

Manfred Gossen

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67
papers

11,166
citations

31
h-index

71
g-index

71
ext. papers

11,917
ext. citations

8.5
avg, IF

5.97
L-index

#	Paper	IF	Citations
67	Tight control of gene expression in mammalian cells by tetracycline-responsive promoters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 5547-51	11.5	4330
66	Transcriptional activation by tetracyclines in mammalian cells. <i>Science</i> , 1995 , 268, 1766-9	33.3	2143
65	Temporal control of gene expression in transgenic mice by a tetracycline-responsive promoter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 9302-6	11.5	687
64	Doxycycline-mediated quantitative and tissue-specific control of gene expression in transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 10933-8	11.5	670
63	Co-regulation of two gene activities by tetracycline via a bidirectional promoter. <i>Nucleic Acids Research</i> , 1995 , 23, 3605-6	20.1	303
62	Global analysis of cellular protein translation by pulsed SILAC. <i>Proteomics</i> , 2009 , 9, 205-9	4.8	265
61	Tetracycline-controlled transcription in eukaryotes: novel transactivators with graded transactivation potential. <i>Nucleic Acids Research</i> , 1997 , 25, 2723-9	20.1	265
60	Control of gene activity in higher eukaryotic cells by prokaryotic regulatory elements. <i>Trends in Biochemical Sciences</i> , 1993 , 18, 471-5	10.3	215
59	Studying gene function in eukaryotes by conditional gene inactivation. <i>Annual Review of Genetics</i> , 2002 , 36, 153-73	14.5	183
58	Inducible gene expression systems for higher eukaryotic cells. <i>Current Opinion in Biotechnology</i> , 1994 , 5, 516-20	11.4	156
57	A chimeric transactivator allows tetracycline-responsive gene expression in whole plants. <i>Plant Journal</i> , 1994 , 5, 559-69	6.9	148
56	A Drosophila homolog of the yeast origin recognition complex. <i>Science</i> , 1995 , 270, 1674-7	33.3	135
55	Improved Tet-responsive promoters with minimized background expression. <i>BMC Biotechnology</i> , 2010 , 10, 81	3.5	131
54	Stimulation of cyclin-dependent kinase activity and G1- to S-phase transition in human lymphocytes by the human T-cell leukemia/lymphotropic virus type 1 Tax protein. <i>Journal of Virology</i> , 1998 , 72, 633-40	6.6	113
53	Generation of conditional mutants in higher eukaryotes by switching between the expression of two genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 1013-8	11.5	104
52	Tightly regulated and inducible expression of dominant interfering dynamin mutant in stably transformed HeLa cells. <i>Methods in Enzymology</i> , 1995 , 257, 209-20	1.7	96
51	Anhydrotetracycline, a novel effector for tetracycline controlled gene expression systems in eukaryotic cells. <i>Nucleic Acids Research</i> , 1993 , 21, 4411-2	20.1	92

50	Assembly of functionally active <i>Drosophila</i> origin recognition complex from recombinant proteins. <i>Genes and Development</i> , 1999 , 13, 1289-96	12.6	82
49	A protocol for combined Photinus and Renilla luciferase quantification compatible with protein assays. <i>Analytical Biochemistry</i> , 2006 , 356, 94-9	3.1	78
48	Functional haplotypes of the RET proto-oncogene promoter are associated with Hirschsprung disease (HSCR). <i>Human Molecular Genetics</i> , 2003 , 12, 3207-14	5.6	60
47	Separation of origin recognition complex functions by cross-species complementation. <i>Science</i> , 1995 , 270, 1671-4	33.3	53
46	Inducible expression of coding and inhibitory RNAs from retargetable genomic loci. <i>Nucleic Acids Research</i> , 2009 , 37, e50	20.1	51
45	Homogeneity and persistence of transgene expression by omitting antibiotic selection in cell line isolation. <i>Nucleic Acids Research</i> , 2008 , 36, e111	20.1	50
44	Use of tetracycline-controlled gene expression systems to study mammalian cell cycle. <i>Methods in Enzymology</i> , 1997 , 283, 159-73	1.7	48
43	Adipose-derived human mesenchymal stem cells induce long-term neurogenic and anti-inflammatory effects and improve cognitive but not motor performance in a rat model of Parkinson's disease. <i>Regenerative Medicine</i> , 2015 , 10, 431-46	2.5	45
42	A structural role for ATP in the formation and stability of the human origin recognition complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 4864-9	11.5	43
41	Engineering biodegradable micelles of polyethylenimine-based amphiphilic block copolymers for efficient DNA and siRNA delivery. <i>Journal of Controlled Release</i> , 2016 , 242, 71-79	11.7	41
40	Epigenetic immune cell counting in human blood samples for immunodiagnostics. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	35
39	Loss of methylation at the IFNG promoter and CNS-1 is associated with the development of functional IFN- γ memory in human CD4(+) T lymphocytes. <i>European Journal of Immunology</i> , 2013 , 43, 793-804	6.1	34
38	The power of reversibility regulating gene activities via tetracycline-controlled transcription. <i>Methods in Enzymology</i> , 2010 , 477, 429-53	1.7	33
37	Identification of mammalian cell clones exhibiting highly regulated expression from inducible promoters. <i>Trends in Genetics</i> , 1995 , 11, 219-20	8.5	31
36	Human adipose-derived mesenchymal stromal cells increase endogenous neurogenesis in the rat subventricular zone acutely after 6-hydroxydopamine lesioning. <i>Cytotherapy</i> , 2015 , 17, 199-214	4.8	29
35	Binding of <i>Drosophila</i> ORC proteins to anaphase chromosomes requires cessation of mitotic cyclin-dependent kinase activity. <i>Molecular and Cellular Biology</i> , 2009 , 29, 140-9	4.8	28
34	Photinus pyralis luciferase: vectors that contain a modified luc coding sequence allowing convenient transfer into other systems. <i>Gene</i> , 1994 , 141, 75-7	3.8	27
33	Competition for DNA binding sites between the short and long forms of E2 dimers underlies repression in bovine papillomavirus type 1 DNA replication control. <i>Journal of Virology</i> , 1998 , 72, 1931-40	6.6	27

32	The Fibrodysplasia Ossificans Progressiva (FOP) mutation p.R206H in ACVR1 confers an altered ligand response. <i>Cellular Signalling</i> , 2017 , 29, 23-30	4.9	25
31	Promoter crosstalk effects on gene expression. <i>Journal of Molecular Biology</i> , 2007 , 365, 911-20	6.5	25
30	Stability and homogeneity of transgene expression in isogenic cells. <i>Journal of Molecular Medicine</i> , 2006 , 84, 57-64	5.5	21
29	Tetracyclines in the control of gene expression in eukaryotes 2001 , 139-157		19
28	Streamlining homogeneous glycoprotein production for biophysical and structural applications by targeted cell line development. <i>PLoS ONE</i> , 2011 , 6, e27829	3.7	19
27	Generation of integration free induced pluripotent stem cells from fibrodysplasia ossificans progressiva (FOP) patients from urine samples. <i>Stem Cell Research</i> , 2016 , 16, 54-8	1.6	17
26	Different roles of the human Orc6 protein in the replication initiation process. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 3741-56	10.3	16
25	Glycoprotein production for structure analysis with stable, glycosylation mutant CHO cell lines established by fluorescence-activated cell sorting. <i>Protein Science</i> , 2010 , 19, 1264-71	6.3	15
24	Characterization of apoptosis-induced Mcm3 and Cdc6 cleavage reveals a proapoptotic effect for one Mcm3 fragment. <i>Cell Death and Differentiation</i> , 2004 , 11, 940-2	12.7	15
23	Polydepsipeptide Block-Stabilized Polyplexes for Efficient Transfection of Primary Human Cells. <i>Biomacromolecules</i> , 2017 , 18, 3819-3833	6.9	13
22	Tet-Transgenic Rodents: a comprehensive, up-to date database. <i>Transgenic Research</i> , 2013 , 22, 251-4	3.3	13
21	Control of gene activity in higher eukaryotic cells by prokaryotic regulatory elements. <i>Trends in Biotechnology</i> , 1994 , 12, 58-62	15.1	13
20	mRNA Transfection-Induced Activation of Primary Human Monocytes and Macrophages: Dependence on Carrier System and Nucleotide Modification. <i>Scientific Reports</i> , 2020 , 10, 4181	4.9	12
19	Influence of surface roughness on neural differentiation of human induced pluripotent stem cells. <i>Clinical Hemorheology and Microcirculation</i> , 2016 , 64, 355-366	2.5	12
18	Site-specific chromosomal gene insertion: Flp recombinase versus Cas9 nuclease. <i>Scientific Reports</i> , 2017 , 7, 17771	4.9	12
17	Modes of TAL effector-mediated repression. <i>Nucleic Acids Research</i> , 2014 , 42, 13061-73	20.1	9
16	The bovine papillomavirus E2 transactivator is stimulated by the E1 initiator through the E2 activation domain. <i>Virology</i> , 2000 , 270, 430-43	3.6	9
15	Turning fibroblasts into cardiomyocytes: technological review of cardiac transdifferentiation strategies. <i>FASEB Journal</i> , 2019 , 33, 49-70	0.9	9

14	A novel selection strategy for antibody producing hybridoma cells based on a new transgenic fusion cell line. <i>Scientific Reports</i> , 2020 , 10, 1664	4.9	8
13	Regenerative Medicine/Cardiac Cell Therapy: Pluripotent Stem Cells. <i>Thoracic and Cardiovascular Surgeon</i> , 2018 , 66, 53-62	1.6	8
12	Integrin α 1 activation by micro-scale curvature promotes pro-angiogenic secretion of human mesenchymal stem cells. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7415-7425	7.3	8
11	Bio-instructive hydrogel expands the paracrine potency of mesenchymal stem cells. <i>Biofabrication</i> , 2021 , 13,	10.5	8
10	Development of a BAC vector for integration-independent and tight regulation of transgenes in rodents via the Tet system. <i>Transgenic Research</i> , 2011 , 20, 709-20	3.3	7
9	Generation of a human induced pluripotent stem cell line (BIHi002-A) from a patient with CLCN7-related infantile malignant autosomal recessive osteopetrosis. <i>Stem Cell Research</i> , 2019 , 35, 1013-167	1.6	5
8	Strategies for simultaneous and successive delivery of RNA. <i>Journal of Molecular Medicine</i> , 2020 , 98, 1767-1779	5.5	5
7	Efficient generation of osteoclasts from human induced pluripotent stem cells and functional investigations of lethal CLCN7-related osteopetrosis. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 1621-1635	6.3	3
6	A High Content Screening Assay for Evaluation of Biomaterial-Mediated Cell Fusion Processes. <i>Macromolecular Symposia</i> , 2014 , 346, 91-99	0.8	2
5	Modulation of the mesenchymal stem cell migration capacity via preconditioning with topographic microstructure. <i>Clinical Hemorheology and Microcirculation</i> , 2017 , 67, 267-278	2.5	2
4	Selective cell targeting and lineage tracing of human induced pluripotent stem cells using recombinant avian retroviruses. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 4671-80	10.3	1
3	Chemical modification of uridine modulates mRNA-mediated proinflammatory and antiviral response in primary human macrophages.. <i>Molecular Therapy - Nucleic Acids</i> , 2022 , 27, 854-869	10.7	0
2	Establishing Mammalian Production Cell Lines for Structural Biology by Site-Specific Recombination 2012 , 265-268		
1	Co-delivery of genes can be confounded by bicistronic vector design.. <i>MRS Communications</i> , 2022 , 12, 1-9	2.7	