Ralf Kittler

List of Publications by Year
in descending order

75 papers	5,169 citations	117625 34 h-index	110387 64 g-index
78 all docs	78 docs citations	78 times ranked	9188 citing authors

#	Article	IF	Citations
1	BAC TransgeneOmics: a high-throughput method for exploration of protein function in mammals. Nature Methods, 2008, 5, 409-415.	19.0	568
2	An endoribonuclease-prepared siRNA screen in human cells identifies genes essential for cell division. Nature, 2004, 432, 1036-1040.	27.8	369
3	Genomic Antagonism between Retinoic Acid and Estrogen Signaling in Breast Cancer. Cell, 2009, 137, 1259-1271.	28.9	271
4	Genome-scale RNAi profiling of cell division in human tissue culture cells. Nature Cell Biology, 2007, 9, 1401-1412.	10.3	270
5	A Genome-Scale RNAi Screen for Oct4 Modulators Defines a Role of the Paf1 Complex for Embryonic Stem Cell Identity. Cell Stem Cell, 2009, 4, 403-415.	11.1	252
6	HAUS, the 8-Subunit Human Augmin Complex, Regulates Centrosome and Spindle Integrity. Current Biology, 2009, 19, 816-826.	3.9	231
7	Molecular Evolution of Pediculus humanus and the Origin of Clothing. Current Biology, 2003, 13, 1414-1417.	3.9	230
8	A Comprehensive Survey of Human Y-Chromosomal Microsatellites. American Journal of Human Genetics, 2004, 74, 1183-1197.	6.2	194
9	The Mammalian SPD-2 Ortholog Cep192 RegulatesÂCentrosome Biogenesis. Current Biology, 2008, 18, 136-141.	3.9	169
10	Genome-wide resources of endoribonuclease-prepared short interfering RNAs for specific loss-of-function studies. Nature Methods, 2007, 4, 337-344.	19.0	167
11	Evaluation of saliva as a source of human DNA for population and association studies. Analytical Biochemistry, 2006, 353, 272-277.	2.4	166
12	Alternative Approaches for Efficient Inhibition of Hepatitis C Virus RNA Replication by Small Interfering RNAs. Journal of Virology, 2004, 78, 3436-3446.	3.4	158
13	Ablation of the oncogenic transcription factor ERG by deubiquitinase inhibition in prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4251-4256.	7.1	110
14	Role of Androgen Receptor Variants in Prostate Cancer: Report from the 2017 Mission Androgen Receptor Variants Meeting. European Urology, 2018, 73, 715-723.	1.9	105
15	Inhibition of Cancer Cell Proliferation by PPARÎ³ Is Mediated by a Metabolic Switch that Increases Reactive Oxygen Species Levels. Cell Metabolism, 2014, 20, 650-661.	16.2	103
16	Comparative profiling identifies C13orf3 as a component of the Ska complex required for mammalian cell division. EMBO Journal, 2009, 28, 1453-1465.	7.8	89
17	RNA interference rescue by bacterial artificial chromosome transgenesis in mammalian tissue culture cells. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2396-2401.	7.1	88
18	Taxane-Platin-Resistant Lung Cancers Co-develop Hypersensitivity to JumonjiC Demethylase Inhibitors. Cell Reports, 2017, 19, 1669-1684.	6.4	82

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19	TCF4Triplet Repeat Expansion and Nuclear RNA Foci in Fuchs' Endothelial Corneal Dystrophy. , 2015, 56, 2003.		81
20	Production of endoribonuclease-prepared short interfering RNAs for gene silencing in mammalian cells. Nature Methods, 2005, 2, 779-784.	19.0	76
21	Oncogenes Activate an Autonomous Transcriptional Regulatory Circuit That Drives Glioblastoma. Cell Reports, 2017, 18, 961-976.	6.4	76
22	HOT1 is a mammalian direct telomere repeat-binding protein contributing to telomerase recruitment. EMBO Journal, 2013, 32, 1681-1701.	7.8	74
23	A Comprehensive Nuclear Receptor Network for Breast Cancer Cells. Cell Reports, 2013, 3, 538-551.	6.4	73
24	Enzymatically prepared RNAi libraries. Nature Methods, 2006, 3, 696-700.	19.0	69
25	Consequences of Eukaryotic Enhancer Architecture for Gene Expression Dynamics, Development, and Fitness. PLoS Genetics, 2011, 7, e1002364.	3.5	69
26	Elimination of Radiation-Induced Senescence in the Brain Tumor Microenvironment Attenuates Glioblastoma Recurrence. Cancer Research, 2021, 81, 5935-5947.	0.9	62
27	Lsd1 Restricts the Number of Germline Stem Cells by Regulating Multiple Targets in Escort Cells. PLoS Genetics, 2014, 10, e1004200.	3.5	58
28	A Whole Genome Amplification Method to Generate Long Fragments from Low Quantities of Genomic DNA. Analytical Biochemistry, 2002, 300, 237-244.	2.4	57
29	Unsaturated Fatty Acids Stimulate Tumor Growth through Stabilization of Î²-Catenin. Cell Reports, 2015, 13, 495-503.	6.4	57
30	DAB2IP regulates cancer stem cell phenotypes through modulating stem cell factor receptor and ZEB1. Oncogene, 2015, 34, 2741-2752.	5.9	55
31	GCNA Preserves Genome Integrity and Fertility Across Species. Developmental Cell, 2020, 52, 38-52.e10.	7.0	53
32	Robust stratification of breast cancer subtypes using differential patterns of transcript isoform expression. PLoS Genetics, 2017, 13, e1006589.	3.5	53
33	Biomarker Accessible and Chemically Addressable Mechanistic Subtypes of BRAF Melanoma. Cancer Discovery, 2017, 7, 832-851.	9.4	49
34	Apparent intrachromosomal exchange on the human Y chromosome explained by population history. European Journal of Human Genetics, 2003, 11, 304-314.	2.8	46
35	Molecular Evolution of Pediculus humanus and the Origin of Clothing. Current Biology, 2004, 14, 2309.	3.9	42
36	RUVBL1/RUVBL2 ATPase Activity Drives PAQosome Maturation, DNA Replication and Radioresistance in Lung Cancer. Cell Chemical Biology, 2020, 27, 105-121.e14.	5.2	38

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37	RNA interference: gene silencing in the fast lane. Seminars in Cancer Biology, 2003, 13, 259-265.	9.6	36
38	The ubiquitin ligase TRIM25 targets ERG for degradation in prostate cancer. Oncotarget, 2016, 7, 64921-64931.	1.8	35
39	Neuregulin 1-HER axis as a key mediator of hyperglycemic memory effects in breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21058-21063.	7.1	34
40	HP1BP3, a Chromatin Retention Factor for Co-transcriptional MicroRNA Processing. Molecular Cell, 2016, 63, 420-432.	9.7	32
41	Functional Genomic Analysis of Cell Division by Endoribonuclease-Prepared siRNAs. Cell Cycle, 2005, 4, 561-564.	2.6	30
42	Nuclear FGFR1 Regulates Gene Transcription and Promotes Antiestrogen Resistance in ER+ Breast Cancer. Clinical Cancer Research, 2021, 27, 4379-4396.	7.0	30
43	Tissue-specific RNA interference in post-implantation mouse embryos using directional electroporation and whole embryo culture. Differentiation, 2004, 72, 92-102.	1.9	28
44	PPARÎ³-K107 SUMOylation regulates insulin sensitivity but not adiposity in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12102-12111.	7.1	27
45	Radiation-Induced DNA Damage Cooperates with Heterozygosity of TP53 and PTEN to Generate High-Grade Gliomas. Cancer Research, 2019, 79, 3749-3761.	0.9	23
46	A comprehensively characterized cell line panel highly representative of clinical ovarian high-grade serous carcinomas. Oncotarget, 2017, 8, 50489-50499.	1.8	23
47	Hormonal modulation of ESR1 mutant metastasis. Oncogene, 2021, 40, 997-1011.	5.9	22
48	An in vivo functional genomics screen of nuclear receptors and their co-regulators identifies FOXA1 as an essential gene in lung tumorigenesis. Neoplasia, 2020, 22, 294-310.	5.3	21
49	Allele-Specific Down-Regulation of RPTOR Expression Induced by Retinoids Contributes to Climate Adaptations. PLoS Genetics, 2010, 6, e1001178.	3.5	17
50	FoxA transcription factor Fork head maintains the intestinal stem/progenitor cell identities in Drosophila. Developmental Biology, 2018, 433, 324-343.	2.0	15
51	Systems biology of mammalian cell division. Cell Cycle, 2008, 7, 2123-2128.	2.6	13
52	Correlation-based Method for Automatic Mitotic Cell Detection in Phase Contrast Microscopy. Advances in Soft Computing, 2005, , 627-634.	0.4	12
53	Molecular Cytogenetics Guides Massively Parallel Sequencing of a Radiation-Induced Chromosome Translocation in Human Cells. Radiation Research, 2018, 190, 88.	1.5	11
54	Mithramycin suppresses DNA damage repair via targeting androgen receptor in prostate cancer. Cancer Letters, 2020, 488, 40-49.	7.2	11

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55	Identification of the Underlying Androgen Receptor Defect in the Dallas Reifenstein Family. Journal of the Endocrine Society, 2017, 1, 836-842.	0.2	6
56	Dynamic differences between DNA damage repair responses in primary tumors and cell lines. Translational Oncology, 2021, 14, 100898.	3.7	6
57	Lentiviral-Driven Discovery of Cancer Drug Resistance Mutations. Cancer Research, 2021, 81, 4685-4695.	0.9	6
58	Grade progression in urothelial carcinoma can occur with high or low mutational homology: a first-step toward tumor-specific care in initial low-grade bladder cancer. Oncotarget, 2018, 9, 9415-9424.	1.8	4
59	An integrated functional genomic analysis identifies the antitumorigenic mechanism of action for PPARÎ³ in lung cancer cells. Genomics Data, 2015, 3, 80-86.	1.3	3
60	PDTM-06. ALK AMPLIFICATION AND REARRANGEMENTS ARE RECURRENT TARGETABLE EVENTS IN GLIOBLASTOMA. Neuro-Oncology, 2018, 20, vi204-vi205.	1.2	3
61	Minireview: Familiar Faces in Unfamiliar Places: The Emerging Role of Nuclear Receptors in Lung Cancer. Molecular Endocrinology, 2015, 29, 1675-1683.	3.7	2
62	Structure-based classification of EGFR mutations informs inhibitor selection for lung cancer therapy. Cancer Cell, 2021, 39, 1455-1457.	16.8	2
63	Production of siRNA In Vitro by Enzymatic Digestion of Double-Stranded RNA. , 2004, , .		1
64	Harnessing the nuclear receptor PPARÎ³ to inhibit the growth of lung adenocarcinoma by rewiring metabolic circuitries. Molecular and Cellular Oncology, 2015, 2, e980660.	0.7	1
65	Targeting the turnover of oncoproteins as a new avenue for therapeutics development in castration-resistant prostate cancer. Cancer Letters, 2018, 438, 86-96.	7.2	1
66	RNA interference in postimplantation mouse embryos. , 2005, , 207-219.		0
67	MP44-03 LOW GRADE BLADDER TUMORS PROGRESS TO HIGH GRADE VIA TWO DISTINCT MECHANISMS. Journal of Urology, 2017, 197, .	0.4	0
68	Abstract 4779: RUVBL1 and RUBVL2 are chromatin remodelers that represent prognostic and novel therapeutic targets for a subset of non-small cell lung cancers (NSCLCs). , 2015, , .		0
69	Abstract 5334: Destabilization of EWS-Fli1 protein by deubiquitinase inhibition in Ewing Sarcoma. , 2017, , .		0
70	Abstract 1111: The chromatin remodelers RUVBL1 and RUVBL2 are prognostic factors and therapeutic targets in non-small cell lung cancer due to their roles in DNA replication, repair, and radiosensitization. , 2017, , .		0
71	Abstract 4402: FGFR1 signaling modulates estrogen-independent ER transcriptional activity in ER+/FGFR1-amplified breast cancer cells. , 2019, , .		0
72	Abstract 1304: FGFR1 associates with gene promoters and regulates transcription in ER+/FGFR1-amplified breast cancer: Implications for endocrine resistance. , 2020, , .		0

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73	Abstract PD7-04: Fibroblast growth factor receptor 1 associates with promoters genome-wide and regulates gene transcription in ER+/FGFR1-amplified breast cancer: Implications for endocrine resistance. , 2020, , .		0
74	Elucidating Mechanisms of Acquired Resistance to IDH Inhibition By Saturation Variant Screening of Base-Edited Leukemia Cells. Blood, 2020, 136, 3-3.	1.4	0
75	Abstract PD1-07: Mutant ESR1 receptors antagonize the tumor suppressor function of androgen receptors. Cancer Research, 2022, 82, PD1-07-PD1-07.	0.9	0