

Thomas GÃ¼nther

List of Publications by Year in descending order

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59
papers

4,743
citations

236925

25
h-index

144013

57
g-index

63
all docs

63
docs citations

63
times ranked

7046
citing authors

#	ARTICLE	IF	CITATIONS
1	LSD1 demethylates repressive histone marks to promote androgen-receptor-dependent transcription. <i>Nature</i> , 2005, 437, 436-439.	27.8	1,540
2	Cooperative demethylation by JMJD2C and LSD1 promotes androgen receptor-dependent gene expression. <i>Nature Cell Biology</i> , 2007, 9, 347-353.	10.3	546
3	The Expression of the Mouse Zic1, Zic2, and Zic3 Gene Suggests an Essential Role for Zic Genes in Body Pattern Formation. <i>Developmental Biology</i> , 1997, 182, 299-313.	2.0	307
4	Phosphorylation of histone H3T6 by PKC δ controls demethylation at histone H3K4. <i>Nature</i> , 2010, 464, 792-796.	27.8	259
5	The Epigenetic Landscape of Latent Kaposi Sarcoma-Associated Herpesvirus Genomes. <i>PLoS Pathogens</i> , 2010, 6, e1000935.	4.7	227
6	Long-range upstream and downstream enhancers control distinct subsets of the complex spatiotemporal Sox9 expression pattern. <i>Developmental Biology</i> , 2006, 291, 382-397.	2.0	148
7	SARS-CoV-2 outbreak investigation in a German meat processing plant. <i>EMBO Molecular Medicine</i> , 2020, 12, e13296.	6.9	137
8	KSHV-Initiated Notch Activation Leads to Membrane-Type-1 Matrix Metalloproteinase-Dependent Lymphatic Endothelial-to-Mesenchymal Transition. <i>Cell Host and Microbe</i> , 2011, 10, 577-590.	11.0	123
9	Selective targeting of the BRG/PB1 bromodomains impairs embryonic and trophoblast stem cell maintenance. <i>Science Advances</i> , 2015, 1, e1500723.	10.3	112
10	Molecular consequences of SARS-CoV-2 liver tropism. <i>Nature Metabolism</i> , 2022, 4, 310-319.	11.9	98
11	LSD1 promotes oxidative metabolism of white adipose tissue. <i>Nature Communications</i> , 2014, 5, 4093.	12.8	96
12	Deficiency in the LIM-only protein Fhl2 impairs skin wound healing. <i>Journal of Cell Biology</i> , 2007, 177, 163-172.	5.2	75
13	A novel murine model of myeloproliferative disorders generated by overexpression of the transcription factor NF-E2. <i>Journal of Experimental Medicine</i> , 2012, 209, 35-50.	8.5	67
14	A Comprehensive Analysis of Replicating Merkel Cell Polyomavirus Genomes Delineates the Viral Transcription Program and Suggests a Role for mcv-miR-M1 in Episomal Persistence. <i>PLoS Pathogens</i> , 2015, 11, e1004974.	4.7	64
15	Rapid Metagenomic Diagnostics for Suspected Outbreak of Severe Pneumonia. <i>Emerging Infectious Diseases</i> , 2014, 20, 1072-1075.	4.3	61
16	Fhl2 deficiency results in osteopenia due to decreased activity of osteoblasts. <i>EMBO Journal</i> , 2005, 24, 3049-3056.	7.8	60
17	The LIM-only coactivator FHL2 modulates WT1 transcriptional activity during gonadal differentiation. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1577, 93-101.	2.4	57
18	Lysine-specific demethylase 1 regulates differentiation onset and migration of trophoblast stem cells. <i>Nature Communications</i> , 2014, 5, 3174.	12.8	55

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19	Influence of ND10 Components on Epigenetic Determinants of Early KSHV Latency Establishment. <i>PLoS Pathogens</i> , 2014, 10, e1004274.	4.7	53
20	Cell Type-specific Functions of the Lysosomal Protease Cathepsin L in the Heart. <i>Journal of Biological Chemistry</i> , 2007, 282, 37045-37052.	3.4	52
21	Activation of the B Cell Antigen Receptor Triggers Reactivation of Latent Kaposi's Sarcoma-Associated Herpesvirus in B Cells. <i>Journal of Virology</i> , 2013, 87, 8004-8016.	3.4	49
22	The human cysteine protease cathepsin V can compensate for murine cathepsin L in mouse epidermis and hair follicles. <i>European Journal of Cell Biology</i> , 2004, 83, 775-780.	3.6	48
23	Recovery of the first full-length genome sequence of a parapoxvirus directly from a clinical sample. <i>Scientific Reports</i> , 2017, 7, 3734.	3.3	48
24	Kaposi's Sarcoma-Associated Herpesvirus Bacterial Artificial Chromosome Contains a Duplication of a Long Unique-Region Fragment within the Terminal Repeat Region. <i>Journal of Virology</i> , 2011, 85, 4612-4617.	3.4	35
25	Repression of Human Papillomavirus Oncogene Expression under Hypoxia Is Mediated by PI3K/mTORC2/AKT Signaling. <i>MBio</i> , 2019, 10, .	4.1	32
26	SARS-CoV-2 Reinfection in a Healthcare Worker Despite the Presence of Detectable Neutralizing Antibodies. <i>Viruses</i> , 2021, 13, 661.	3.3	27
27	The Viral Bcl-2 Homologs of Kaposi's Sarcoma-Associated Herpesvirus and Rhesus Rhadinovirus Share an Essential Role for Viral Replication. <i>Journal of Virology</i> , 2017, 91, .	3.4	26
28	Mouse Genetics Have Uncovered New Paradigms in Bone Biology. <i>Trends in Endocrinology and Metabolism</i> , 2000, 11, 189-193.	7.1	25
29	High-resolution analysis of Merkel Cell Polyomavirus in Merkel Cell Carcinoma reveals distinct integration patterns and suggests NHEJ and MMBIR as underlying mechanisms. <i>PLoS Pathogens</i> , 2020, 16, e1008562.	4.7	24
30	Specific expression in mouse mesoderm- and neural crest-derived tissues of a human PDGFRA promoter/lacZ transgene. <i>Mechanisms of Development</i> , 1998, 70, 167-180.	1.7	23
31	A comparative epigenome analysis of gammaherpesviruses suggests cis-acting sequence features as critical mediators of rapid polycomb recruitment. <i>PLoS Pathogens</i> , 2019, 15, e1007838.	4.7	23
32	Complete Genome Sequence of a SARS-CoV-2 Strain Isolated in Northern Germany. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	23
33	Oncogenic Herpesvirus Engages Endothelial Transcription Factors SOX18 and PROX1 to Increase Viral Genome Copies and Virus Production. <i>Cancer Research</i> , 2020, 80, 3116-3129.	0.9	17
34	First report of <i>Escherichia coli</i> co-producing NDM-1 and OXA-232. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 86, 437-438.	1.8	15
35	Merkel Cell Polyomavirus DNA Replication Induces Senescence in Human Dermal Fibroblasts in a Kap1/Trim28-Dependent Manner. <i>MBio</i> , 2020, 11, .	4.1	15
36	SARS Coronavirus-2 variant tracing within the first Coronavirus Disease 19 clusters in northern Germany. <i>Clinical Microbiology and Infection</i> , 2021, 27, 130.e5-130.e8.	6.0	14

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37	Kaposi's Sarcoma-Associated Herpesvirus Drives a Super-Enhancer-Mediated Survival Gene Expression Program in Primary Effusion Lymphoma. <i>MBio</i> , 2020, 11, .	4.1	13
38	The chromatin insulator CTCF regulates HPV18 transcript splicing and differentiation-dependent late gene expression. <i>PLoS Pathogens</i> , 2021, 17, e1010032.	4.7	13
39	ANP32B Deficiency Protects Mice From Lethal Influenza A Virus Challenge by Dampening the Host Immune Response. <i>Frontiers in Immunology</i> , 2020, 11, 450.	4.8	12
40	Rapid Automated Screening for SARS-CoV-2 B.1.617 Lineage Variants (Delta/Kappa) through a Versatile Toolset of qPCR-Based SNP Detection. <i>Diagnostics</i> , 2021, 11, 1818.	2.6	12
41	Fat or bone? A non-canonical decision. <i>Nature Cell Biology</i> , 2007, 9, 1229-1231.	10.3	11
42	Cellular Importin- β 3 Expression Dynamics in the Lung Regulate Antiviral Response Pathways against Influenza A Virus Infection. <i>Cell Reports</i> , 2020, 31, 107549.	6.4	11
43	Generation and Characterization of an Nse-CreERT2 Transgenic Line Suitable for Inducible Gene Manipulation in Cerebellar Granule Cells. <i>PLoS ONE</i> , 2014, 9, e100384.	2.5	10
44	Investigation of Viral and Host Chromatin by ChIP-PCR or ChIP-Seq Analysis. <i>Current Protocols in Microbiology</i> , 2016, 40, 1E.10.1-1E.10.21.	6.5	9
45	Integration of Sequencing and Epidemiologic Data for Surveillance of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infections in a Tertiary-Care Hospital. <i>Clinical Infectious Diseases</i> , 2023, 76, e263-e273.	5.8	9
46	The open brain (opb) mutation maps to mouse chromosome 1. <i>Mammalian Genome</i> , 1997, 8, 583-585.	2.2	7
47	Brd/BET Proteins Influence the Genome-Wide Localization of the Kaposi's Sarcoma-Associated Herpesvirus and Murine Gammaherpesvirus Major Latency Proteins. <i>Frontiers in Microbiology</i> , 2020, 11, 591778.	3.5	7
48	Studies of intestinal morphology and cathepsin B expression in a transgenic mouse aiming at intestine-specific expression of Cath B-EGFP. <i>Biological Chemistry</i> , 2011, 392, 983-93.	2.5	5
49	Clinical Evaluation of a Fully-Automated High-Throughput Multiplex Screening-Assay to Detect and Differentiate the SARS-CoV-2 B.1.1.529 (Omicron) and B.1.617.2 (Delta) Lineage Variants. <i>Viruses</i> , 2022, 14, 608.	3.3	5
50	High and Sustained Ex Vivo Frequency but Altered Phenotype of SARS-CoV-2-Specific CD4+ T-Cells in an Anti-CD20-Treated Patient with Prolonged COVID-19. <i>Viruses</i> , 2022, 14, 1265.	3.3	5
51	Epigenetic manipulation of host chromatin by Kaposi sarcoma-associated herpesvirus: a tumor-promoting factor?. <i>Current Opinion in Virology</i> , 2017, 26, 104-111.	5.4	4
52	Comparing susceptibility and contagiousness in concurrent outbreaks with a non-VOC and the VOC SARS-CoV-2 variant B.1.1.7 in daycare centers in Hamburg, Germany. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113928.	4.3	4
53	Kaposi's Sarcoma-Associated Herpesvirus Reactivation by Targeting of a dCas9-Based Transcription Activator to the ORF50 Promoter. <i>Viruses</i> , 2020, 12, 952.	3.3	3
54	Transcriptional behavior of the HIV-1 promoter in context of the BACH2 prominent proviral integration gene. <i>Virus Research</i> , 2021, 293, 198260.	2.2	3

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55	Dying of VOC-202012/01 "multimodal investigations in a death case of the SARS-CoV-2 variant. International Journal of Legal Medicine, 2022, 136, 193-202.	2.2	3
56	Yersinia remodels epigenetic histone modifications in human macrophages. PLoS Pathogens, 2021, 17, e1010074.	4.7	3
57	Development of Parathyroid Glands. , 2005, , 1-7.		2
58	Kaposi's Sarcoma-Associated Herpesvirus Lytic Replication Is Independent of Anaphase-Promoting Complex Activity. Journal of Virology, 2020, 94, .	3.4	1
59	Use of Transgenic Animals in Skeleton Biology. , 0, , 385-399.		0