

Klaus Holzmann

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69
papers

1,929
citations

29
h-index

41
g-index

78
ext. papers

2,170
ext. citations

4.9
avg, IF

4.13
L-index

#	Paper	IF	Citations
69	Up-regulation of the fibroblast growth factor 8 subfamily in human hepatocellular carcinoma for cell survival and neoangiogenesis. <i>Hepatology</i> , 2011 , 53, 854-64	11.2	91
68	Fibroblast growth factor receptor-mediated signals contribute to the malignant phenotype of non-small cell lung cancer cells: therapeutic implications and synergism with epidermal growth factor receptor inhibition. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 3408-19	6.1	88
67	Cellular functions of vaults and their involvement in multidrug resistance. <i>Current Drug Targets</i> , 2006 , 7, 923-34	3	81
66	FGF5 as an oncogenic factor in human glioblastoma multiforme: autocrine and paracrine activities. <i>Oncogene</i> , 2008 , 27, 4180-90	9.2	66
65	The major vault protein is responsive to and interferes with interferon-gamma-mediated STAT1 signals. <i>Journal of Cell Science</i> , 2006 , 119, 459-69	5.3	66
64	Cloning and characterization of the gene for the thermostable xylanase XynA from <i>Thermomyces lanuginosus</i> . <i>Journal of Biotechnology</i> , 1996 , 49, 211-8	3.7	63
63	Expression of telomeres in astrocytoma WHO grade 2 to 4: TERRA level correlates with telomere length, telomerase activity, and advanced clinical grade. <i>Translational Oncology</i> , 2012 , 5, 56-65	4.9	57
62	Alternative Splicing of Fibroblast Growth Factor Receptor IgIII Loops in Cancer. <i>Journal of Nucleic Acids</i> , 2012 , 2012, 950508	2.3	56
61	Chromosomal imbalances in primary and metastatic melanomas: over-representation of essential telomerase genes. <i>Melanoma Research</i> , 2003 , 13, 483-92	3.3	56
60	Fibroblast growth factor receptor 3-IIIc mediates colorectal cancer growth and migration. <i>British Journal of Cancer</i> , 2010 , 102, 1145-56	8.7	55
59	Fibroblast growth factor receptors as therapeutic targets in human melanoma: synergism with BRAF inhibition. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 2087-95	4.3	54
58	FGF18 in colorectal tumour cells: autocrine and paracrine effects. <i>Carcinogenesis</i> , 2008 , 29, 15-24	4.6	54
57	Fibroblast growth factor receptor inhibition is active against mesothelioma and synergizes with radio- and chemotherapy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 763-72	10.2	45
56	Reassembling proteins and chaperones in human nuclear matrix protein fractions. <i>Journal of Cellular Biochemistry</i> , 1999 , 74, 145-151	4.7	43
55	Elevated Plasma Levels of Crosslinked Fibrinogen Gamma-chain Dimer Indicate Cancer-related Fibrin Deposition and Fibrinolysis. <i>Thrombosis and Haemostasis</i> , 2001 , 85, 494-501	7	41
54	Similarity between nuclear matrix proteins of various cells revealed by an improved isolation method. <i>Journal of Cellular Biochemistry</i> , 1998 , 71, 363-74	4.7	40
53	Low doses of widely consumed cannabinoids (cannabidiol and cannabidivarin) cause DNA damage and chromosomal aberrations in human-derived cells. <i>Archives of Toxicology</i> , 2019 , 93, 179-188	5.8	40

52	LINE-1 induces hTERT and ensures telomere maintenance in tumour cell lines. <i>Oncogene</i> , 2016 , 35, 94-104	4.2	38
51	Is fibroblast growth factor receptor 4 a suitable target of cancer therapy?. <i>Current Pharmaceutical Design</i> , 2014 , 20, 2881-98	3.3	38
50	High tRNA Transferase NSUN2 Gene Expression is Associated with Poor Prognosis in Head and Neck Squamous Carcinoma. <i>Cancer Investigation</i> , 2018 , 36, 246-253	2.1	38
49	Differential effects of polymorphic alleles of FGF receptor 4 on colon cancer growth and metastasis. <i>Cancer Research</i> , 2012 , 72, 5767-77	10.1	37
48	Identification and characterization of the ubiquitously occurring nuclear matrix protein NMP 238. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 252, 39-45	3.4	37
47	Major vault protein supports glioblastoma survival and migration by upregulating the EGFR/PI3K signalling axis. <i>Oncotarget</i> , 2013 , 4, 1904-18	3.3	37
46	Comprehensive immunohistochemical analysis of histone deacetylases in pancreatic neuroendocrine tumors: HDAC5 as a predictor of poor clinical outcome. <i>Human Pathology</i> , 2017 , 65, 41-52	3.7	36
45	New cellular tools reveal complex epithelial-mesenchymal interactions in hepatocarcinogenesis. <i>British Journal of Cancer</i> , 2008 , 99, 151-9	8.7	33
44	MNS16A tandem repeats minisatellite of human telomerase gene: a risk factor for colorectal cancer. <i>Carcinogenesis</i> , 2011 , 32, 866-71	4.6	32
43	Genetic damage following introduction of DNA in <i>Phycomyces</i> . <i>Fungal Genetics and Biology</i> , 2004 , 41, 168-80	3.9	32
42	Identification of human common nuclear-matrix proteins as heterogeneous nuclear ribonucleoproteins H and H _U by sequencing and mass spectrometry. <i>FEBS Journal</i> , 1997 , 244, 479-86		31
41	Molecular characterization and functional analysis in <i>Aspergillus nidulans</i> of the 5' region of the <i>Penicillium chrysogenum</i> isopenicillin N synthetase gene. <i>Journal of Biotechnology</i> , 1991 , 17, 67-80	3.7	30
40	Fibroblast growth factor receptor 3 isoforms: Novel therapeutic targets for hepatocellular carcinoma?. <i>Hepatology</i> , 2015 , 62, 1767-78	11.2	29
39	Fibroblast growth factor receptor 4: a putative key driver for the aggressive phenotype of hepatocellular carcinoma. <i>Carcinogenesis</i> , 2014 , 35, 2331-8	4.6	29
38	hNMP 200: a novel human common nuclear matrix protein combining structural and regulatory functions. <i>Experimental Cell Research</i> , 2000 , 261, 166-79	4.2	29
37	A human common nuclear matrix protein homologous to eukaryotic translation initiation factor 4A. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 267, 339-44	3.4	25
36	SP-transcription factors are involved in basal MVP promoter activity and its stimulation by HDAC inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 317, 235-43	3.4	23
35	The major vault protein mediates resistance to epidermal growth factor receptor inhibition in human hepatoma cells. <i>Cancer Letters</i> , 2012 , 319, 164-172	9.9	22

34	Epithelial splicing regulatory protein 1 and 2 paralogues correlate with splice signatures and favorable outcome in human colorectal cancer. <i>Oncotarget</i> , 2016 , 7, 73800-73816	3.3	22
33	Prostaglandin E(2) stimulates progression-related gene expression in early colorectal adenoma cells. <i>British Journal of Cancer</i> , 2006 , 94, 1718-25	8.7	21
32	Cloning, subcellular localization and functional expression of human RNase HII. <i>Biological Chemistry</i> , 1998 , 379, 1407-12	4.5	21
31	Fibroblast growth factor receptor 4 induced resistance to radiation therapy in colorectal cancer. <i>Oncotarget</i> , 2016 , 7, 69976-69990	3.3	21
30	Assessing 12(S)-lipoxygenase inhibitory activity using colorectal cancer cells overexpressing the enzyme. <i>Food and Chemical Toxicology</i> , 2007 , 45, 508-14	4.7	20
29	Epigenetic Regulation of Telomere Maintenance for Therapeutic Interventions in Gliomas. <i>Genes</i> , 2017 , 8,	4.2	19
28	FGF2 and EGF induce epithelial-mesenchymal transition in malignant pleural mesothelioma cells via a MAPKinase/MMP1 signal. <i>Carcinogenesis</i> , 2018 , 39, 534-545	4.6	18
27	Whole genome amplification for CGH analysis: Linker-adapter PCR as the method of choice for difficult and limited samples. <i>Cytometry</i> , 2004 , 61, 26-34		18
26	The combined use of known antiviral reverse transcriptase inhibitors AZT and DDI induce anticancer effects at low concentrations. <i>Neoplasia</i> , 2012 , 14, 44-53	6.4	17
25	A <i>Penicillium chrysogenum</i> gene (<i>aox</i>) identified by specific induction upon shifting pH encodes for a protein which shows high homology to fungal alcohol oxidases. <i>Current Genetics</i> , 2002 , 40, 339-44	2.9	17
24	FGF5 is expressed in melanoma and enhances malignancy and. <i>Oncotarget</i> , 2017 , 8, 87750-87762	3.3	17
23	Autocrine fibroblast growth factor 18 signaling mediates Wnt-dependent stimulation of CD44-positive human colorectal adenoma cells. <i>Molecular Carcinogenesis</i> , 2015 , 54, 789-799	5	16
22	Daytime levels of melatonin in patients with age-related macular degeneration. <i>Acta Ophthalmologica</i> , 2009 , 87, 89-93	3.7	16
21	Telomere Transcripts Target Telomerase in Human Cancer Cells. <i>Genes</i> , 2016 , 7,	4.2	13
20	FGF8 induces therapy resistance in neoadjuvantly radiated rectal cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019 , 145, 77-86	4.9	10
19	Irinotecan Upregulates Fibroblast Growth Factor Receptor 3 Expression in Colorectal Cancer Cells, Which Mitigates Irinotecan-Induced Apoptosis. <i>Translational Oncology</i> , 2017 , 10, 332-339	4.9	9
18	Canine and human sarcomas exhibit predominant FGFR1 expression and impaired viability after inhibition of signaling. <i>Molecular Carcinogenesis</i> , 2015 , 54, 841-52	5	9
17	A small upstream open reading frame causes inhibition of human major vault protein expression from a ubiquitous mRNA splice variant. <i>FEBS Letters</i> , 2001 , 494, 99-104	3.8	9

16	Interaction of FGF9 with FGFR3-IIIb/IIIc, a putative driver of growth and aggressive behaviour of hepatocellular carcinoma. <i>Liver International</i> , 2020 , 40, 2279-2290	7.9	8
15	Oncogenic c-H-ras deregulates survivin expression: an improvement for survival. <i>FEBS Letters</i> , 2007 , 581, 4921-6	3.8	8
14	Monitoring viral decontamination procedures with green fluorescent protein-expressing adenovirus. <i>Analytical Biochemistry</i> , 2006 , 355, 310-2	3.1	8
13	Alternative lengthening of telomeres does exist in various canine sarcomas. <i>Molecular Carcinogenesis</i> , 2017 , 56, 923-935	5	6
12	MNS16A tandem repeat minisatellite of human telomerase gene: functional studies in colorectal, lung and prostate cancer. <i>Oncotarget</i> , 2017 , 8, 28021-28027	3.3	6
11	Long interspersed element-1 ribonucleoprotein particles protect telomeric ends in alternative lengthening of telomeres dependent cells. <i>Neoplasia</i> , 2020 , 22, 61-75	6.4	6
10	A bicistronic baculovirus vector for transient and stable protein expression in mammalian cells. <i>Analytical Biochemistry</i> , 2008 , 380, 146-8	3.1	4
9	Detection and quantification of transcripts for the catalytic subunit TERT and the RNA component of telomerase in rat tissue. <i>Analytical Biochemistry</i> , 2003 , 317, 120-3	3.1	4
8	Targeting fibroblast growth factor receptors to combat aggressive ependymoma. <i>Acta Neuropathologica</i> , 2021 , 142, 339-360	14.3	4
7	Impact of extended working periods on genomic and telomeric DNA and on inflammatory markers: Results of an intervention study with office workers and carpenters. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018 , 836, 78-81	3	2
6	The C-Circle Biomarker Is Secreted by Alternative-Lengthening-of-Telomeres Positive Cancer Cells inside Exosomes and Provides a Blood-Based Diagnostic for ALT Activity. <i>Cancers</i> , 2021 , 13,	6.6	2
5	Microscopic analysis of adenoviral decontamination using GFP adenovirus with comparable sensitivity to flow cytometry. <i>Methods in Molecular Biology</i> , 2009 , 515, 125-35	1.4	2
4	Hot Spot TERT Promoter Mutations Are Rare in Sporadic Pancreatic Neuroendocrine Neoplasms and Associated with Telomere Length and Epigenetic Expression Patterns. <i>Cancers</i> , 2020 , 12,	6.6	1
3	A novel spliced transcript of human CLAPS2 encoding a protein alternative to clathrin adaptor protein AP17. <i>Gene</i> , 1998 , 220, 39-44	3.8	1
2	Prevalence and potentially prognostic value of C-circles associated with alternative lengthening of telomeres in canine appendicular osteosarcoma. <i>Veterinary and Comparative Oncology</i> , 2021 , 19, 222-231	7.5	1
1	Micronucleus assays with the human derived liver cell line (Huh6): A promising approach to reduce the use of laboratory animals in genetic toxicology. <i>Food and Chemical Toxicology</i> , 2021 , 154, 112355	4.7	0