

Dagmar Wirth

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,345
citations

331670

21
h-index

361022

35
g-index

55
all docs

55
docs citations

55
times ranked

1977
citing authors

#	ARTICLE	IF	CITATIONS
1	Road to precision: recombinase-based targeting technologies for genome engineering. <i>Current Opinion in Biotechnology</i> , 2007, 18, 411-419.	6.6	156
2	Mitophagy in Intestinal Epithelial Cells Triggers Adaptive Immunity during Tumorigenesis. <i>Cell</i> , 2018, 174, 88-101.e16.	28.9	93
3	Epigenetic silencing and tissue independent expression of a novel tetracycline inducible system in double-transgenic pigs. <i>FASEB Journal</i> , 2006, 20, 1200-1202.	0.5	76
4	A New Generation of Retroviral Producer Cells: Predictable and Stable Virus Production by Flp-Mediated Site-Specific Integration of Retroviral Vectors. <i>Molecular Therapy</i> , 2006, 14, 285-292.	8.2	68
5	Recombinant protein expression by targeting pre-selected chromosomal loci. <i>BMC Biotechnology</i> , 2009, 9, 100.	3.3	61
6	Reversible Silencing of Cytomegalovirus Genomes by Type I Interferon Governs Virus Latency. <i>PLoS Pathogens</i> , 2014, 10, e1003962.	4.7	56
7	Transcriptional control of SV40 T-antigen expression allows a complete reversion of immortalization. <i>Nucleic Acids Research</i> , 2004, 32, 5529-5538.	14.5	54
8	Synthetic Gene Regulation Circuits for Control of Cell Expansion. <i>Tissue Engineering - Part A</i> , 2010, 16, 441-452.	3.1	50
9	Bimodal and Hysteretic Expression in Mammalian Cells from a Synthetic Gene Circuit. <i>PLoS ONE</i> , 2008, 3, e2372.	2.5	48
10	Cell Polarization and Epigenetic Status Shape the Heterogeneous Response to Type III Interferons in Intestinal Epithelial Cells. <i>Frontiers in Immunology</i> , 2017, 8, 671.	4.8	41
11	Macrophage entrapped silica coated superparamagnetic iron oxide particles for controlled drug release in a 3D cancer model. <i>Journal of Controlled Release</i> , 2019, 294, 327-336.	9.9	40
12	Deletion of Kaposi's Sarcoma-Associated Herpesvirus FLICE Inhibitory Protein, vFLIP, from the Viral Genome Compromises the Activation of STAT1-Responsive Cellular Genes and Spindle Cell Formation in Endothelial Cells. <i>Journal of Virology</i> , 2011, 85, 10375-10388.	3.4	38
13	Efficient ROSA26-Based Conditional and/or Inducible Transgenesis Using RMCE-Compatible F1 Hybrid Mouse Embryonic Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 774-785.	5.6	37
14	Evaluation of Retroviral Vector Design in Defined Chromosomal Loci by Flp-Mediated Cassette Replacement. <i>Human Gene Therapy</i> , 2001, 12, 933-944.	2.7	36
15	Expansion of functional personalized cells with specific transgene combinations. <i>Nature Communications</i> , 2018, 9, 994.	12.8	35
16	Lentivirus Production Is Influenced by SV40 Large T-Antigen and Chromosomal Integration of the Vector in HEK293 Cells. <i>Human Gene Therapy</i> , 2011, 22, 1269-1279.	2.7	34
17	Retroviral Vectors for the Transduction of Autoregulated, Bidirectional Expression Cassettes. <i>Molecular Therapy</i> , 2001, 4, 484-489.	8.2	31
18	Effective intrahepatic CD8+ T-cell immune responses are induced by low but not high numbers of antigen-expressing hepatocytes. <i>Cellular and Molecular Immunology</i> , 2016, 13, 805-815.	10.5	30

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19	Eternity and functionality – rational access to physiologically relevant cell lines. <i>Biological Chemistry</i> , 2013, 394, 1637-1648.	2.5	27
20	Stability of single copy transgene expression in CHO1 cells is affected by histone modifications but not by DNA methylation. <i>Journal of Biotechnology</i> , 2015, 195, 15-29.	3.8	27
21	Controlled re-activation of epigenetically silenced Tet promoter-driven transgene expression by targeted demethylation. <i>Nucleic Acids Research</i> , 2017, 45, e147-e147.	14.5	26
22	Liver-expressed <i>Cd302</i> and <i>Cr11</i> limit hepatitis C virus cross-species transmission to mice. <i>Science Advances</i> , 2020, 6, .	10.3	23
23	Streamlining Homogeneous Glycoprotein Production for Biophysical and Structural Applications by Targeted Cell Line Development. <i>PLoS ONE</i> , 2011, 6, e27829.	2.5	22
24	Neoantigen Expression in Steady-State Langerhans Cells Induces CTL Tolerance. <i>Journal of Immunology</i> , 2017, 199, 1626-1634.	0.8	20
25	Uncoupling of the dynamics of host–pathogen interaction uncovers new mechanisms of viral interferon antagonism at the single-cell level. <i>Nucleic Acids Research</i> , 2014, 42, e109-e109.	14.5	16
26	Proliferation status defines functional properties of endothelial cells. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 1319-1333.	5.4	16
27	Stable and strictly controlled expression of LTR-flanked autoregulated expression cassettes upon adenoviral transfer. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 879-887.	2.1	14
28	Controlled Functional Zonation of Hepatocytes <i>In Vitro</i> by Engineering of Wnt Signaling. <i>ACS Synthetic Biology</i> , 2020, 9, 1638-1649.	3.8	13
29	Targeting Kaposi's Sarcoma-Associated Herpesvirus ORF21 Tyrosine Kinase and Viral Lytic Reactivation by Tyrosine Kinase Inhibitors Approved for Clinical Use. <i>Journal of Virology</i> , 2020, 94, .	3.4	12
30	Integrated Strategy for the Production of Therapeutic Retroviral Vectors. <i>Human Gene Therapy</i> , 2011, 22, 370-379.	2.7	11
31	Towards rational engineering of cells: Recombinant gene expression in defined chromosomal loci. <i>BMC Proceedings</i> , 2011, 5, O6.	1.6	11
32	Rapid Establishment of G-Protein-Coupled Receptor–Expressing Cell Lines by Site-Specific Integration. <i>Journal of Biomolecular Screening</i> , 2011, 16, 323-331.	2.6	11
33	An Inducible Transgenic Mouse Model for Immune Mediated Hepatitis Showing Clearance of Antigen Expressing Hepatocytes by CD8+ T Cells. <i>PLoS ONE</i> , 2013, 8, e68720.	2.5	11
34	Biocompatible Coatings from Smart Biopolymer Nanoparticles for Enzymatically Induced Drug Release. <i>Biomolecules</i> , 2018, 8, 103.	4.0	10
35	Model-based analysis of influenza A virus replication in genetically engineered cell lines elucidates the impact of host cell factors on key kinetic parameters of virus growth. <i>PLoS Computational Biology</i> , 2019, 15, e1006944.	3.2	10
36	An endothelial cell line infected by Kaposi's sarcoma-associated herpes virus (KSHV) allows the investigation of Kaposi's sarcoma and the validation of novel viral inhibitors in vitro and in vivo. <i>Journal of Molecular Medicine</i> , 2019, 97, 311-324.	3.9	10

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37	3D culture conditions support Kaposi's sarcoma herpesvirus (KSHV) maintenance and viral spread in endothelial cells. <i>Journal of Molecular Medicine</i> , 2021, 99, 425-438.	3.9	10
38	The CpG-sites of the CBX3 ubiquitous chromatin opening element are critical structural determinants for the anti-silencing function. <i>Scientific Reports</i> , 2017, 7, 7919.	3.3	8
39	TLR9-Mediated Conditioning of Liver Environment Is Essential for Successful Intrahepatic Immunotherapy and Effective Memory Recall. <i>Molecular Therapy</i> , 2017, 25, 2289-2298.	8.2	8
40	Single-cell analysis reveals heterogeneity in onset of transgene expression from synthetic tetracycline-dependent promoters. <i>Biotechnology Journal</i> , 2015, 10, 323-331.	3.5	7
41	Stable Expression by Lentiviral Transduction of Cells. <i>Methods in Molecular Biology</i> , 2018, 1850, 43-55.	0.9	6
42	Precise regulation of transgene expression level and control of cell physiology. <i>Cell Biology and Toxicology</i> , 2010, 26, 29-42.	5.3	5
43	Diet induced obesity has an influence on intrahepatic T cell responses. <i>Metabolism: Clinical and Experimental</i> , 2017, 69, 171-176.	3.4	5
44	In Vitro Expansion of Tissue Cells by Conditional Proliferation. <i>Methods in Molecular Medicine</i> , 2007, 140, 1-15.	0.8	4
45	Epigenetic modulations rendering cell-to-cell variability and phenotypic metastability. <i>Journal of Genetics and Genomics</i> , 2016, 43, 503-511.	3.9	4
46	Improved Functionality of Exhausted Intrahepatic CXCR5+ CD8+ T Cells Contributes to Chronic Antigen Clearance Upon Immunomodulation. <i>Frontiers in Immunology</i> , 2020, 11, 592328.	4.8	3
47	Defective interferon amplification and impaired host responses against influenza virus in obese mice. <i>Obesity</i> , 2021, 29, 1272-1278.	3.0	3
48	Rational Design of Single Copy Expression Cassettes in Defined Chromosomal Sites Overcomes Intracell-to-Cell Expression Heterogeneity and Ensures Robust Antibody Production. <i>ACS Synthetic Biology</i> , 2021, 10, 145-157.	3.8	3
49	3.4 Rational Approaches for Transgene Expression: Targeted Integration and Episomal Maintenance. , 2014, , 173-215.		2
50	CpG-ODN Facilitates Effective Intratracheal Immunization and Recall of Memory against Neoantigen-Expressing Alveolar Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1201.	4.8	2
51	Synthetic rewiring and boosting type I interferon responses for visualization and counteracting viral infections. <i>Nucleic Acids Research</i> , 2020, 48, 11799-11811.	14.5	1
52	Murine Alveolar Epithelial Cells and Their Lentivirus-mediated Immortalisation. <i>ATLA Alternatives To Laboratory Animals</i> , 2018, 46, 73-89.	1.0	0
53	Function or Expansion: How to Investigate Cells of Human Blood Vessels. <i>Frontiers for Young Minds</i> , 2018, 6, .	0.8	0