Wilhelm Dirks

List of Publications by Year
in descending order

72 papers	3,719 citations	172457 29 h-index	149698 56 g-index
73 all docs	73 docs citations	73 times ranked	5409 citing authors

#	Article	IF	Citations
1	Short tandem repeat profiling provides an international reference standard for human cell lines. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 8012-8017.	7.1	428
2	Widespread intraspecies cross-contamination of human tumor cell lines arising at source. , 1999, 83, 555-563.		321
3	Fetal bovine serum (FBS): Past â€" present â€" future. ALTEX: Alternatives To Animal Experimentation, 2018, 35, 99-118.	1.5	231
4	False leukemiaâ€"lymphoma cell lines: an update on over 500 cell lines. Leukemia, 2003, 17, 416-426.	7.2	187
5	Highâ€throughput SNPâ€based authentication of human cell lines. International Journal of Cancer, 2013, 132, 308-314.	5.1	172
6	Dicistronic transcription units for gene expression in mammalian cells. Gene, 1993, 128, 247-249.	2.2	170
7	Match criteria for human cell line authentication: Where do we draw the line?. International Journal of Cancer, 2013, 132, 2510-2519.	5.1	148
8	Cell line OCI/AML3 bears exon-12 NPM gene mutation-A and cytoplasmic expression of nucleophosmin. Leukemia, 2005, 19, 1760-1767.	7.2	139
9	ECV304 (endothelial) is really T24 (bladder carcinoma): Cell line cross-contamination at source. In Vitro Cellular and Developmental Biology - Animal, 1999, 35, 558-559.	1.5	128
10	False human hematopoietic cell lines: cross-contaminations and misinterpretations. Leukemia, 1999, 13, 1601-1607.	7.2	113
11	Expression and functional analysis of the anaplastic lymphoma kinase (ALK) gene in tumor cell lines. International Journal of Cancer, 2002, 100, 49-56.	5.1	110
12	Recommendation of short tandem repeat profiling for authenticating human cell lines, stem cells, and tissues. In Vitro Cellular and Developmental Biology - Animal, 2010, 46, 727-732.	1.5	103
13	The oncoprotein NPM-ALK of anaplastic large-cell lymphoma induces JUNB transcription via ERK1/2 and JunB translation via mTOR signaling. Blood, 2007, 110, 3374-3383.	1.4	90
14	Cell line crossâ€contamination initiative: An interactive reference database of STR profiles covering common cancer cell lines. International Journal of Cancer, 2010, 126, 303-304.	5.1	83
15	Kaposi's sarcomaâ€derived cell line SLK is not of endothelial origin, but is a contaminant from a known renal carcinoma cell line. International Journal of Cancer, 2013, 132, 1954-1958.	5.1	80
16	The LL-100 panel: 100 cell lines for blood cancer studies. Scientific Reports, 2019, 9, 8218.	3.3	74
17	Identification of flubendazole as potential anti-neuroblastoma compound in a large cell line screen. Scientific Reports, 2015, 5, 8202.	3.3	68
18	Expression and function of CD95 (FAS/APO-1) in leukaemia-lymphoma tumour lines. British Journal of Haematology, 1997, 96, 584-593.	2.5	64

#	ARTICLE	IF	CITATIONS
19	STR DNA Typing of Human Cell Lines: Detection of Intra- and Interspecies Cross-Contamination. Methods in Molecular Biology, 2013, 946, 27-38.	0.9	54
20	Expression ofHOXGenes in Acute Leukemia Cell Lines with and withoutMLLTranslocations. Leukemia and Lymphoma, 2004, 45, 567-574.	1.3	51
21	Short tandem repeat DNA typing provides an international reference standard for authentication of human cell lines. ALTEX: Alternatives To Animal Experimentation, 2005, 22, 103-9.	1.5	51
22	Human Leukemia and Lymphoma Cell Lines as Models and Resources. Current Medicinal Chemistry, 2008, 15, 339-359.	2.4	45
23	False and mycoplasmaâ€contaminated leukemiaâ€"lymphoma cell lines: time for a reappraisal. International Journal of Cancer, 2017, 140, 1209-1214.	5.1	40
24	Differential Requirements for the RAD51 Paralogs in Genome Repair and Maintenance in Human Cells. PLoS Genetics, 2019, 15, e1008355.	3.5	39
25	Aurora Kinases as Targets in Drug-Resistant Neuroblastoma Cells. PLoS ONE, 2014, 9, e108758.	2.5	39
26	A multifunctional vector family for gene expression in mammalian cells. Gene, 1994, 149, 387-388.	2.2	37
27	Authentication of M14 melanoma cell line proves misidentification of MDAâ€MBâ€435 breast cancer cell line. International Journal of Cancer, 2018, 142, 561-572.	5.1	37
28	BLADDER CARCINOMA CELL LINE ECV304 IS NOT A MODEL SYSTEM FOR ENDOTHELIAL CELLS. In Vitro Cellular and Developmental Biology - Animal, 2002, 38, 185.	1.5	36
29	Identity of original and late passage Dami megakaryocytes with HEL erythroleukemia cells shown by combined cytogenetics and DNA fingerprinting. Leukemia, 1997, 11, 2032-2038.	7.2	35
30	Expression of the growth arrest-specific gene 6 (GAS6) in leukemia and lymphoma cell lines. Leukemia Research, 1999, 23, 643-651.	0.8	35
31	Hypomethylation and expression of BEX2, IGSF4 and TIMP3 indicative of MLL translocations in Acute Myeloid Leukemia. Molecular Cancer, 2009, 8, 86.	19.2	29
32	Small molecular modulators of JMJD1C preferentially inhibit growth of leukemia cells. International Journal of Cancer, 2020, 146, 400-412.	5.1	29
33	Tumor necrosis factor receptor-associated factor (TRAF) 4 is a new binding partner for the p70S6 serine/threonine kinase. Leukemia Research, 2003, 27, 687-694.	0.8	28
34	Frameshift-derived neoantigens constitute immunotherapeutic targets for patients with microsatellite-instable haematological malignancies. European Journal of Cancer, 2013, 49, 2587-2595.	2.8	28
35	KDM3B shows tumor-suppressive activity and transcriptionally regulates<i>HOXA1</i>through retinoic acid response elements in acute myeloid leukemia. Leukemia and Lymphoma, 2018, 59, 204-213.	1.3	25
36	U-2932: two clones in one cell line, a tool for the study of clonal evolution. Leukemia, 2013, 27, 1155-1164.	7.2	22

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37	Stable expression of MutLγ in human cells reveals no specific response to mismatched DNA, but distinct recruitment to damage sites. Journal of Cellular Biochemistry, 2013, 114, 2405-2414.	2.6	21
38	53BP1 and MDC1 foci formation in HT-1080 cells for low- and high-LET microbeam irradiations. Radiation and Environmental Biophysics, 2011, 50, 345-352.	1.4	20
39	Online Verification of Human Cell Line Identity by STR DNA Typing. Methods in Molecular Biology, 2011, 731, 45-55.	0.9	19
40	Cell line authentication: a necessity for reproducible biomedical research. EMBO Journal, 2022, 41, .	7.8	19
41	Quality of Cell Products: Authenticity, Identity, Genomic Stability and Status of Differentiation. Transfusion Medicine and Hemotherapy, 2010, 37, 2-2.	1.6	18
42	XRCC4 controls nuclear import and distribution of Ligase IV and exchanges faster at damaged DNA in complex with Ligase IV. DNA Repair, 2011, 10, 1232-1242.	2.8	18
43	Genomic Landscape of Primary Mediastinal B-Cell Lymphoma Cell Lines. PLoS ONE, 2015, 10, e0139663.	2.5	18
44	Epstein-Barr virus (EBV) activates NKL homeobox gene HLX in DLBCL. PLoS ONE, 2019, 14, e0216898.	2.5	17
45	Spatio-temporal regulation of the human licensing factor Cdc6 in replication and mitosis. Cell Cycle, 2015, 14, 1704-1715.	2.6	16
46	Tumor necrosis factor-α–induced proliferation requires synthesis of granulocyte-macrophage colony-stimulating factor. Experimental Hematology, 2000, 28, 1008-1015.	0.4	15
47	Cross-contamination: HS-Sultan is not a myeloma but a Burkitt lymphoma cell line. Blood, 2001, 98, 3495-3496.	1.4	15
48	A new hybrid promoter directs transcription at identical start points in mammalian cells and in vitro. Gene, 1994, 149, 389-390.	2.2	13
49	Association between acquired resistance to PLX4032 (vemurafenib) and ATP-binding cassette transporter expression. BMC Research Notes, 2014, 7, 710.	1.4	13
50	BCL6 - regulated by AhR/ARNT and wild-type MEF2B - drives expression of germinal center markers MYBL1 and LMO2. Haematologica, 2015, 100, 801-809.	3.5	13
51	DNA profiling and cytogenetic analysis of cell line WSU-CLL reveal cross-contamination with cell line REH (pre B-ALL). Leukemia, 2002, 16, 1868-1870.	7.2	12
52	Differential cytotoxicity induced by the Titanium(IV)Salan complex Tc52 in G2-phase independent of DNA damage. BMC Cancer, 2016, 16, 469.	2.6	11
53	RBFOX2 and alternative splicing in B-cell lymphoma. Blood Cancer Journal, 2018, 8, 77.	6.2	11
54	Cell Lines as Biological Models: Practical Steps for More Reliable Research. Chemical Research in Toxicology, 2019, 32, 1733-1736.	3.3	10

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55	Online imaging of initial DNA damages at the PTB microbeam. Radiation Protection Dosimetry, 2011, 143, 349-352.	0.8	9
56	One falsehood leads easily to another. International Journal of Cancer, 2008, 122, 2165-2168.	5.1	8
57	Cell line cross-contamination: WSU-CLL is a known derivative of REH and is unsuitable as a model for chronic lymphocytic leukaemia. Leukemia Research, 2014, 38, 999-1001.	0.8	7
58	The Human Tartrate-Resistant Acid Phosphatase (TRAP): Involvement of the Hemin Responsive Elements (HRE) in Transcriptional Regulation. Leukemia and Lymphoma, 2000, 36, 603-612.	1.3	6
59	Beware imposters: MAâ€1, a novel MALT lymphoma cell line, is misidentified and corresponds to Pfeiffer, a diffuse large Bâ€cell lymphoma cell line. Genes Chromosomes and Cancer, 2013, 52, 986-988.	2.8	5
60	Modulators of histone demethylase JMJD1C selectively target leukemic stem cells. FEBS Open Bio, 2021, 11, 265-277.	2.3	5
61	First report on establishment and characterization of a carcinosarcoma tumour cell line model of the bladder. Scientific Reports, 2021, 11, 6030.	3.3	5
62	Where have all the cell lines gone?. International Journal of Cancer, 2013, 132, 1232-1234.	5.1	4
63	BCRâ€"ABL1expression in multiple myeloma cells: A case of mistaken identity?. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E270-E271.	7.1	4
64	Localization of MLH3 at the Centrosomes. International Journal of Molecular Sciences, 2014, 15, 13932-13937.	4.1	4
65	Peripheral T-cell lymphoma cell line T8ML-1 highlights conspicuous targeting of PVRL2 by t(14;19)(q11.2;q13.3). Haematologica, 2017, 102, e356-e359.	3.5	3
66	Intact-Cell MALDI-ToF Mass Spectrometry for the Authentication of Drug-Adapted Cancer Cell Lines. Cells, 2019, 8, 1194.	4.1	3
67	DSMZCellDive: Diving into high-throughput cell line data. F1000Research, 0, 11, 420.	1.6	3
68	High level EGFR amplification in a newly established glioblastoma cell line 170-MG-BA. Neoplasma, 2019, 66, 109-117.	1.6	2
69	Crossâ€‰contamination meets misclassification: Awakening of <scp>CHP</scp>â€100 from sleeping beauty sleepâ€"A reviewed model for Ewing's sarcoma. International Journal of Cancer, 2021, 148, 2608-2613.	5.1	2
70	DNMT3A R882H mutation in acute myeloid leukemia cell line SET-2. Leukemia Research, 2020, 88, 106270.	0.8	1
71	2.5 Quality Control Essentials in Human Cell Culture: Cell Line Cross-contamination and Microbiological Infections. , 2014, , 102-114.		0
72	Ethical Challenges Using Human Tumor Cell Lines in Cancer Research. Recent Results in Cancer Research, 2021, 218, 39-46.	1.8	0