Regine Schneider-Stock

List of Publications by Year
in descending order

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84 papers	6,773 citations	126907 33 h-index	60623 81 g-index
89 all docs	89 docs citations	89 times ranked	14048 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Histone deacetylase inhibitors: Signalling towards p21cip1/waf1. International Journal of Biochemistry and Cell Biology, 2007, 39, 1367-1374.	2.8	245
3	Reactive oxygen species mediate thymoquinone-induced apoptosis and activate ERK and JNK signaling. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 183-195.	4.9	240
4	Thymoquinone: fifty years of success in the battle against cancer models. Drug Discovery Today, 2014, 19, 18-30.	6.4	176
5	Lack of p53 augments thymoquinone-induced apoptosis and caspase activation in human osteosarcoma cells. Cancer Biology and Therapy, 2007, 6, 160-169.	3.4	169
6	High Prognostic Value of p16^{INK4} Alterations in Gastrointestinal Stromal Tumors. Journal of Clinical Oncology, 2003, 21, 1688-1697.	1.6	145
7	Thymoquinone Triggers Inactivation of the Stress Response Pathway SensorCHEK1and Contributes to Apoptosis in Colorectal Cancer Cells. Cancer Research, 2008, 68, 5609-5618.	0.9	145
8	Thymoquinone reduces mouse colon tumor cell invasion and inhibits tumor growth in murine colon cancer models. Journal of Cellular and Molecular Medicine, 2008, 12, 330-342.	3.6	137
9	Spectrum of KIT/PDGFRA/BRAF mutations and Phosphatidylinositol-3-Kinase pathway gene alterations in gastrointestinal stromal tumors (GIST). Cancer Letters, 2011, 312, 43-54.	7.2	125
10	Gastrointestinal Stromal Tumors with Internal Tandem Duplications in 3' End of KIT Juxtamembrane Domain Occur Predominantly in Stomach and Generally Seem to Have a Favorable Course. Modern Pathology, 2003, 16, 1257-1264.	5.5	104
11	Thymoquinone extracted from black seed triggers apoptotic cell death in human colorectal cancer cells via a p53-dependent mechanism. International Journal of Oncology, 2004, 25, 857-66.	3.3	89
12	KIT 1530ins6 mutation defines a subset of predominantly malignant gastrointestinal stromal tumors of intestinal origin1 1The opinions and assertions contained herein are the expressed views of the authors and are not to be construed as official or reflecting the views of the Departments of the Army or Defense.. Human Pathology, 2003, 34, 1306-1312.	2.0	87
13	Loss of p16 protein defines high-risk patients with gastrointestinal stromal tumors: a tissue microarray study. Clinical Cancer Research, 2005, 11, 638-45.	7.0	77
14	DAPK plays an important role in panobinostat-induced autophagy and commits cells to apoptosis under autophagy deficient conditions. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 1300-1315.	4.9	68
15	Synthesis of Novel Hybrids of Thymoquinone and Artemisinin with High Activity and Selectivity Against Colon Cancer. ChemMedChem, 2017, 12, 226-234.	3.2	67
16	Defective Autophagosome Formation in p53-Null Colorectal Cancer Reinforces Crocin-Induced Apoptosis. International Journal of Molecular Sciences, 2015, 16, 1544-1561.	4.1	66
17	Mdm2 Gene Amplification in Gastric Cancer Correlation with Expression of Mdm2 Protein and p53 Alterations. Modern Pathology, 2000, 13, 621-626.	5.5	65
18	DAPK promotor methylation is an early event in colorectal carcinogenesis. Cancer Letters, 2006, 240, 69-75.	7.2	62

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19	Retention of the Arginine Allele in Codon 72 of the p53 Gene Correlates with Poor Apoptosis in Head and Neck Cancer. American Journal of Pathology, 2004, 164, 1233-1241.	3.8	58
20	EMT transcription factor ZEB1 alters the epigenetic landscape of colorectal cancer cells. Cell Death and Disease, 2020, 11, 147.	6.3	58
21	The anticancer effect of saffron in two p53 isogenic colorectal cancer cell lines. BMC Complementary and Alternative Medicine, 2012, 12, 69.	3.7	55
22	Biofabrication of 3D Alginate-Based Hydrogel for Cancer Research: Comparison of Cell Spreading, Viability, and Adhesion Characteristics of Colorectal HCT116 Tumor Cells. Tissue Engineering - Part C: Methods, 2016, 22, 708-715.	2.1	54
23	miRNA-26b Overexpression in Ulcerative Colitis-associated Carcinogenesis. Inflammatory Bowel Diseases, 2015, 21, 2039-2051.	1.9	53
24	Thymoquinone-induced conformational changes of PAK1 interrupt prosurvival MEK-ERK signaling in colorectal cancer. Molecular Cancer, 2014, 13, 201.	19.2	50
25	Combination of 5-fluorouracil and thymoquinone targets stem cell gene signature in colorectal cancer cells. Cell Death and Disease, 2019, 10, 379.	6.3	48
26	Selective Loss of Codon 72 Proline p53 and Frequent Mutational Inactivation of the Retained Arginine Allele in Colorectal Cancer. Neoplasia, 2004, 6, 529-535.	5.3	43
27	DAPK1 loss triggers tumor invasion in colorectal tumor cells. Cell Death and Disease, 2019, 10, 895.	6.3	41
28	Thymoquinone induces apoptosis in malignant T-cells via generation of ROS. Frontiers in Bioscience - Elite, 2013, E5, 706-719.	1.8	39
29	The activating transcription factor 2: an influencer of cancer progression. Mutagenesis, 2019, 34, 375-389.	2.6	39
30	The pan-deacetylase inhibitor panobinostat inhibits growth of hepatocellular carcinoma models by alternative pathways of apoptosis. Cellular Oncology, 2010, 32, 285-300.	1.9	38
31	Elevated telomerase activity,c-MYC-, andhTERTmRNA expression: association with tumour progression in malignant lipomatous tumours. Journal of Pathology, 2003, 199, 517-525.	4.5	37
32	Aberrant methylation of DAPK in long-standing ulcerative colitis and ulcerative colitis-associated carcinoma. Pathology Research and Practice, 2010, 206, 616-624.	2.3	37
33	DNA methylation and chromatin modifiers in colorectal cancer. Molecular Aspects of Medicine, 2019, 69, 73-92.	6.4	34
34	On telomere shortening in soft-tissue tumors. Journal of Cancer Research and Clinical Oncology, 1998, 124, 165-171.	2.5	31
35	Transcription control of DAPK. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 298-305.	4.9	29
36	DAPK and cytoskeleton-associated functions. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 329-338.	4.9	27

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37	Generation and characterization of hepatocellular carcinoma cell lines with enhanced cancer stem cell potential. Journal of Cellular and Molecular Medicine, 2018, 22, 6238-6248.	3.6	27
38	Loss of enhancer of zeste homologue 2 (EZH2) at tumor invasion front is correlated with higher aggressiveness in colorectal cancer cells. Journal of Cancer Research and Clinical Oncology, 2019, 145, 2227-2240.	2.5	27
39	The CAM Assay as an Alternative In Vivo Model for Drug Testing. Handbook of Experimental Pharmacology, 2020, 265, 303-323.	1.8	27
40	High telomerase activity and high HTRT mRNA expression differentiate pure myxoid and myxoid/round-cell liposarcomas. International Journal of Cancer, 2000, 89, 63-68.	5.1	26
41	Cutting edge: Chk1 directs senescence and mitotic catastrophe in recovery from G2 checkpoint arrest. Journal of Cellular and Molecular Medicine, 2011, 15, 1528-1541.	3.6	26
42	Cytoplasmic p21 Mediates 5-Fluorouracil Resistance by Inhibiting Pro-Apoptotic Chk2. Cancers, 2018, 10, 373.	3.7	25
43	Significance of loss of heterozygosity of theRB1gene during tumour progression in well-differentiated liposarcomas. Journal of Pathology, 2002, 197, 654-660.	4.5	23
44	DAP-kinaseâ€"Protector or enemy in apoptotic cell death. International Journal of Biochemistry and Cell Biology, 2005, 37, 1763-1767.	2.8	22
45	Identification of DAPK as a scaffold protein for the LIMK/cofilin complex in TNF-induced apoptosis. International Journal of Biochemistry and Cell Biology, 2013, 45, 1720-1729.	2.8	22
46	Uptake, delivery, and anticancer activity ofÂthymoquinone nanoparticles in breast cancer cells. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	22
47	Epigenetic Regulation of p21cip1/waf1 in Human Cancer. Cancers, 2019, 11, 1343.	3.7	22
48	Telomeric lengths and telomerase activity in liposarcomas. Molecular Carcinogenesis, 1999, 24, 144-151.	2.7	20
49	DAPK-HSF1 interaction as a new positive feedback loop for TNF-induced apoptosis in colorectal cancer cells. Journal of Cell Science, 2014, 127, 5273-87.	2.0	20
50	Death-associated protein kinase: A molecule with functional antagonistic duality and a potential role in inflammatory bowel disease (Review). International Journal of Oncology, 2015, 47, 5-15.	3.3	20
51	Gene expression and promoter methylation of angiogenic and lymphangiogenic factors as prognostic markers in melanoma. Molecular Oncology, 2019, 13, 1433-1449.	4.6	20
52	ATF2 knockdown reinforces oxidative stressâ€induced apoptosis in TE7 cancer cells. Journal of Cellular and Molecular Medicine, 2013, 17, 976-988.	3.6	19
53	Carboraneâ€Based Analogues of 5â€Lipoxygenase Inhibitors Coâ€inhibit Heat Shock Protein 90 in HCT116 Cells. ChemMedChem, 2019, 14, 255-261.	3.2	18
54	Analysis of human telomerase reverse transcriptase mRNA (hTERT) expression in myxoid liposarcomas using LightCycler real-time quantitative reverse transcriptase-polymerase chain reaction. Electrophoresis, 2001, 22, 1098-1101.	2.4	17

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55	Gliomatosis cerebri: post-mortem molecular and immunohistochemical analyses in a case treated with thalidomide. Journal of Neuro-Oncology, 2001, 55, 11-17.	2.9	17
56	Expression of multidrug-resistance-associated protein gene in human soft-tissue sarcomas. Journal of Cancer Research and Clinical Oncology, 1996, 122, 161-165.	2.5	15
57	Improved detection of P53 mutations in soft tissue tumors using new gel composition for automated nonradioactive analysis of single-strand conformation polymorphism. Electrophoresis, 1997, 18, 2849-2851.	2.4	15
58	New Oleoyl Hybrids of Natural Antioxidants: Synthesis and In Vitro Evaluation as Inducers of Apoptosis in Colorectal Cancer Cells. Antioxidants, 2020, 9, 1077.	5.1	14
59	DAPK loss in colon cancer tumor buds: implications for migration capacity of disseminating tumor cells. Oncotarget, 2015, 6, 36774-36788.	1.8	14
60	Death-associated kinase (DAPK): a cancer â€œgene chameleonâ€• Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 285-285.	4.9	13
61	Identification of miRNA-mRNA Modules in Colorectal Cancer Using Rough Hypercuboid Based Supervised Clustering. Scientific Reports, 2017, 7, 42809.	3.3	13
62	Gallotannin is a DNA damaging compound that induces senescence independently of p53 and p21 in human colon cancer cells. Molecular Carcinogenesis, 2015, 54, 1037-1050.	2.7	12
63	SIRT1 regulates Mxd1 during malignant melanoma progression. Oncotarget, 2017, 8, 114540-114553.	1.8	12
64	HSP90 inhibition blocks ERBB3 and RET phosphorylation in myxoid/round cell liposarcoma and causes massive cell deathin vitroandin vivo. Oncotarget, 2016, 7, 433-445.	1.8	12
65	ATF2 loss promotes tumor invasion in colorectal cancer cells via upregulation of cancer driver TROP2. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	12
66	Pathogenetic Implications of BRAF Mutation Distribution in Stage IV Melanoma Patients. Dermatology, 2015, 231, 127-133.	2.1	10
67	Hsp90 inhibition by AUY922 as an effective treatment strategy against myxoid liposarcoma. Cancer Letters, 2015, 367, 147-156.	7.2	9
68	Differences in loss of p16INK4 protein expression by promoter methylation between left- and right-sided primary colorectal carcinomas. International Journal of Oncology, 2003, 23, 1009-13.	3.3	9
69	Apoptosis Signalling Activated by TNF in the Lower Gastrointestinal Tract-Review. Current Pharmaceutical Biotechnology, 2012, 13, 2248-2258.	1.6	8
70	Absolute quantification of DcR3 and <scp>GDF</scp>15 from human serum by <scp>LC</scp>â€<scp>ESI MS</scp>. Journal of Cellular and Molecular Medicine, 2015, 19, 1656-1671.	3.6	7
71	miR-138-5p induces aggressive traits by targeting Trp53 expression in murine melanoma cells, and correlates with poor prognosis of melanoma patients. Neoplasia, 2021, 23, 823-834.	5.3	7
72	New splicing mutation in exon 5â€“6 of the p53-tumor suppressor gene in a malignant schwannoma. Human Mutation, 1997, 9, 91-94.	2.5	6

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73	Different mRNA Expression Profile During Tumor Progressionin a Well-differentiated Liposarcoma â€“ A Microdissection Approach. Pathology Research and Practice, 2003, 199, 445-450.	2.3	6
74	Tetraspanin 5 (TSPAN5), a Novel Gatekeeper of the Tumor Suppressor DLC1 and Myocardin-Related Transcription Factors (MRTFs), Controls HCC Growth and Senescence. Cancers, 2021, 13, 5373.	3.7	6
75	Novel Criteria for Intratumoral Budding with Prognostic Relevance for Colon Cancer and Its Histological Subtypes. International Journal of Molecular Sciences, 2021, 22, 13108.	4.1	5
76	Multiphoton Microscopy Reveals DAPK1-Dependent Extracellular Matrix Remodeling in a Chorioallantoic Membrane (CAM) Model. Cancers, 2022, 14, 2364.	3.7	5
77	A novel complex KIT mutation in a gastrointestinal stromal tumor of the vermiform appendix. Human Pathology, 2013, 44, 651-655.	2.0	4
78	In vivo monitoring of the anti-angiogenic therapeutic effect of the pan-deacetylase inhibitor panobinostat by small animal PET in a mouse model of gastrointestinal cancers. Nuclear Medicine and Biology, 2016, 43, 27-34.	0.6	4
79	Deep hypothermic circulatory arrest or tepid regional cerebral perfusion: impact on haemodynamics and myocardial integrity in a randomized experimental trial. Interactive Cardiovascular and Thoracic Surgery, 2018, 26, 667-672.	1.1	4
80	Prognostic value of O-6-methylguanine-DNA methyltransferase loss in salivary gland carcinomas. Head and Neck, 2013, 36, n/a-n/a.	2.0	3
81	A Gene Signature Derived from the Loss of CDKN1A (p21) Is Associated with CMS4 Colorectal Cancer. Cancers, 2022, 14, 136.	3.7	3
82	Methyltransferases in apoptosis and cancer. Signal Transduction, 2005, 5, 169-176.	0.4	1
83	Spectrum of KIT/PDGFRA/BRAF mutations and Phosphatidylinositol-3-Kinase pathway gene alterations in gastrointestinal stromal tumors (GIST). , 2011, 312, 43-43.		1
84	Abstract 3368: Biomarkers of precancerous colorectal cancer stages identified by transcriptome profiling. Cancer Research, 2022, 82, 3368-3368.	0.9	0