Matthias DÃ¼rst

List of Publications by Year
in descending order

69 papers	3,384 citations	172443 29 h-index	149686 56 g-index
69 all docs	69 docs citations	69 times ranked	5551 citing authors

#	Article	IF	Citations
1	OUP accepted manuscript. Human Molecular Genetics, 2022, , .	2.9	1
2	Highly Cytotoxic Osmium(II) Compounds and Their Ruthenium(II) Analogues Targeting Ovarian Carcinoma Cell Lines and Evading Cisplatin Resistance Mechanisms. International Journal of Molecular Sciences, 2022, 23, 4976.	4.1	16
3	Novel Nickel(II), Palladium(II), and Platinum(II) Complexes with O,S Bidendate Cinnamic Acid Ester Derivatives: An In Vitro Cytotoxic Comparison to Ruthenium(II) and Osmium(II) Analogues. International Journal of Molecular Sciences, 2022, 23, 6669.	4.1	6
4	CAMK2N1/RUNX3 methylation is an independent prognostic biomarker for progression-free and overall survival of platinum-sensitive epithelial ovarian cancer patients. Clinical Epigenetics, 2021, 13, 15.	4.1	10
5	Evidence for disseminated tumor cells in lymphatic vessels afferent to sentinel lymph nodes in patients diagnosed with cervical cancer. Cancer Reports, 2021, 4, e1366.	1.4	1
6	Association of genomic variants at <scp>PAX8</scp> and <scp>PBX2</scp> with cervical cancer risk. International Journal of Cancer, 2021, 149, 893-900.	5.1	7
7	Identification of a Locus Near ULK1 Associated With Progression-Free Survival in Ovarian Cancer. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1669-1680.	2.5	5
8	Evaluation of Integrated HPV DNA as Individualized Biomarkers for the Detection of Recurrent CIN2/3 during Post-Treatment Surveillance. Cancers, 2021, 13, 3309.	3.7	4
9	RUNX3 Transcript Variants Have Distinct Roles in Ovarian Carcinoma and Differently Influence Platinum Sensitivity and Angiogenesis. Cancers, 2021, 13, 476.	3.7	5
10	Combined assessment of 3q26 amplification and promoter methylation in patients with high grade cervical lesions show age specific differences. Genes Chromosomes and Cancer, 2020, 59, 168-177.	2.8	4
11	Differences in Stability of Viral and Viral-Cellular Fusion Transcripts in HPV-Induced Cervical Cancers. International Journal of Molecular Sciences, 2020, 21, 112.	4.1	4
12	Triage of hrHPV-positive women: comparison of two commercial methylation-specific PCR assays. Clinical Epigenetics, 2020, 12, 171.	4.1	15
13	Association of genomic variants at the human leukocyte antigen locus with cervical cancer risk, HPV status and gene expression levels. International Journal of Cancer, 2020, 147, 2458-2468.	5.1	12
14	Synthesis, characterization and biological investigation of platinum(<scp>ii</scp>) complexes with asparagusic acid derivatives as ligands. Dalton Transactions, 2019, 48, 936-944.	3.3	14
15	Variants in genes encoding small GTPases and association with epithelial ovarian cancer susceptibility. PLoS ONE, 2018, 13, e0197561.	2.5	9
16	Functional Analyses of RUNX3 and CaMKIINÎ± in Ovarian Cancer Cell Lines Reveal Tumor-Suppressive Functions for CaMKIINÎ± and Dichotomous Roles for RUNX3 Transcript Variants. International Journal of Molecular Sciences, 2018, 19, 253.	4.1	8
17	Detection of HPV16 in Esophageal Cancer in a High-Incidence Region of Malawi. International Journal of Molecular Sciences, 2018, 19, 557.	4.1	14
18	Beta HPV38 oncoproteins act with a hit-and-run mechanism in ultraviolet radiation-induced skin carcinogenesis in mice. PLoS Pathogens, 2018, 14, e1006783.	4.7	86

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19	Gene expression analysis combined with functional genomics approach identifies ITIH5 as tumor suppressor gene in cervical carcinogenesis. Molecular Carcinogenesis, 2017, 56, 1578-1589.	2.7	14
20	Induction of dormancy in hypoxic human papillomavirus-positive cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E990-E998.	7.1	49
21	Identification of 12 new susceptibility loci for different histotypes of epithelial ovarian cancer. Nature Genetics, 2017, 49, 680-691.	21.4	356
22	Tribbles 2 mediates cisplatin sensitivity and DNA damage response in epithelial ovarian cancer. International Journal of Cancer, 2017, 141, 1600-1614.	5.1	31
23	Viral-Cellular DNA Junctions as Molecular Markers for Assessing Intra-Tumor Heterogeneity in Cervical Cancer and for the Detection of Circulating Tumor DNA. International Journal of Molecular Sciences, 2017, 18, 2032.	4.1	27
24	A comparative study of digital PCR and real-time qPCR for the detection and quantification of HPV mRNA in sentinel lymph nodes of cervical cancer patients. BMC Research Notes, 2017, 10, 532.	1.4	15
25	Performance of a methylation specific real-time PCR assay as a triage test for HPV-positive women. Clinical Epigenetics, 2017, 9, 118.	4.1	34
26	Germline whole exome sequencing and large-scale replication identifies FANCM as a likely high grade serous ovarian cancer susceptibility gene. Oncotarget, 2017, 8, 50930-50940.	1.8	43
27	Analyses of germline variants associated with ovarian cancer survival identify functional candidates at the 1q22 and 19p12 outcome loci. Oncotarget, 2017, 8, 64670-64684.	1.8	7
28	Rare ATAD5 missense variants in breast and ovarian cancer patients. Cancer Letters, 2016, 376, 173-177.	7.2	21
29	Platinum(<scp>ii</scp>) O,S complexes as potential metallodrugs against Cisplatin resistance. Dalton Transactions, 2016, 45, 18876-18891.	3.3	15
30	RUNX3 and CAMK2N1 hypermethylation as prognostic marker for epithelial ovarian cancer. International Journal of Cancer, 2016, 138, 217-228.	5.1	37
31	Genetic Risk Score Mendelian Randomization Shows that Obesity Measured as Body Mass Index, but not Waist:Hip Ratio, Is Causal for Endometrial Cancer. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 1503-1510.	2.5	64
32	Unusual mode of protein binding by a cytotoxic Ï€-arene ruthenium(<scp>ii</scp>) piano-stool compound containing an O,S-chelating ligand. Dalton Transactions, 2016, 45, 12283-12287.	3.3	31
33	Epithelialâ€“Mesenchymal Transition (EMT) Gene Variants and Epithelial Ovarian Cancer (EOC) Risk. Genetic Epidemiology, 2015, 39, 689-697.	1.3	22
34	Common Genetic Variation In Cellular Transport Genes and Epithelial Ovarian Cancer (EOC) Risk. PLoS ONE, 2015, 10, e0128106.	2.5	44
35	Network-Based Integration of GWAS and Gene Expression Identifies a HOX-Centric Network Associated with Serous Ovarian Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1574-1584.	2.5	28
36	Digital-Direct-RT-PCR: a sensitive and specific method for quantification of CTC in patients with cervical carcinoma. Scientific Reports, 2015, 4, 3970.	3.3	26

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37	Fine-mapping of the HNF1B multicancer locus identifies candidate variants that mediate endometrial cancer risk. Human Molecular Genetics, 2015, 24, 1478-1492.	2.9	50
38	Transcriptionally Active Regions Are the Preferred Targets for Chromosomal HPV Integration in Cervical Carcinogenesis. PLoS ONE, 2015, 10, e0119566.	2.5	36
39	Prognostic value of HPV-mRNA in sentinel lymph nodes of cervical cancer patients with pN0-status. Oncotarget, 2015, 6, 23015-23025.	1.8	15
40	Common Genetic Variation in Circadian Rhythm Genes and Risk of Epithelial Ovarian Cancer (EOC). Journal of Genetics and Genome Research, 2015, 2, .	0.3	25
41	A Promising DNA Methylation Signature for the Triage of High-Risk Human Papillomavirus DNA-Positive Women. PLoS ONE, 2014, 9, e91905.	2.5	63
42	GWAS meta-analysis and replication identifies three new susceptibility loci for ovarian cancer. Nature Genetics, 2013, 45, 362-370.	21.4	326
43	SORBS2 and TLR3 induce premature senescence in primary human fibroblasts and keratinocytes. BMC Cancer, 2013, 13, 507.	2.6	13
44	Multiplex Identification of Human Papillomavirus 16 DNA Integration Sites in Cervical Carcinomas. PLoS ONE, 2013, 8, e66693.	2.5	99
45	Detection of human papillomavirus oncoprotein E7 in liquid-based cytology. Journal of General Virology, 2012, 93, 356-363.	2.9	4
46	Genome-Wide Association Study for Ovarian Cancer Susceptibility Using Pooled DNA. Twin Research and Human Genetics, 2012, 15, 615-623.	0.6	8
47	Loss of gene function as a consequence of human papillomavirus DNA integration. International Journal of Cancer, 2012, 131, E593-602.	5.1	59
48	Non-Random Integration of the HPV Genome in Cervical Cancer. PLoS ONE, 2012, 7, e39632.	2.5	113
49	Two novel unbalanced whole arm translocations are frequently detected in cervical squamous cell carcinoma. Cancer Genetics, 2011, 204, 646-653.	0.4	5
50	Loss of BRCA1 Protein Expression as Indicator of the BRCAness Phenotype Is Associated With Favorable Overall Survival After Complete Resection of Sporadic Ovarian Cancer. International Journal of Gynecological Cancer, 2011, 21, 1399-1406.	2.5	16
51	An integrative functional genomic and gene expression approach revealed SORBS2 as a putative tumour suppressor gene involved in cervical carcinogenesis. Carcinogenesis, 2011, 32, 1100-1106.	2.8	22
52	Quantitative multiplex PCR assay for the detection of the seven clinically most relevant high-risk HPV types. Journal of Clinical Virology, 2009, 44, 302-307.	3.1	45
53	Multicenter Validation Study of the Sentinel Lymph Node Concept in Cervical Cancer: AGO Study Group. Journal of Clinical Oncology, 2008, 26, 2943-2951.	1.6	265
54	The Majority of Viral-Cellular Fusion Transcripts in Cervical Carcinomas Cotranscribe Cellular Sequences of Known or Predicted Genes. Cancer Research, 2008, 68, 2514-2522.	0.9	74

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55	HPV16-E6 mRNA is superior to cytokeratin 19 mRNA as a molecular marker for the detection of disseminated tumour cells in sentinel lymph nodes of patients with cervical cancer by quantitative reverse-transcription PCR. International Journal of Cancer, 2007, 120, 1842-1846.	5.1	32
56	A region on human chromosome 4 (q35.1â†'qter) induces senescence in cell hybrids and is involved in cervical carcinogenesis. Genes Chromosomes and Cancer, 2005, 43, 260-272.	2.8	21
57	Cumulative 5-year diagnoses of CIN2, CIN3 or cervical cancer after concurrent high-risk HPV and cytology testing in a primary screening setting. International Journal of Cancer, 2005, 116, 136-143.	5.1	32
58	Skin Hyperproliferation and Susceptibility to Chemical Carcinogenesis in Transgenic Mice Expressing E6 and E7 of Human Papillomavirus Type 38. Journal of Virology, 2005, 79, 14899-14908.	3.4	68
59	Detection of cancer-related gene expression profiles in severe cervical neoplasia. International Journal of Cancer, 2004, 112, 33-43.	5.1	28
60	Detection of disseminated tumor cells in patients with cervical cancer. Journal of Cancer Research and Clinical Oncology, 2002, 128, 329-335.	2.5	15
61	Detection of integrated papillomavirus sequences by ligation-mediated PCR (DIPS-PCR) and molecular characterization in cervical cancer cells. International Journal of Cancer, 2001, 92, 9-17.	5.1	143
62	Microcell-mediated transfer of chromosome 4 into HeLa cells suppresses telomerase activity. Genes Chromosomes and Cancer, 2001, 31, 196-198.	2.8	37
63	Detection of integrated papillomavirus sequences by ligationâ€mediated PCR (DIPSâ€PCR) and molecular characterization in cervical cancer cells. International Journal of Cancer, 2001, 92, 9-17.	5.1	2
64	Microcellâ€mediated transfer of chromosome 4 into HeLa cells suppresses telomerase activity. Genes Chromosomes and Cancer, 2001, 31, 196-198.	2.8	2
65	Screening for high-grade cervical intra-epithelial neoplasia and cancer by testing for high-risk HPV, routine cytology or colposcopy. International Journal of Cancer, 2000, 89, 529-534.	5.1	196
66	Screening for highâ€grade cervical intraâ€epithelial neoplasia and cancer by testing for highâ€risk HPV, routine cytology or colposcopy. International Journal of Cancer, 2000, 89, 529-534.	5.1	4
67	Identification of novel molecular markers which correlate with HPV-induced tumor progression. Oncogene, 1998, 16, 2447-2458.	5.9	34
68	Human papillomavirus type 16 (HPV 16) gene expression and DNA replication in cervical neoplasia: Analysis by in situ hybridization. Virology, 1992, 189, 132-140.	2.4	221
69	Inhibition of tumorigenicity of cervical cancer cells in nude mice by HPV e6-e7 anti-sense RNA. International Journal of Cancer, 1992, 51, 831-834.	5.1	226