

Ralf Janknecht

List of Publications by Year in descending order

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96
papers

7,857
citations

36271

51
h-index

49868

87
g-index

97
all docs

97
docs citations

97
times ranked

9637
citing authors

#	ARTICLE	IF	CITATIONS
1	A growing coactivator network. <i>Nature</i> , 1996, 383, 22-23.	13.7	386
2	KDM4/JMJD2 Histone Demethylases: Epigenetic Regulators in Cancer Cells. <i>Cancer Research</i> , 2013, 73, 2936-2942.	0.4	353
3	The Kit receptor promotes cell survival via activation of PI 3-kinase and subsequent Akt-mediated phosphorylation of Bad on Ser136. <i>Current Biology</i> , 1998, 8, 779-785.	1.8	321
4	ER71 Acts Downstream of BMP, Notch, and Wnt Signaling in Blood and Vessel Progenitor Specification. <i>Cell Stem Cell</i> , 2008, 2, 497-507.	5.2	294
5	Independence of Repressive Histone Marks and Chromatin Compaction during Senescent Heterochromatic Layer Formation. <i>Molecular Cell</i> , 2012, 47, 203-214.	4.5	258
6	Transcriptional control: Versatile molecular glue. <i>Current Biology</i> , 1996, 6, 951-954.	1.8	224
7	Ras/Rap effector specificity determined by charge reversal. <i>Nature Structural and Molecular Biology</i> , 1996, 3, 723-729.	3.6	202
8	Activation of androgen receptor by histone demethylases JMJD2A and JMJD2D. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 742-746.	1.0	186
9	Exosome-mediated microRNA signaling from breast cancer cells is altered by the anti-angiogenesis agent docosahexaenoic acid (DHA). <i>Molecular Cancer</i> , 2015, 14, 133.	7.9	182
10	MAP Kinase-Dependent Transcriptional Coactivation by Elk-1 and Its Cofactor CBP. <i>Biochemical and Biophysical Research Communications</i> , 1996, 228, 831-837.	1.0	180
11	ETV1, 4 and 5: An oncogenic subfamily of ETS transcription factors. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1826, 1-12.	3.3	174
12	Signalling pathways: Jack of all cascades. <i>Current Biology</i> , 1996, 6, 16-19.	1.8	168
13	Involvement of RNA Helicases p68 and p72 in Colon Cancer. <i>Cancer Research</i> , 2007, 67, 7572-7578.	0.4	160
14	EWSâ€“ETS oncoproteins: The linchpins of Ewing tumors. <i>Gene</i> , 2005, 363, 1-14.	1.0	158
15	p38-2, a Novel Mitogen-activated Protein Kinase with Distinct Properties. <i>Journal of Biological Chemistry</i> , 1997, 272, 19509-19517.	1.6	157
16	Succinate inhibition of α -ketoglutarate-dependent enzymes in a yeast model of paraganglioma. <i>Human Molecular Genetics</i> , 2007, 16, 3136-3148.	1.4	155
17	Elk-1 protein domains required for direct and SRF-assisted DNA-binding. <i>Nucleic Acids Research</i> , 1992, 20, 3317-3324.	6.5	139
18	TGF β 2 inducible early gene enhances TGF β 2/Smad-dependent transcriptional responses. <i>Oncogene</i> , 2002, 21, 5783-5790.	2.6	130

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19	Diversity within the JMJD2 histone demethylase family. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 973-977.	1.0	129
20	Synthesis and activity of N-oxalylglycine and its derivatives as Jumonji C-domain-containing histone lysine demethylase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2852-2855.	1.0	116
21	Upregulation of the Catalytic Telomerase Subunit by the Transcription Factor ER81 and Oncogenic HER2/Neu, Ras, or Raf. <i>Molecular and Cellular Biology</i> , 2004, 24, 25-35.	1.1	115
22	Signal integration at the c-fos promoter. <i>Carcinogenesis</i> , 1995, 16, 443-450.	1.3	112
23	Oncogenic features of the JMJD2A histone demethylase in breast cancer. <i>International Journal of Oncology</i> , 2012, 41, 1701-1706.	1.4	112
24	Vascular Endothelial Growth Factor Expression is Up-Regulated by EWS-ETS Oncoproteins and Sp1 and May Represent an Independent Predictor of Survival in Ewing's Sarcoma. <i>Clinical Cancer Research</i> , 2004, 10, 1344-1353.	3.2	109
25	On the road to immortality: hTERT upregulation in cancer cells. <i>FEBS Letters</i> , 2004, 564, 9-13.	1.3	102
26	Small molecule kinase inhibitor LRRK2-IN-1 demonstrates potent activity against colorectal and pancreatic cancer through inhibition of doublecortin-like kinase 1. <i>Molecular Cancer</i> , 2014, 13, 103.	7.9	102
27	Regulation of telomerase reverse transcriptase gene activity by upstream stimulatory factor. <i>Oncogene</i> , 2003, 22, 8042-8047.	2.6	101
28	Synergism between p68 RNA helicase and the transcriptional coactivators CBP and p300. <i>Oncogene</i> , 2003, 22, 151-156.	2.6	100
29	HER2/Neu-mediated activation of the ETS transcription factor ER81 and its target gene MMP-1. <i>Oncogene</i> , 2001, 20, 6215-6224.	2.6	99
30	Regulation of the ER81 transcription factor and its coactivators by mitogen- and stress-activated protein kinase 1 (MSK1). <i>Oncogene</i> , 2003, 22, 746-755.	2.6	95
31	The JMJD2A demethylase regulates apoptosis and proliferation in colon cancer cells. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 1368-1376.	1.2	95
32	Acetylation-Mediated Transcriptional Activation of the ETS Protein ER81 by p300, P/CAF, and HER2/Neu. <i>Molecular and Cellular Biology</i> , 2003, 23, 6243-6254.	1.1	93
33	Sumoylation of p68 and p72 RNA Helicases Affects Protein Stability and Transactivation Potential. <i>Biochemistry</i> , 2010, 49, 1-10.	1.2	92
34	Histone demethylase JMJD2A drives prostate tumorigenesis through transcription factor ETV1. <i>Journal of Clinical Investigation</i> , 2016, 126, 706-720.	3.9	91
35	HER2/Neu- and TAK1-mediated Up-regulation of the Transforming Growth Factor β Inhibitor Smad7 via the ETS Protein ER81. <i>Journal of Biological Chemistry</i> , 2003, 278, 44377-44384.	1.6	88
36	Activation of the Sap-1a Transcription Factor by the c-Jun N-terminal Kinase (JNK) Mitogen-activated Protein Kinase. <i>Journal of Biological Chemistry</i> , 1997, 272, 4219-4224.	1.6	83

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37	Regulation of the ETS Transcription Factor ER81 by the 90-kDa Ribosomal S6 Kinase 1 and Protein Kinase A. <i>Journal of Biological Chemistry</i> , 2002, 277, 42669-42679.	1.6	83
38	Phosphorylation of ETS Transcription Factor ER81 in a Complex with Its Coactivators CREB-Binding Protein and p300. <i>Molecular and Cellular Biology</i> , 2000, 20, 7300-7310.	1.1	81
39	Concerted Activation of ETS Protein ER81 by p160 Coactivators, the Acetyltransferase p300 and the Receptor Tyrosine Kinase HER2/Neu. <i>Journal of Biological Chemistry</i> , 2004, 279, 14909-14916.	1.6	80
40	Induction of Prostatic Intraepithelial Neoplasia and Modulation of Androgen Receptor by ETS Variant 1/ETS-Related Protein 81. <i>Cancer Research</i> , 2009, 69, 8102-8110.	0.4	76
41	Modulation of Transforming Growth Factor β^2 (TGF β^2)/Smad Transcriptional Responses through Targeted Degradation of TGF β^2 -inducible Early Gene-1 by Human Seven in Absentia Homologue. <i>Journal of Biological Chemistry</i> , 2002, 277, 30754-30759.	1.6	74
42	Transcriptional regulation of Smad2 is required for enhancement of TGF β /Smad signaling by TGF β -inducible early gene. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 233-241.	1.2	71
43	Histone demethylase JMJD5 is essential for embryonic development. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 61-65.	1.0	70
44	Regulation of Tumor Suppressor p53 and HCT116 Cell Physiology by Histone Demethylase JMJD2D/KDM4D. <i>PLoS ONE</i> , 2012, 7, e34618.	1.1	67
45	A PGAM5-KEAP1-Nrf2 complex is required for stress-induced mitochondrial retrograde trafficking. <i>Journal of Cell Science</i> , 2017, 130, 3467-3480.	1.2	66
46	Multi-talented DEAD-box proteins and potential tumor promoters: p68 RNA helicase (DDX5) and its paralog, p72 RNA helicase (DDX17). <i>American Journal of Translational Research (discontinued)</i> , 2010, 2, 223-34.	0.0	66
47	Regulatory squelching. <i>FEBS Letters</i> , 1994, 344, 105-108.	1.3	64
48	Overexpression of the TGF- β^2 antagonist Smad7 in endometrial cancer. <i>Gynecologic Oncology</i> , 2005, 96, 368-373.	0.6	61
49	Repression of transcription by TSGA/Jmjd1a, a novel interaction partner of the ETS protein ER71. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 319-329.	1.2	61
50	Pleiotropic Effects of p300-mediated Acetylation on p68 and p72 RNA Helicase. <i>Journal of Biological Chemistry</i> , 2010, 285, 30443-30452.	1.6	55
51	Elevated Circulation Levels of an Antiangiogenic SERPIN in Patients with Diabetic Microvascular Complications Impair Wound Healing through Suppression of Wnt Signaling. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1725-1734.	0.3	54
52	Histone demethylase JARID1B/KDM5B is a corepressor of TIEG1/KLF10. <i>Biochemical and Biophysical Research Communications</i> , 2010, 401, 412-416.	1.0	49
53	Clipping of arginine-methylated histone tails by JMJD5 and JMJD7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7717-E7726.	3.3	48
54	Rcl is a novel ETV1/ER81 target gene upregulated in breast tumors. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 866-874.	1.2	46

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55	Stimulation of β -catenin and colon cancer cell growth by the KDM4B histone demethylase. <i>International Journal of Oncology</i> , 2014, 44, 1341-1348.	1.4	43
56	Repression of Smad3 activity by histone demethylase SMCX/JARID1C. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 563-567.	1.0	42
57	Regulation of Her2/neu promoter activity by the ETS transcription factor, ER81. <i>Journal of Cellular Biochemistry</i> , 2002, 86, 174-183.	1.2	41
58	Concerted activation of the Mdm2 promoter by p72 RNA helicase and the coactivators p300 and P/CAF. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 1252-1265.	1.2	41
59	Affinity purification of histidine-tagged proteins transiently produced in HeLa cells. <i>Gene</i> , 1992, 121, 321-324.	1.0	39
60	Pro-growth role of the JMJD2C histone demethylase in HCT-116 colon cancer cells and identification of curcuminoids as JMJD2 inhibitors. <i>American Journal of Translational Research (discontinued)</i> , 2014, 6, 236-47.	0.0	39
61	Cell Type-specific Inhibition of the ETS Transcription Factor ER81 by Mitogen-activated Protein Kinase-activated Protein Kinase 2. <i>Journal of Biological Chemistry</i> , 2001, 276, 41856-41861.	1.6	38
62	ETS variant 1 regulates matrix metalloproteinase-7 transcription in LNCaP prostate cancer cells. <i>Oncology Reports</i> , 2013, 29, 306-314.	1.2	37
63	Functional analysis of the transcription factor ER71 and its activation of the matrix metalloproteinase-1 promoter. <i>Nucleic Acids Research</i> , 2002, 30, 2972-2979.	6.5	36
64	The small members of the JMJD protein family: Enzymatic jewels or jinxes?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 406-418.	3.3	36
65	YAP1 inhibition radiosensitizes triple negative breast cancer cells by targeting the DNA damage response and cell survival pathways. <i>Oncotarget</i> , 2017, 8, 98495-98508.	0.8	34
66	14-3-3 Proteins Modulate the ETS Transcription Factor ETV1 in Prostate Cancer. <i>Cancer Research</i> , 2013, 73, 5110-5119.	0.4	33
67	Regulation of the c-fos Promoter. <i>Immunobiology</i> , 1995, 193, 137-142.	0.8	32
68	Cloning of the murine ER71 gene (Etsrp71) and initial characterization of its promoter. <i>Genomics</i> , 2005, 85, 493-502.	1.3	32
69	Transcription Factors ER71/ETV2 and SOX9 Participate in a Positive Feedback Loop in Fetal and Adult Mouse Testis. <i>Journal of Biological Chemistry</i> , 2012, 287, 23657-23666.	1.6	32
70	Fluvastatin Interferes with Hepatitis C Virus Replication via Microtubule Bundling and a Doublecortin-like Kinase-Mediated Mechanism. <i>PLoS ONE</i> , 2013, 8, e80304.	1.1	31
71	Nephrin and Podocin functions are highly conserved between the zebrafish pronephros and mammalian metanephros. <i>Molecular Medicine Reports</i> , 2014, 9, 457-465.	1.1	31
72	Regulation of the DNA Methylation Landscape in Human Somatic Cell Reprogramming by the miR-29 Family. <i>Stem Cell Reports</i> , 2016, 7, 43-54.	2.3	31

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73	Crucial Functions of the JMJD1/KDM3 Epigenetic Regulators in Cancer. <i>Molecular Cancer Research</i> , 2021, 19, 3-13.	1.5	31
74	Upregulation of the matrix metalloproteinase-1 gene by the Ewing's sarcoma associated EWS-ER81 and EWS-Fli-1 oncoproteins, c-Jun and p300. <i>FEBS Letters</i> , 2003, 553, 104-108.	1.3	28
75	C-terminal phosphorylation of the serum-response factor. <i>FEBS Journal</i> , 1993, 216, 469-475.	0.2	27
76	Transcriptional activity and constitutive nuclear localization of the ETS protein Elf-1. <i>FEBS Letters</i> , 1997, 408, 47-51.	1.3	25
77	ETS transcription factor ERG cooperates with histone demethylase KDM4A. <i>Oncology Reports</i> , 2016, 35, 3679-3688.	1.2	25
78	(HX)nrepeats: a pH-controlled protein-protein interaction motif of eukaryotic transcription factors?. <i>FEBS Letters</i> , 1991, 295, 1-2.	1.3	23
79	HuR Reduces Radiation-Induced DNA Damage by Enhancing Expression of ARID1A. <i>Cancers</i> , 2019, 11, 2014.	1.7	23
80	Opposite Roles of the JMJD1A Interaction Partners MDFI and MDFIC in Colorectal Cancer. <i>Scientific Reports</i> , 2020, 10, 8710.	1.6	21
81	Developmental Localization of Nephric in Zebrafish and Medaka Pronephric Glomerulus. <i>Journal of Histochemistry and Cytochemistry</i> , 2013, 61, 313-324.	1.3	20
82	Relationship between ETS Transcription Factor ETV1 and TGF- β -regulated SMAD Proteins in Prostate Cancer. <i>Scientific Reports</i> , 2019, 9, 8186.	1.6	19
83	Multifunctional APJ Pathway Promotes Ovarian Cancer Progression and Metastasis. <i>Molecular Cancer Research</i> , 2019, 17, 1378-1390.	1.5	19
84	A potential common role of the Jumonji C domain-containing 1A histone demethylase and chromatin remodeler ATRX in promoting colon cancer. <i>Oncology Letters</i> , 2018, 16, 6652-6662.	0.8	16
85	Extracellular vesicles from human bone marrow mesenchymal stem cells repair organ damage caused by cadmium poisoning in a medaka model. <i>Physiological Reports</i> , 2019, 7, e14172.	0.7	15
86	Cooperation between ETS variant 2 and Jumonji domain-containing 2 histone demethylases. <i>Molecular Medicine Reports</i> , 2018, 17, 5518-5527.	1.1	14
87	JMJD5 links CRY1 function and proteasomal degradation. <i>PLoS Biology</i> , 2018, 16, e2006145.	2.6	13
88	Transcriptional repression mediated by the serum response factor. <i>FEBS Letters</i> , 1995, 357, 45-49.	1.3	12
89	Upregulation of PSMD10 caused by the JMJD2A histone demethylase. <i>International Journal of Clinical and Experimental Medicine</i> , 2016, 9, 10123-10134.	1.3	9
90	Cooperation between ETS transcription factor ETV1 and histone demethylase JMJD1A in colorectal cancer. <i>International Journal of Oncology</i> , 2020, 57, 1319-1332.	1.4	9

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91	Distinct Biochemical and Functional Properties of Two Rab5 Homologs from the Rice Blast Fungus <i>Magnaporthe oryzae</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 28299-28309.	1.6	8
92	JMJD5 couples with CDK9 to release the paused RNA polymerase II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19888-19895.	3.3	8
93	Transgenic expression of a canonical Wnt inhibitor, kallistatin, is associated with decreased circulating CD19+ B lymphocytes in the peripheral blood. <i>International Journal of Hematology</i> , 2017, 105, 748-757.	0.7	6
94	Cooperation between ETS transcription factor ETV1 and histone demethylase JMJD1A in colorectal cancer. <i>International Journal of Oncology</i> , 2020, 57, 1319-1332.	3.9	3
95	Sumoylation of transcription factor ETV1 modulates its oncogenic potential in prostate cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2021, 14, 795-810.	0.5	2
96	Inhibition of JMJD2 histone demethylase by curcumin analogs. <i>FASEB Journal</i> , 2012, 26, lb523.	0.2	0