urogenital Tract. American Journal of Pathology, 2002, 161, 1111-1117.	3.8	106
45	Diagnostic potential for a serum miRNA neural network for detection of ovarian cancer. ELife, 2017, 6, .	6.0	106
46	Evidence for a Dualistic Model of High-grade Serous Carcinoma. American Journal of Surgical Pathology, 2015, 39, 287-293.	3.7	96
47	STICS SCOUTs and p53 signatures a new language for pelvic serous carcinogenesis. Frontiers in Bioscience - Elite, 2011, E3, 625-634.	1.8	90
48	Prognostic importance of human papillomavirus (HPV) and p16 positivity in squamous cell carcinoma of the vulva treated with radiotherapy. Gynecologic Oncology, 2016, 142, 293-298.	1.4	87
49	Coexisting Intraepithelial Serous Carcinomas of the Endometrium and Fallopian Tube: Frequency and Potential Significance. International Journal of Gynecological Pathology, 2009, 28, 308-315.	1.4	86
50	Enhanced Efficacy of Simultaneous PD-1 and PD-L1 Immune Checkpoint Blockade in High-Grade Serous Ovarian Cancer. Cancer Research, 2021, 81, 158-173.	0.9	85
51	Microanatomy of the cervical and anorectal squamocolumnar junctions: a proposed model for anatomical differences in HPV-related cancer risk. Modern Pathology, 2015, 28, 994-1000.	5.5	84
52	Serous Tubal Intraepithelial Carcinoma: Diagnostic Reproducibility and its Implications. International Journal of Gynecological Pathology, 2010, 29, 310-314.	1.4	83
53	A novel blueprint for â€˜top downâ€™ differentiation defines the cervical squamocolumnar junction during development, reproductive life, and neoplasia. Journal of Pathology, 2013, 229, 460-468.	4.5	81
54	Allelic Imbalance in Lichen Sclerosus, Hyperplasia, and Intraepithelial Neoplasia of the Vulva. Gynecologic Oncology, 2000, 77, 171-176.	1.4	78

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55	A unifying concept of trophoblastic differentiation and malignancy defined by biomarker expression. Human Pathology, 2007, 38, 1003-1013.	2.0	78
56	Risk factors for a serous cancer precursor (â€œp53 signatureâ€) in women with inherited BRCA mutations. Gynecologic Oncology, 2008, 111, 226-232.	1.4	77
57	Serous tubal intraepithelial neoplasia: the concept and its application. Modern Pathology, 2017, 30, 710-721.	5.5	77
58	The fallopian tube, â€œprecursor escapeâ€•and narrowing the knowledge gap to the origins of high-grade serous carcinoma. Gynecologic Oncology, 2019, 152, 426-433.	1.4	77
59	Identification of a Basal/Reserve Cell Immunophenotype in Benign and Neoplastic Endometrium: A Study with the p53 Homologue p63. Gynecologic Oncology, 2001, 80, 30-36.	1.4	74
60	Outcome of unexpected adnexal neoplasia discovered during risk reduction salpingo-oophorectomy in women with germ-line BRCA1 or BRCA2 mutations. Gynecologic Oncology, 2014, 132, 280-286.	1.4	74
61	First International Consensus Report on Adnexal Masses: Management Recommendations. Journal of Ultrasound in Medicine, 2017, 36, 849-863.	1.7	72
62	Differentiated exophytic vulvar intraepithelial lesions are genetically distinct from keratinizing squamous cell carcinomas and contain mutations in PIK3CA. Modern Pathology, 2017, 30, 448-458.	5.5	72
63	Cancer of the ovary, fallopian tube, and peritoneum. International Journal of Gynecology and Obstetrics, 2015, 131, S111-22.	2.3	70
64	Expression of candidate tumor markers in ovarian carcinoma and benign ovary: Evidence for a link between epithelial phenotype and neoplasia. Human Pathology, 2004, 35, 1014-1021.	2.0	69
65	Through the glass darkly: intraepithelial neoplasia, topâ€down differentiation, and the road to ovarian cancer. Journal of Pathology, 2013, 231, 402-412.	4.5	68
66	In vitro and in vivo correlates of physiological and neoplastic human Fallopian tube stem cells. Journal of Pathology, 2016, 238, 519-530.	4.5	68
67	The Oviduct and Ovarian Cancer. Clinical Obstetrics and Gynecology, 2012, 55, 24-35.	1.1	65
68	Evidence for a latent precursor (p53 signature) that may precede serous endometrial intraepithelial carcinoma. Modern Pathology, 2009, 22, 345-350.	5.5	61
69	Cervical Squamocolumnar Junctionâ€“specific Markers Define Distinct, Clinically Relevant Subsets of Low-grade Squamous Intraepithelial Lesions. American Journal of Surgical Pathology, 2013, 37, 1311-1318.	3.7	60
70	Fallopian Tube Correlates of Ovarian Serous Borderline Tumors. American Journal of Surgical Pathology, 2011, 35, 1759-1765.	3.7	59
71	Carcinogenic HPV infection in the cervical squamoâ€columnar junction. Journal of Pathology, 2015, 236, 265-271.	4.5	59
72	Contemporary Theories of Cervical Carcinogenesis: The Virus, the Host, and the Stem Cell. Modern Pathology, 2000, 13, 243-251.	5.5	58

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73	Mutational spectrum of Barrettâ€™s stem cells suggests paths to initiation of a precancerous lesion. Nature Communications, 2016, 7, 10380.	12.8	57
74	Evidence for lineage continuity between early serous proliferations (ESPs) in the Fallopian tube and disseminated highâ€grade serous carcinomas. Journal of Pathology, 2018, 246, 344-351.	4.5	55
75	Microglandular hyperplasia: a model for the de novo emergence and evolution of endocervical reserve cells. Human Pathology, 2005, 36, 154-161.	2.0	49
76	BRCA, the Oviduct, and the Space and Time Continuum of Pelvic Serous Carcinogenesis. International Journal of Gynecological Cancer, 2012, 22, S29-S34.	2.5	49
77	PAX2-null secretory cell outgrowths in the oviduct and their relationship to pelvic serous cancer. Modern Pathology, 2012, 25, 449-455.	5.5	47
78	Stathmin 1 and p16INK4A are sensitive adjunct biomarkers for serous tubal intraepithelial carcinoma. Gynecologic Oncology, 2015, 139, 104-111.	1.4	47
79	Molecular changes in endometriosis-associated ovarian clear cell carcinoma. European Journal of Cancer, 2015, 51, 1831-1842.	2.8	44
80	Intercepting early pelvic serous carcinoma by routine pathological examination of the fimbria. Modern Pathology, 2009, 22, 985-988.	5.5	43
81	Gene Expression Signature of Normal Cell-of-Origin Predicts Ovarian Tumor Outcomes. PLoS ONE, 2013, 8, e80314.	2.5	43
82	Allelic Loss in Human Papillomavirus-Positive and -Negative Vulvar Squamous Cell Carcinomas. American Journal of Pathology, 1999, 154, 1009-1015.	3.8	42
83	Cellular Origin of Barrett's Esophagus: Controversy and Therapeutic Implications. Gastroenterology, 2012, 142, 1424-1430.	1.3	42
84	The Liâ€“Fraumeni syndrome (LFS): a model for the initiation of p53 signatures in the distal Fallopian tube. Journal of Pathology, 2010, 220, 17-23.	4.5	41
85	The impact of tissue block sampling on the detection of p53 signatures in fallopian tubes from women with BRCA 1 or 2 mutations (BRCA+) and controls. Modern Pathology, 2011, 24, 152-156.	5.5	41
86	Genomic aberrations in cervical adenocarcinomas in Hong Kong Chinese women. International Journal of Cancer, 2015, 137, 776-783.	5.1	39
87	Surgical prevention strategies in ovarian cancer. Gynecologic Oncology, 2018, 151, 166-175.	1.4	38
88	Symposium Part 1: Should the Bethesda System Terminology be Used in Diagnostic Surgical Pathology?: Point. International Journal of Gynecological Pathology, 2003, 22, 5-12.	1.4	36
89	Frequency of â€œincidentalâ€•serous tubal intraepithelial carcinoma (STIC) in women without a history of or genetic risk factor for high-grade serous carcinoma: A six-year study. Gynecologic Oncology, 2017, 146, 69-73.	1.4	34
90	Morphologic correlates of molecular alterations in extrauterine MÃ¼llerian carcinomas. Modern Pathology, 2016, 29, 893-903.	5.5	33

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91	Proteomic signatures reveal a dualistic and clinically relevant classification of anal canal carcinoma. Journal of Pathology, 2017, 241, 522-533.	4.5	32
92	Back to the Future? The Fallopian Tube, Precursor Escape and a Dualistic Model of High-Grade Serous Carcinogenesis. Cancers, 2018, 10, 468.	3.7	31
93	The <scp>PAX2</scp>â€null immunophenotype defines multiple lineages with common expression signatures in benign and neoplastic oviductal epithelium. Journal of Pathology, 2014, 234, 478-487.	4.5	30
94	A dualistic model of primary anal canal adenocarcinoma with distinct cellular origins, etiologies, inflammatory microenvironments and mutational signatures: implications for personalised medicine. British Journal of Cancer, 2018, 118, 1302-1312.	6.4	30
95	Unique recurrence patterns of cervical intraepithelial neoplasia after excision of the squamocolumnar junction. International Journal of Cancer, 2015, 136, 1043-1052.	5.1	29
96	Deciphering the Multifactorial Susceptibility of Mucosal Junction Cells to HPV Infection and Related Carcinogenesis. Viruses, 2017, 9, 85.	3.3	29
97	Recent advances in the understanding of the pathogenesis of serous carcinoma: the concept of low- and high-grade disease and the role of the fallopian tube. Diagnostic Histopathology, 2008, 14, 352-365.	0.4	28
98	Hertig and Beyond: A Systematic and Practical Approach to the Endometrial Biopsy. Advances in Anatomic Pathology, 2003, 10, 301-318.	4.3	27
99	Dynamics of Human Papillomavirus Infection between Biopsy and Excision of Cervical Intraepithelial Neoplasia: Results from the ZYC101a Protocol. Journal of Infectious Diseases, 2004, 189, 1348-1354.	4.0	26
100	p16ink4 and cytokeratin 7 immunostaining in predicting HSIL outcome for low-grade squamous intraepithelial lesions: a case series, literature review and commentary. Modern Pathology, 2016, 29, 1501-1510.	5.5	26
101	Epidemiologic correlates of ovarian cortical inclusion cysts (CICs) support a dual precursor pathway to pelvic epithelial cancer. Gynecologic Oncology, 2009, 115, 108-111.	1.4	24
102	Koilocytotic atypia in papanicolaou smears. , 1997, 81, 10-15.		22
103	Human Papillomavirus Type 16 Infection. International Journal of Gynecological Pathology, 1986, 5, 287-296.	1.4	19
104	Cytologic correlates of papillary immature metaplasia (immature condyloma) of the cervix. Diagnostic Cytopathology, 1998, 18, 416-421.	1.0	18
105	Ovarian cancer risk factors by tumor dominance, a surrogate for cell of origin. International Journal of Cancer, 2013, 133, 730-739.	5.1	18
106	Low-grade and high-grade serous Mullerian carcinoma: Review and analysis of publicly available gene expression profiles. Gynecologic Oncology, 2013, 128, 488-492.	1.4	16
107	Squamocolumnar junction ablationâ€"tying up loose ends?. Nature Reviews Clinical Oncology, 2015, 12, 378-380.	27.6	16
108	MicroRNA-200 family governs ovarian inclusion cyst formation and mode of ovarian cancer spread. Oncogene, 2020, 39, 4045-4060.	5.9	13

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109	Vaccines for Cervical Cancer. Cancer Journal (Sudbury, Mass), 2003, 9, 368-376.	2.0	12
110	Laboratory Management of Cervical Intraepithelial Neoplasia. Advances in Anatomic Pathology, 2013, 20, 86-94.	4.3	12
111	Frontiers in the Pathology and Pathogenesis of Ovarian Cancer. Hematology/Oncology Clinics of North America, 2018, 32, 915-928.	2.2	12
112	Bringing the p53 signature into focus. Cancer, 2010, 116, 5119-5121.	4.1	11
113	Cervical Squamous Neoplasia. , 2018, , 298-374.		11
114	The Cellular Origin of Barrettâ€™s Esophagus and Its Stem Cells. Advances in Experimental Medicine and Biology, 2019, 1123, 55-69.	1.6	11
115	Mural nodules in mucinous ovarian tumors represent a morphologic spectrum of clonal neoplasms: a morphologic, immunohistochemical, and molecular analysis of 13 cases. Modern Pathology, 2021, 34, 613-626.	5.5	11
116	Interobserver reproducibility of the diagnosis of differentiated exophytic vulvar intraepithelial lesion (DEVIL) and the distinction from its mimics. Histopathology, 2021, 79, 957-965.	2.9	11
117	Salpingectomy as a Potential Ovarian Cancer Risk-Reducing Procedure. Journal of the National Cancer Institute, 2015, 107, dju490-dju490.	6.3	10
118	Comprehensive Human Papillomavirus Genotyping in Cervical Squamous Cell Carcinomas and Its Relevance to Cervical Cancer Prevention in Malawian Women. Journal of Global Oncology, 2017, 3, 227-234.	0.5	10
119	Origin of clear cell carcinoma: nature or nurture?. Journal of Pathology, 2018, 244, 131-134.	4.5	10
120	Digital quantification of precursor frequency in the fallopian tube and its significance. Modern Pathology, 2012, 25, 1654-1661.	5.5	8
121	Evidence of a Monoclonal Origin for Bilateral Serous Tubal Intraepithelial Neoplasia. International Journal of Gynecological Pathology, 2019, 38, 443-448.	1.4	8
122	Differential Expression of p-ERM, a Marker of Cell Polarity, in Benign and Neoplastic Oviductal Epithelium. International Journal of Gynecological Pathology, 2013, 32, 345-352.	1.4	7
123	Rationale for Developing a Specimen Bank to Study the Pathogenesis of High-Grade Serous Carcinoma: A Review of the Evidence. Cancer Prevention Research, 2016, 9, 713-720.	1.5	7
124	Preventing Ovarian Cancer. Journal of Clinical Oncology, 2016, 34, 198-199.	1.6	7
125	Evidence for a Novel Endometrioid Carcinogenic Sequence in the Fallopian Tube With Unique Beta-Catenin Expression. International Journal of Gynecological Pathology, 2020, 39, 163-169.	1.4	6
126	Ovarian cancer survival by tumor dominance, a surrogate for site of origin. Cancer Causes and Control, 2015, 26, 601-608.	1.8	4

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127	Koilocytotic atypia in papanicolaou smears. Cancer, 1997, 81, 10-15.	4.1	4
128	Response to Gilks et al. Modern Pathology, 2011, 24, 1282-1283.	5.5	3
129	Human papillomaviruses. Applications, caveats and prevention. Journal of reproductive medicine, The, 2002, 47, 519-28; discussion 528-9.	0.2	3
130	Dissection of PIK3CA Aberration for Cervical Adenocarcinoma Outcomes. Cancers, 2021, 13, 3218.	3.7	2
131	Molecular catastrophe, the peritoneal cavity and ovarian cancer prevention. Journal of Pathology, 2022, , .	4.5	2
132	The Fallopian Tube and Broad Ligament. , 2018, , 716-760.		1
133	The Pathology of Pelvic-Ovarian Epithelial (Epithelial-Stromal) Tumors. , 2018, , 865-948.		1
134	The Fallopian Tube and Broad Ligament. , 2011, , 640-678.		1
135	Peritoneal and tubal serous carcinoma. , 0, , 111-120.		0
136	Response to â€œTwo major pathways of recurrent highâ€grade squamous intraepithelial lesions of the cervixâ€. International Journal of Cancer, 2015, 137, 2522-2523.	5.1	0
137	Assessing Pelvic Epithelial Cancer Risk and Intercepting Early Malignancy. , 2018, , 844-864.		0
138	Enhanced Efficacy of Aurora Kinase Inhibitors in G2/M Checkpoint Deficient TP53 Mutant Uterine Carcinomas Is Linked to the Summation of LKB1â€“AKTâ€“p53 Interactions. Cancers, 2021, 13, 2195.	3.7	0
139	A multiâ€step model of pelvic serous carcinogenesis that originates in the distal fallopian tube from a novel precursor lesion.. FASEB Journal, 2007, 21, A77.	0.5	0
140	Prognostic importance of p16 status for women with vulvar squamous cell carcinoma (SCC) treated with radiotherapy.. Journal of Clinical Oncology, 2017, 35, 5599-5599.	1.6	0