

Thorsten Stiewe

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114 papers	3,930 citations	31 h-index	61 g-index
127 ext. papers	6,010 ext. citations	9.8 avg, IF	5.64 L-index

#	Paper	IF	Citations
114	SMARCA1 ATPase activity is required to silence endogenous retroviruses in embryonic stem cells. <i>Nature Communications</i> , 2019 , 10, 1335	17.4	511
113	Role of the p53-homologue p73 in E2F1-induced apoptosis. <i>Nature Genetics</i> , 2000 , 26, 464-9	36.3	305
112	The p53 family in differentiation and tumorigenesis. <i>Nature Reviews Cancer</i> , 2007 , 7, 165-8	31.3	243
111	A senescence-inflammatory switch from cancer-inhibitory to cancer-promoting mechanism. <i>Cancer Cell</i> , 2013 , 24, 242-56	24.3	164
110	Transactivation-deficient Delta TA-p73 inhibits p53 by direct competition for DNA binding: implications for tumorigenesis. <i>Journal of Biological Chemistry</i> , 2002 , 277, 14177-85	5.4	140
109	Gene expression changes in response to E2F1 activation. <i>Nucleic Acids Research</i> , 2002 , 30, 1859-67	20.1	132
108	The short-chain fatty acid pentanoate suppresses autoimmunity by modulating the metabolic-epigenetic crosstalk in lymphocytes. <i>Nature Communications</i> , 2019 , 10, 760	17.4	129
107	Transactivation-deficient DeltaTA-p73 acts as an oncogene. <i>Cancer Research</i> , 2002 , 62, 3598-602	10.1	112
106	p53 family members in myogenic differentiation and rhabdomyosarcoma development. <i>Cancer Cell</i> , 2006 , 10, 281-93	24.3	97
105	The gut microbiome switches mutant p53 from tumour-suppressive to oncogenic. <i>Nature</i> , 2020 , 586, 133-138	50.4	94
104	Characterization of the p53 cisome--DNA binding cooperativity dissects p53's tumor suppressor functions. <i>PLoS Genetics</i> , 2013 , 9, e1003726	6	69
103	DNA binding cooperativity of p53 modulates the decision between cell-cycle arrest and apoptosis. <i>Molecular Cell</i> , 2010 , 38, 356-68	17.6	69
102	Immune and Inflammatory Cell Composition of Human Lung Cancer Stroma. <i>PLoS ONE</i> , 2015 , 10, e0139033	3.7	66
101	A transcriptome-based global map of signaling pathways in the ovarian cancer microenvironment associated with clinical outcome. <i>Genome Biology</i> , 2016 , 17, 108	18.3	64
100	Antithetical NFATc1-Sox2 and p53-miR200 signaling networks govern pancreatic cancer cell plasticity. <i>EMBO Journal</i> , 2015 , 34, 517-30	13	63
99	Quantitative TP73 transcript analysis in hepatocellular carcinomas. <i>Clinical Cancer Research</i> , 2004 , 10, 626-33	12.9	62
98	The transcriptional signature of human ovarian carcinoma macrophages is associated with extracellular matrix reorganization. <i>Oncotarget</i> , 2016 , 7, 75339-75352	3.3	61

97	How mutations shape p53 interactions with the genome to promote tumorigenesis and drug resistance. <i>Drug Resistance Updates</i> , 2018 , 38, 27-43	23.2	58
96	p53 DNA binding cooperativity is essential for apoptosis and tumor suppression in vivo. <i>Cell Reports</i> , 2013 , 3, 1512-25	10.6	58
95	Deregulation of PPAR γ target genes in tumor-associated macrophages by fatty acid ligands in the ovarian cancer microenvironment. <i>Oncotarget</i> , 2015 , 6, 13416-33	3.3	58
94	CRISPR-Cas9-based target validation for p53-reactivating model compounds. <i>Nature Chemical Biology</i> , 2016 , 12, 22-8	11.7	54
93	MGA, L3MBTL2 and E2F6 determine genomic binding of the non-canonical Polycomb repressive complex PRC1.6. <i>PLoS Genetics</i> , 2018 , 14, e1007193	6	54
92	KINK-1, a novel small-molecule inhibitor of IKK β , and the susceptibility of melanoma cells to antitumoral treatment. <i>Journal of the National Cancer Institute</i> , 2008 , 100, 862-75	9.7	51
91	Mutant p53 promotes tumor progression and metastasis by the endoplasmic reticulum UDPase ENTPD5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E8433-E8442	11.5	48
90	C-terminal diversity within the p53 family accounts for differences in DNA binding and transcriptional activity. <i>Nucleic Acids Research</i> , 2008 , 36, 1900-12	20.1	45
89	The transcriptional PPAR γ network in human macrophages defines a unique agonist-induced activation state. <i>Nucleic Acids Research</i> , 2015 , 43, 5033-51	20.1	44
88	p73 poses a barrier to malignant transformation by limiting anchorage-independent growth. <i>EMBO Journal</i> , 2008 , 27, 792-803	13	44
87	Life or death: p53-induced apoptosis requires DNA binding cooperativity. <i>Cell Cycle</i> , 2010 , 9, 4068-76	4.7	40
86	Reprogramming of tumor-associated macrophages by targeting E-cadherin/FOSL2/ARID5A signaling: A potential treatment of lung cancer. <i>Science Advances</i> , 2020 , 6, eaaz6105	14.3	35
85	mTOR-mediated cancer drug resistance suppresses autophagy and generates a druggable metabolic vulnerability. <i>Nature Communications</i> , 2020 , 11, 4684	17.4	34
84	Proteotranscriptomics Reveal Signaling Networks in the Ovarian Cancer Microenvironment. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 270-289	7.6	34
83	MicroRNA29a regulates the expression of the nuclear oncogene Ski. <i>Blood</i> , 2011 , 118, 1899-902	2.2	31
82	Inactivation of retinoblastoma (RB) tumor suppressor by oncogenic isoforms of the p53 family member p73. <i>Journal of Biological Chemistry</i> , 2003 , 278, 14230-6	5.4	31
81	In good times and bad: p73 in cancer. <i>Cell Cycle</i> , 2008 , 7, 1726-31	4.7	30
80	Zinc finger independent genome-wide binding of Sp2 potentiates recruitment of histone-fold protein NF- γ distinguishing it from Sp1 and Sp3. <i>PLoS Genetics</i> , 2015 , 11, e1005102	6	29

79	Cell type-selective pathways and clinical associations of lysophosphatidic acid biosynthesis and signaling in the ovarian cancer microenvironment. <i>Molecular Oncology</i> , 2019 , 13, 185-201	7.9	28
78	Interferon signaling in ascites-associated macrophages is linked to a favorable clinical outcome in a subgroup of ovarian carcinoma patients. <i>BMC Genomics</i> , 2017 , 18, 243	4.5	27
77	Targeting p73 in cancer. <i>Cancer Letters</i> , 2013 , 332, 229-36	9.9	27
76	Galectin-3 interacts with components of the nuclear ribonucleoprotein complex. <i>BMC Cancer</i> , 2016 , 16, 502	4.8	26
75	Effects of YM155 on survivin levels and viability in neuroblastoma cells with acquired drug resistance. <i>Cell Death and Disease</i> , 2016 , 7, e2410	9.8	25
74	Histone variant H2A.Z deposition and acetylation directs the canonical Notch signaling response. <i>Nucleic Acids Research</i> , 2018 , 46, 8197-8215	20.1	25
73	Exosome-dependent immune surveillance at the metastatic niche requires BAG6 and CBP/p300-dependent acetylation of p53. <i>Theranostics</i> , 2019 , 9, 6047-6062	12.1	25
72	Improved treatment of pancreatic cancer by IL-12 and B7.1 costimulation: antitumor efficacy and immunoregulation in a nonimmunogenic tumor model. <i>Molecular Therapy</i> , 2002 , 5, 405-12	11.7	25
71	A cisplatin-resistant head and neck cancer cell line with cytoplasmic p53(mut) exhibits ATP-binding cassette transporter upregulation and high glutathione levels. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014 , 140, 1689-704	4.9	24
70	The pan-deacetylase inhibitor panobinostat suppresses the expression of oncogenic miRNAs in hepatocellular carcinoma cell lines. <i>Molecular Carcinogenesis</i> , 2015 , 54, 585-97	5	24
69	iTRAQ analysis of a cell culture model for malignant transformation, including comparison with 2D-PAGE and SILAC. <i>Journal of Proteome Research</i> , 2012 , 11, 2140-53	5.6	24
68	Oncogenic RAS enables DNA damage- and p53-dependent differentiation of acute myeloid leukemia cells in response to chemotherapy. <i>PLoS ONE</i> , 2009 , 4, e7768	3.7	24
67	p53 ^Δ Extended Reach: The Mutant p53 Secretome. <i>Biomolecules</i> , 2020 , 10,	5.9	23
66	CK1 α ablation in keratinocytes induces p53-dependent, sunburn-protective skin hyperpigmentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E8035-E8044	11.5	22
65	Identification of the full-length huntingtin- interacting protein p231HBP/HYPB as a DNA-binding factor. <i>Molecular and Cellular Neurosciences</i> , 2001 , 18, 68-79	4.8	22
64	PWWP2A binds distinct chromatin moieties and interacts with an MTA1-specific core NuRD complex. <i>Nature Communications</i> , 2018 , 9, 4300	17.4	22
63	Lung tumors on multimodal radiographs derived from grating-based X-ray imaging--a feasibility study. <i>Physica Medica</i> , 2014 , 30, 352-7	2.7	21
62	NF- κ B p65 dimerization and DNA-binding is important for inflammatory gene expression. <i>FASEB Journal</i> , 2019 , 33, 4188-4202	0.9	18

61	Transcriptome profiling and protease inhibition experiments identify proteases that activate H3N2 influenza A and influenza B viruses in murine airways. <i>Journal of Biological Chemistry</i> , 2020 , 295, 11388-11407	5.4	18
60	Genomic Location of PRMT6-Dependent H3R2 Methylation Is Linked to the Transcriptional Outcome of Associated Genes. <i>Cell Reports</i> , 2018 , 24, 3339-3352	10.6	18
59	Residual apoptotic activity of a tumorigenic p53 mutant improves cancer therapy responses. <i>EMBO Journal</i> , 2019 , 38, e102096	13	17
58	p53 activates the Fanconi anemia DNA repair pathway and limits the efficacy of cisplatin treatment in squamous cell carcinoma. <i>Nucleic Acids Research</i> , 2016 , 44, 3204-18	20.1	15
57	Malignant transformation in a defined genetic background: proteome changes displayed by 2D-PAGE. <i>Molecular Cancer</i> , 2010 , 9, 254	42.1	14
56	Monitoring the dynamics of clonal tumour evolution in vivo using secreted luciferases. <i>Nature Communications</i> , 2014 , 5, 3981	17.4	13
55	Induction of early growth response-1 mediates microglia activation in vitro but is dispensable in vivo. <i>NeuroMolecular Medicine</i> , 2009 , 11, 87-96	4.6	13
54	Mechanism of E2F1-induced apoptosis in primary vascular smooth muscle cells. <i>Cardiovascular Research</i> , 2003 , 59, 512-9	9.9	13
53	Distinct IL-1 β -responsive enhancers promote acute and coordinated changes in chromatin topology in a hierarchical manner. <i>EMBO Journal</i> , 2020 , 39, e101533	13	13
52	Miz1 Controls Schwann Cell Proliferation via H3K36 Demethylase Kdm8 to Prevent Peripheral Nerve Demyelination. <i>Journal of Neuroscience</i> , 2018 , 38, 858-877	6.6	12
51	Comparative Transcriptomic Analysis of Temozolomide Resistant Primary GBM Stem-Like Cells and Recurrent GBM Identifies Up-Regulation of the Carbonic Anhydrase Gene as Resistance Factor. <i>Cancers</i> , 2019 , 11,	6.6	11
50	ZAR1 is a novel epigenetically inactivated tumour suppressor in lung cancer. <i>Clinical Epigenetics</i> , 2017 , 9, 60	7.7	11
49	Combined cistrome and transcriptome analysis of SKI in AML cells identifies SKI as a co-repressor for RUNX1. <i>Nucleic Acids Research</i> , 2018 , 46, 3412-3428	20.1	10
48	HDAC3 functions as a positive regulator in Notch signal transduction. <i>Nucleic Acids Research</i> , 2020 , 48, 3496-3512	20.1	9
47	Phosphorylation Control of p53 DNA-Binding Cooperativity Balances Tumorigenesis and Aging. <i>Cancer Research</i> , 2020 , 80, 5231-5244	10.1	9
46	Extracellular Vesicles: Messengers of p53 in Tumor-Stroma Communication and Cancer Metastasis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
45	Loss of p53 function at late stages of tumorigenesis confers ARF-dependent vulnerability to p53 reactivation therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 22288-22293	11.5	9
44	LITESEC-T3SS - Light-controlled protein delivery into eukaryotic cells with high spatial and temporal resolution. <i>Nature Communications</i> , 2020 , 11, 2381	17.4	8

43	Upregulation of mesothelial genes in ovarian carcinoma cells is associated with an unfavorable clinical outcome and the promotion of cancer cell adhesion. <i>Molecular Oncology</i> , 2020 , 14, 2142-2162	7.9	7
42	Modulation of Pancreatic Neuroendocrine Neoplastic Cell Fate by Autophagy-Mediated Death. <i>Neuroendocrinology</i> , 2021 , 111, 965-985	5.6	7
41	Chromatin Binding of -REL and p65 Is Not Limiting for Macrophage Transcription During Immediate Suppression by Ovarian Carcinoma Ascites. <i>Frontiers in Immunology</i> , 2018 , 9, 1425	8.4	6
40	p53 and p73 in suppression of Myc-driven lymphomagenesis. <i>International Journal of Cancer</i> , 2009 , 124, 502-6	7.5	6
39	Oncogenic NRAS Primes Primary Acute Myeloid Leukemia Cells for Differentiation. <i>PLoS ONE</i> , 2015 , 10, e0123181	3.7	6
38	Inactivation of Mdm2 restores apoptosis proficiency of cooperativity mutant p53 in vivo. <i>Cell Cycle</i> , 2020 , 19, 109-123	4.7	6
37	Phosphoproteomics identify arachidonic-acid-regulated signal transduction pathways modulating macrophage functions with implications for ovarian cancer. <i>Theranostics</i> , 2021 , 11, 1377-1395	12.1	6
36	Downregulation of miR-503 in Activated Kidney Fibroblasts Disinhibits KCNN4 in an in Vitro Model of Kidney Fibrosis. <i>Kidney and Blood Pressure Research</i> , 2019 , 44, 113-122	3.1	5
35	Altered glycogen metabolism causes hepatomegaly following an Atg7 deletion. <i>Cell and Tissue Research</i> , 2016 , 366, 651-665	4.2	5
34	ADAR1 Is Required for Dendritic Cell Subset Homeostasis and Alveolar Macrophage Function. <i>Journal of Immunology</i> , 2019 , 202, 1099-1111	5.3	5
33	p53 partial loss-of-function mutations sensitize to chemotherapy.. <i>Oncogene</i> , 2021 ,	9.2	5
32	Sorafenib induces paradoxical phosphorylation of the extracellular signal-regulated kinase pathway in acute myeloid leukemia cells lacking FLT3-ITD mutation. <i>Leukemia and Lymphoma</i> , 2015 , 56, 2690-8	1.9	4
31	Transcription factor Sp2 potentiates binding of the TALE homeoproteins Pbx1:Prep1 and the histone-fold domain protein Nf-y to composite genomic sites. <i>Journal of Biological Chemistry</i> , 2018 , 293, 19250-19262	5.4	4
30	Chemotherapeutic Drugs Inhibiting Topoisomerase 1 Activity Impede Cytokine-Induced and NF-B p65-Regulated Gene Expression. <i>Cancers</i> , 2019 , 11,	6.6	3
29	Epigenetic Inactivation of the Tumor Suppressor Occurs Frequently in Lung Adenocarcinoma and Its Silencing Is Associated with Impaired Prognosis. <i>Cancers</i> , 2020 , 12,	6.6	3
28	Metastasis-Associated Protein 2 Represses NF-B to Reduce Lung Tumor Growth and Inflammation. <i>Cancer Research</i> , 2020 , 80, 4199-4211	10.1	3
27	Rely on Each Other: DNA Binding Cooperativity Shapes p53 Functions in Tumor Suppression and Cancer Therapy. <i>Cancers</i> , 2021 , 13,	6.6	3
26	The SAM domain-containing protein 1 (SAMD1) acts as a repressive chromatin regulator at unmethylated CpG islands. <i>Science Advances</i> , 2021 , 7,	14.3	3

25	JAZF1, A Novel p400/TIP60/NuA4 Complex Member, Regulates H2A.Z Acetylation at Regulatory Regions. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
24	p53 gain-of-function mutations promote metastasis via ENTPD5 upregulation and enhanced N-glycoprotein folding. <i>Molecular and Cellular Oncology</i> , 2017 , 4, e1288678	1.2	2
23	A Senescence-Inflammatory Switch from Cancer-Inhibitory to Cancer-Promoting Mechanism. <i>Cancer Cell</i> , 2015 , 27, 877-878	24.3	2
22	Distinct CoREST complexes act in a cell-type-specific manner. <i>Nucleic Acids Research</i> , 2019 , 47, 11649-11666	16.6	2
21	Specific allelic variants of SNPs in the and genes are associated with earlier tumor onset and progression in Caucasian breast cancer patients. <i>Oncotarget</i> , 2019 , 10, 1975-1992	3.3	2
20	The multicellular signalling network of ovarian cancer metastases. <i>Clinical and Translational Medicine</i> , 2021 , 11, e633	5.7	2
19	Activation of Cilia-Independent Hedgehog/GLI1 Signaling as a Novel Concept for Neuroblastoma Therapy. <i>Cancers</i> , 2021 , 13,	6.6	2
18	Ush regulates hemocyte-specific gene expression, fatty acid metabolism and cell cycle progression and cooperates with dNuRD to orchestrate hematopoiesis. <i>PLoS Genetics</i> , 2021 , 17, e1009318	6	2
17	IRF8 Is an AML-Specific Susceptibility Factor That Regulates Signaling Pathways and Proliferation of AML Cells. <i>Cancers</i> , 2021 , 13,	6.6	2
16	Drosophila melanogaster tPlus3a and tPlus3b ensure full male fertility by regulating transcription of Y-chromosomal, seminal fluid, and heat shock genes. <i>PLoS ONE</i> , 2019 , 14, e0213177	3.7	1
15	YM155-Adapted Cancer Cell Lines Reveal Drug-Induced Heterogeneity and Enable the Identification of Biomarker Candidates for the Acquired Resistance Setting. <i>Cancers</i> , 2020 , 12,	6.6	1
14	Long-term cultivation using ineffective MDM2 inhibitor concentrations alters the drug sensitivity profiles of PL21 leukaemia cells. <i>Experimental Results</i> , 2020 , 1,	1.3	1
13	TP53 mutations and drug sensitivity in acute myeloid leukaemia cells with acquired MDM2 inhibitor resistance		1
12	miRNA29a Regulates Oncogenic SKI Expression in Acute Myeloid Leukemia (AML).. <i>Blood</i> , 2009 , 114, 1968-1968	2.2	1
11	Efficient antisense inhibition reveals microRNA-155 to restrain a late-myeloid inflammatory programme in primary human phagocytes. <i>RNA Biology</i> , 2021 , 18, 604-618	4.8	1
10	C1q/TNF-Related Protein 3 (CTRP-3) Deficiency of Adipocytes Affects White Adipose Tissue Mass but Not Systemic CTRP-3 Concentrations. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
9	Partial p53 reactivation is sufficient to induce cancer regression.. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022 , 41, 80	12.8	0
8	The Genes for Tissue Factor F3 and Nuclear Receptor 4A Are Down-Regulated in Early Death Acute Promyelocytic Leukemia Patients. <i>Blood</i> , 2018 , 132, 3902-3902	2.2	

- 7 Depletion of the TP53 Family Member p73 Sensitizes Cancer Cells towards Cytarabine.. *Blood*, **2012**, 120, 2461-2461 2.2
- 6 Up-Regulation of Heme Oxygenase-1 Is Induced by the Leukemia Stroma-Cell Interaction and Rescues Acute Myeloid Leukaemia (AML) Cells From Cytarabin Induced Cell Death. *Blood*, **2012**, 120, 533-533 2.2
- 5 Expression of the Nuclear Corepressor Ski Predicts Response to Histone Deacetylase Inhibitor Valproic Acid in Cells of Acute Myeloid Leukemia.. *Blood*, **2012**, 120, 2410-2410 2.2
- 4 Abstract PD2-04: Molecular plasticity of luminal breast cancer and response to CDK 4/6 inhibition - The biomarker program of the PENELOPE-B trial investigating post-neoadjuvant palbociclib. *Cancer Research*, **2022**, 82, PD2-04-PD2-04 10.1
- 3 The Nuclear Proteins TP73 and CUL4A Confer Resistance to Cytarabine by Induction of Translesion DNA Synthesis via Mono-ubiquitination of PCNA.. *HemaSphere*, **2022**, 6, e0708 0.3
- 2 Robustness of the Autophagy Pathway to Somatic Copy Number Losses. *Cells*, **2022**, 11, 1762 7.9
- 1 RNA inhibits dMi-2/CHD4 chromatin binding and nucleosome remodeling. *Cell Reports*, **2022**, 39, 110895 10.6