

Matthias Kappler

List of Publications by Year in descending order

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86
papers

2,553
citations

159585

30
h-index

214800

47
g-index

95
all docs

95
docs citations

95
times ranked

3829
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiparametric immune profiling in HPV ⁺ oral squamous cell cancer. JCI Insight, 2017, 2, .	5.0	149
2	Expression of the stem cell self-renewal gene Hiwi and risk of tumour-related death in patients with soft-tissue sarcoma. Oncogene, 2007, 26, 1098-1100.	5.9	123
3	Knockdown of survivin expression by small interfering RNA reduces the clonogenic survival of human sarcoma cell lines independently of p53. Cancer Gene Therapy, 2004, 11, 186-193.	4.6	103
4	Significance ofHDMX-S (orMDM4) mRNA splice variant overexpression andHDMX gene amplification on primary soft tissue sarcoma prognosis. International Journal of Cancer, 2005, 117, 469-475.	5.1	88
5	Increased survivin transcript levels: An independent negative predictor of survival in soft tissue sarcoma patients. International Journal of Cancer, 2001, 95, 360-363.	5.1	86
6	HIF-1 α inhibition by siRNA or chetomin in human malignant glioma cells: effects on hypoxic radioresistance and monitoring via CA9 expression. BMC Cancer, 2010, 10, 605.	2.6	85
7	Co-expression of survivin and TERT and risk of tumour-related death in patients with soft-tissue sarcoma. Lancet, The, 2002, 359, 943-945.	13.7	83
8	Detection and Specific Targeting of Hypoxic Regions within Solid Tumors: Current Preclinical and Clinical Strategies. Current Medicinal Chemistry, 2008, 15, 322-338.	2.4	81
9	Clinical relevance of the tumor microenvironment and immune escape of oral squamous cell carcinoma. Journal of Translational Medicine, 2016, 14, 85.	4.4	79
10	Amplification of themdm2 gene, but not expression of splice variants ofmdm2 mrna, is associated with prognosis in soft tissue sarcoma. International Journal of Cancer, 2001, 95, 168-175.	5.1	76
11	The Role of Survivin for Radiation Therapy. Strahlentherapie Und Onkologie, 2007, 183, 593-599.	2.0	74
12	Elevated expression level of survivin protein in soft-tissue sarcomas is a strong independent predictor of survival. Clinical Cancer Research, 2003, 9, 1098-104.	7.0	58
13	Prognostic Impact of HIF-1 α Expression in Patients with Definitive Radiotherapy for Cervical Cancer. Strahlentherapie Und Onkologie, 2008, 184, 169-174.	2.0	56
14	Correlation of expression of hypoxia-related proteins with prognosis in oral squamous cell carcinoma patients. Oral and Maxillofacial Surgery, 2012, 16, 189-196.	1.3	56
15	Expression of <i>microRNA 210</i> associates with poor survival and age of tumor onset of soft-tissue sarcoma patients. International Journal of Cancer, 2012, 130, 1230-1235.	5.1	52
16	Gains of 13q are correlated with a poor prognosis in liposarcoma. Modern Pathology, 2005, 18, 638-644.	5.5	49
17	Stem cell-associated genes are extremely poor prognostic factors for soft-tissue sarcoma patients. Oncogene, 2007, 26, 7170-7174.	5.9	47
18	Co-expression of Hif1 α and CAIX is associated with poor prognosis in oral squamous cell carcinoma patients. Journal of Oral Pathology and Medicine, 2010, 39, 313-317.	2.7	47

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19	Co-detection of members of the urokinase plasminogen activator system in tumour tissue and serum correlates with a poor prognosis for soft-tissue sarcoma patients. <i>British Journal of Cancer</i> , 2010, 102, 731-737.	6.4	43
20	Immunohistochemical Detection of HIF-1 \pm and CAIX in Advanced Head-and-Neck Cancer. <i>Strahlentherapie Und Onkologie</i> , 2008, 184, 393-399.	2.0	38
21	Increased betulinic acid induced cytotoxicity and radiosensitivity in glioma cells under hypoxic conditions. <i>Radiation Oncology</i> , 2011, 6, 111.	2.7	37
22	Elevated expression of survivin-splice variants predicts a poor outcome for soft-tissue sarcomas patients. <i>Oncogene</i> , 2005, 24, 5258-5261.	5.9	36
23	Effects of osteopontin inhibition on radiosensitivity of MDA-MB-231 breast cancer cells. <i>Radiation Oncology</i> , 2010, 5, 82.	2.7	36
24	Salivary miR-93 and miR-200a as post-radiotherapy biomarkers in head and neck squamous cell carcinoma. <i>Oncology Reports</i> , 2017, 38, 1268-1275.	2.6	36
25	Oxygen Sensing, Homeostasis, and Disease. <i>New England Journal of Medicine</i> , 2011, 365, 1845-1846.	27.0	35
26	RNA-Binding Proteins as Regulators of Migration, Invasion and Metastasis in Oral Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6835.	4.1	34
27	IDH1R132H mutation causes a less aggressive phenotype and radiosensitizes human malignant glioma cells independent of the oxygenation status. <i>Radiotherapy and Oncology</i> , 2015, 116, 381-387.	0.6	33
28	Radiosensitization, after a combined treatment of survivin siRNA and irradiation, is correlated with the activation of caspases 3 and 7 in a wt-p53 sarcoma cell line, but not in a mt-p53 sarcoma cell line. <i>Oncology Reports</i> , 2005, 13, 167-72.	2.6	33
29	The real face of HIF1 \pm in the tumor process. <i>Cell Cycle</i> , 2012, 11, 3932-3936.	2.6	31
30	Osteopontin and splice variant expression level in human malignant glioma: Radiobiologic effects and prognosis after radiotherapy. <i>Radiotherapy and Oncology</i> , 2013, 108, 535-540.	0.6	31
31	Elevated tumor and serum levels of the hypoxia-associated protein osteopontin are associated with prognosis for soft tissue sarcoma patients. <i>BMC Cancer</i> , 2010, 10, 132.	2.6	30
32	Betulinic Acid Derivatives NVX-207 and B10 for Treatment of Glioblastoma – An in Vitro Study of Cytotoxicity and Radiosensitization. <i>International Journal of Molecular Sciences</i> , 2014, 15, 19777-19790.	4.1	30
33	Expression of survivin detected by immunohistochemistry in the cytoplasm and in the nucleus is associated with prognosis of leiomyosarcoma and synovial sarcoma patients. <i>BMC Cancer</i> , 2010, 10, 65.	2.6	27
34	Normoxic accumulation of HIF1 \pm is associated with glutaminolysis. <i>Clinical Oral Investigations</i> , 2017, 21, 211-224.	3.0	27
35	Gains of 12q are the most frequent genomic imbalances in adult fibrosarcoma and are correlated with a poor outcome. <i>Genes Chromosomes and Cancer</i> , 2002, 34, 69-77.	2.8	26
36	The effects of knockdown of wild-type survivin, survivin-2B or survivin- Δ 3 on the radiosensitization in a soft tissue sarcoma cells in vitro under different oxygen conditions. <i>Cancer Gene Therapy</i> , 2007, 14, 994-1001.	4.6	25

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37	Survivin protein expression and hypoxia in advanced cervical carcinoma of patients treated by radiotherapy. <i>Gynecologic Oncology</i> , 2007, 104, 139-144.	1.4	24
38	High coexpression of <i>CCL2</i> and <i>CX3CL1</i> is gender-specifically associated with good prognosis in soft tissue sarcoma patients. <i>International Journal of Cancer</i> , 2014, 135, 2096-2106.	5.1	23
39	mRNA expression levels of hypoxia-induced and stem cell-associated genes in human glioblastoma. <i>Oncology Reports</i> , 2015, 33, 3155-3161.	2.6	23
40	Targeting of EGFR and HER2 with therapeutic antibodies and siRNA. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 180-191.	2.0	22
41	Reduced expression of hMSH2 protein is correlated to poor survival for soft tissue sarcoma patients. <i>Cancer</i> , 2003, 97, 2273-2278.	4.1	21
42	Expression of human Piwi-like genes is associated with prognosis for soft tissue sarcoma patients. <i>BMC Cancer</i> , 2012, 12, 272.	2.6	21
43	P4HA1: A single-gene surrogate of hypoxia signatures in oral squamous cell carcinoma patients. <i>Clinical and Translational Radiation Oncology</i> , 2017, 5, 6-11.	1.7	21
44	Identification of lymphocyte cell-specific protein-tyrosine kinase (LCK) as a driver for invasion and migration of oral cancer by tumor heterogeneity exploitation. <i>Molecular Cancer</i> , 2021, 20, 88.	19.2	21
45	A novel splice variant of the stem cell marker LGR5/GPR49 is correlated with the risk of tumor-related death in soft-tissue sarcoma patients. <i>BMC Cancer</i> , 2011, 11, 429.	2.6	20
46	Investigation of the Prognostic Role of Carbonic Anhydrase 9 (CAIX) of the Cellular mRNA/Protein Level or Soluble CAIX Protein in Patients with Oral Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 375.	4.1	20
47	Immune Escape Mechanisms and Their Clinical Relevance in Head and Neck Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7032.	4.1	20
48	Current Understanding of the HIF-1-Dependent Metabolism in Oral Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6083.	4.1	20
49	Prognostic impact of mRNA levels of osteopontin splice variants in soft tissue sarcoma patients. <i>BMC Cancer</i> , 2012, 12, 131.	2.6	19
50	Causes and Consequences of A Glutamine Induced Normoxic HIF1 Activity for the Tumor Metabolism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4742.	4.1	19
51	Radiosensitization, after a combined treatment of survivin siRNA and irradiation, is correlated with the activation of caspases 3 and 7 in a wt-p53 sarcoma cell line, but not in a mt-p53 sarcoma cell line. <i>Oncology Reports</i> , 0, , .	2.6	18
52	miR-199a-5p regulates HIF-1 α and OSGIN2 and its expression is correlated to soft-tissue sarcoma patients' outcome. <i>Oncology Letters</i> , 2016, 12, 5281-5288.	1.8	16
53	CMG2 Expression Is an Independent Prognostic Factor for Soft Tissue Sarcoma Patients. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2648.	4.1	14
54	DRH1 "a novel blood-based HPV tumour marker. <i>EBioMedicine</i> , 2020, 56, 102804.	6.1	12

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55	Current aspects of salivary gland tumors - a systematic review of the literature. <i>GMS Interdisciplinary Plastic and Reconstructive Surgery DGPW</i> , 2019, 8, Doc12.	0.1	12
56	Loss of Heterozygosity at 12q14-15 Often Occurs in Stage I Soft Tissue Sarcomas and Is Associated with MDM2 Amplification in Tumors at Various Stages. <i>Modern Pathology</i> , 2003, 16, 1109-1116.	5.5	11
57	Combined mRNA expression levels of members of the urokinase plasminogen activator (uPA) system correlate with disease-associated survival of soft-tissue sarcoma patients. <i>BMC Cancer</i> , 2011, 11, 273.	2.6	11
58	Prospective evaluation of hydroxychloroquine in pediatric interstitial lung diseases: Study protocol for an investigator-initiated, randomized controlled, parallel-group clinical trial. <i>Trials</i> , 2020, 21, 307.	1.6	11
59	SARS-CoV-2 Triggering Severe Acute Respiratory Distress Syndrome and Secondary Hemophagocytic Lymphohistiocytosis in a 3-Year-Old Child With Down Syndrome. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, 543-546.	1.3	11
60	Tumor Microenvironment, HLA Class I and APM Expression in HPV-Negative Oral Squamous Cell Carcinoma. <i>Cancers</i> , 2021, 13, 620.	3.7	11
61	Association of p53 mutations, microvessel density and neoangiogenesis in pairs of colorectal cancers and corresponding liver metastases. <i>International Journal of Oncology</i> , 2002, 21, 243-9.	3.3	11
62	Expression of alternatively and aberrantly spliced transcripts of the MDM2 mRNA is not tumor-specific. <i>International Journal of Oncology</i> , 2004, 24, 143-51.	3.3	9
63	Association of HDM2 Transcript Levels with Age of Onset and Prognosis in Soft Tissue Sarcomas. <i>Molecular Cancer Research</i> , 2008, 6, 1575-1581.	3.4	9
64	MiR-155-5p and MiR-203a-3p Are Prognostic Factors in Soft Tissue Sarcoma. <i>Cancers</i> , 2020, 12, 2254.	3.7	9
65	Case Report: Unilateral Sixth Cranial Nerve Palsy Associated With COVID-19 in a 2-year-old Child. <i>Frontiers in Pediatrics</i> , 2021, 9, 756014.	1.9	9
66	Low HIF-1 α and low EGFR mRNA Expression Significantly Associate with Poor Survival in Soft Tissue Sarcoma Patients; the Proteins React Differently. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3842.	4.1	8
67	Evaluation of the Betulinic Acid α -Cisplatin conjugate APC and its precursor DE9B for the treatment of human malignant glioma. <i>Chemico-Biological Interactions</i> , 2019, 314, 108841.	4.0	8
68	Inverse prognostic impact of ErbB2 mRNA and protein expression level in tumors of soft tissue sarcoma patients. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 912-918.	2.0	7
69	Prognostic impact of mRNA levels of LGR5 transcript variants in OSCC patients. <i>BMC Cancer</i> , 2019, 19, 155.	2.6	7
70	Comorbidity and long-term clinical outcome of laryngotracheal clefts types III and IV: Systematic analysis of new cases. <i>Pediatric Pulmonology</i> , 2021, 56, 138-144.	2.0	7
71	Prediction of regulatory targets of alternative isoforms of the epidermal growth factor receptor in a glioblastoma cell line. <i>BMC Bioinformatics</i> , 2019, 20, 434.	2.6	6
72	Insights Into Patient Variability During Ivacaftor-Lumacaftor Therapy in Cystic Fibrosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 577263.	3.5	6

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73	Pulmonary alveolar proteinosis due to heterozygous mutation in <i>OAS1</i> : Whole lung lavages for long-term bridging to hematopoietic stem cell transplantation. <i>Pediatric Pulmonology</i> , 2022, 57, 273-277.	2.0	5
74	Acute exacerbations in children's interstitial lung disease. <i>Thorax</i> , 2022, 77, 799-804.	5.6	5
75	Are overexpressed alternative survivin transcripts in human bladder cancer suitable targets for siRNA-mediated in vitro inhibition?. <i>International Journal of Oncology</i> , 2007, 30, 1317-24.	3.3	4
76	GP88/PGRN Serum Levels Are Associated with Prognosis for Oral Squamous Cell Carcinoma Patients. <i>Biology</i> , 2021, 10, 400.	2.8	4
77	Prognostic impact of cytoplasmatic EGFR upregulation in patients with oral squamous cell carcinoma: A pilot study. <i>Molecular and Clinical Oncology</i> , 2020, 13, 1-1.	1.0	4
78	A Mbol polymorphism in exon 11 of the human MDM2 gene occurring in normal blood donors and in soft tissue sarcoma patients: an indication for an increased cancer susceptibility?. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 456, 39-44.	1.0	3
79	Radiosensitization in sarcoma cell lines with a p53 missense mutation correlates with prevention of irradiation G2/M arrest but not with induction of apoptosis. <i>Oncology Reports</i> , 2001, 8, 1007-11.	2.6	3
80	Cumulative suppressive index as a predictor of relapse free survival and overall survival in Human Papilloma Virus -negative oral squamous cell carcinomas with negative resection margins. <i>Head and Neck</i> , 2021, 43, 568-576.	2.0	3
81	Growth reduction of a xenotransplanted human soft tissue sarcoma by MDM2 antisense therapy via implanted osmotic minipumps. <i>International Journal of Oncology</i> , 2002, 20, 1087.	3.3	2
82	Growth reduction of a xenotransplanted human soft tissue sarcoma by MDM2 antisense therapy via implanted osmotic minipumps. <i>International Journal of Oncology</i> , 2002, 20, 1087-93.	3.3	1
83	New molecular aspects in the mechanism of oromaxillofacial cleft prevention by B-vitamins. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 2058-2062.	1.7	0
84	Modulation of a Stem Cell Gene: LGR4 Knockout in a Human Cell Line by CRISPR/Cas Method. <i>Methods in Molecular Biology</i> , 2021, 2269, 255-268.	0.9	0
85	Radiosensitization of a human soft tissue sarcoma cell line US8-93 (mt-p53) with the oxidizer sodium peroxodisulfate. <i>Oncology Reports</i> , 0, , .	2.6	0
86	Prognostic impact of cytoplasmatic EGFR upregulation in patients with oral squamous cell carcinoma: A pilot study. <i>Molecular and Clinical Oncology</i> , 2020, 13, 88.	1.0	0