

Manfred Gossen

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

12,657
citations

147801

31
h-index

98798

67
g-index

71
all docs

71
docs citations

71
times ranked

10137
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.1	21
2	Co-delivery of genes can be confounded by bicistronic vector design. <i>MRS Communications</i> , 2022, 12, 1-9.	1.8	0
3	Transposon-mediated glial cell line-derived neurotrophic factor overexpression in human adipose tissue-derived mesenchymal stromal cells: A potential approach for neuroregenerative medicine?. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 515-529.	2.7	1
4	Limiting Transactivator Amounts Contribute to Transgene Mosaicism in Tet-On All-in-One Systems. <i>ACS Synthetic Biology</i> , 2022, 11, 2623-2635.	3.8	5
5	Bio-instructive hydrogel expands the paracrine potency of mesenchymal stem cells. <i>Biofabrication</i> , 2021, 13, 045002.	7.1	32
6	Strategies for simultaneous and successive delivery of RNA. <i>Journal of Molecular Medicine</i> , 2020, 98, 1767-1779.	3.9	8
7	mRNA Transfection-Induced Activation of Primary Human Monocytes and Macrophages: Dependence on Carrier System and Nucleotide Modification. <i>Scientific Reports</i> , 2020, 10, 4181.	3.3	33
8	A novel selection strategy for antibody producing hybridoma cells based on a new transgenic fusion cell line. <i>Scientific Reports</i> , 2020, 10, 1664.	3.3	16
9	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> , 2020, 36, 1621-1635.	2.8	25
10	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, 101367.	0.7	10
11	Turning fibroblasts into cardiomyocytes: technological review of cardiac transdifferentiation strategies. <i>FASEB Journal</i> , 2019, 33, 49-70.	0.5	14
12	Regenerative Medicine/Cardiac Cell Therapy: Pluripotent Stem Cells. <i>Thoracic and Cardiovascular Surgeon</i> , 2018, 66, 053-062.	1.0	13
13	Epigenetic immune cell counting in human blood samples for immunodiagnostics. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	83
14	Polydepsipeptide Block-Stabilized Polyplexes for Efficient Transfection of Primary Human Cells. <i>Biomacromolecules</i> , 2017, 18, 3819-3833.	5.4	15
15	Integrin α 21 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.	5.8	13
16	The Fibrodysplasia Ossificans Progressiva (FOP) mutation p.R206H in ACVR1 confers an altered ligand response. <i>Cellular Signalling</i> , 2017, 29, 23-30.	3.6	34
17	Influence of surface roughness on neural differentiation of human induced pluripotent stem cells. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 64, 355-366.	1.7	16
18	Modulation of the mesenchymal stem cell migration capacity via preconditioning with topographic microstructure. <i>Clinical Hemorheology and Microcirculation</i> , 2017, 67, 267-278.	1.7	2

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19	Site-specific chromosomal gene insertion: Flp recombinase versus Cas9 nuclease. <i>Scientific Reports</i> , 2017, 7, 17771.	3.3	17
20	Generation of integration free induced pluripotent stem cells from fibrodysplasia ossificans progressiva (FOP) patients from urine samples. <i>Stem Cell Research</i> , 2016, 16, 54-58.	0.7	20
21	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.	9.9	47
22	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.	0.7	38
23	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, 431-446.	1.7	59
24	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, 4671-4680.	5.4	1
25	Modes of TAL effector-mediated repression. <i>Nucleic Acids Research</i> , 2014, 42, 13061-13073.	14.5	10
26	A High Content Screening Assay for Evaluation of Biomaterial-Mediated Cell Fusion Processes. <i>Macromolecular Symposia</i> , 2014, 346, 91-99.	0.7	2
27	Tet-Transgenic Rodents: a comprehensive, up-to date database. <i>Transgenic Research</i> , 2013, 22, 251-254.	2.4	16
28	Loss of methylation at the <i>IFNG</i> promoter and <i>CNS</i> is associated with the development of functional <i>IFN</i> ³ memory in human <i>CD</i> ⁴ ⁺ <i>T</i> lymphocytes. <i>European Journal of Immunology</i> , 2013, 43, 793-804.	2.9	44
29	Establishing Mammalian Production Cell Lines for Structural Biology by Site-Specific Recombination. , 2012, , 265-268.		0
30	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, 709-720.	2.4	8
31	Different roles of the human Orc6 protein in the replication initiation process. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3741-3756.	5.4	22
32	Streamlining Homogeneous Glycoprotein Production for Biophysical and Structural Applications by Targeted Cell Line Development. <i>PLoS ONE</i> , 2011, 6, e27829.	2.5	22
33	Improved Tet-responsive promoters with minimized background expression. <i>BMC Biotechnology</i> , 2010, 10, 81.	3.3	179
34	Glycoprotein production for structure analysis with stable, glycosylation mutant CHO cell lines established by fluorescence-activated cell sorting. <i>Protein Science</i> , 2010, 19, 1264-1271.	7.6	15
35	The Power of Reversibility. <i>Methods in Enzymology</i> , 2010, 477, 429-453.	1.0	38
36	Inducible expression of coding and inhibitory RNAs from retargetable genomic loci. <i>Nucleic Acids Research</i> , 2009, 37, e50-e50.	14.5	71

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37	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, 140-149.	2.3	36
38	Global analysis of cellular protein translation by pulsed SILAC. <i>Proteomics</i> , 2009, 9, 205-209.	2.2	314
39	Homogeneity and persistence of transgene expression by omitting antibiotic selection in cell line isolation. <i>Nucleic Acids Research</i> , 2008, 36, e111-e111.	14.5	58
40	Promoter Crosstalk Effects on Gene Expression. <i>Journal of Molecular Biology</i> , 2007, 365, 911-920.	4.2	33
41	Conditional gene expression: Intelligent designs. <i>Gene Therapy</i> , 2006, 13, 1251-1252.	4.5	3
42	A protocol for combined Photinus and Renilla luciferase quantification compatible with protein assays. <i>Analytical Biochemistry</i> , 2006, 356, 94-99.	2.4	99
43	Stability and homogeneity of transgene expression in isogenic cells. <i>Journal of Molecular Medicine</i> , 2006, 84, 57-64.	3.9	26
44	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, 4864-4869.	7.1	44
45	Characterization of apoptosis-induced Mcm3 and Cdc6 cleavage reveals a proapoptotic effect for one Mcm3 fragment. <i>Cell Death and Differentiation</i> , 2004, 11, 940-942.	11.2	16
46	Functional haplotypes of the RET proto-oncogene promoter are associated with Hirschsprung disease (HSCR). <i>Human Molecular Genetics</i> , 2003, 12, 3207-3214.	2.9	67
47	Studying Gene Function in Eukaryotes by Conditional Gene Inactivation. <i>Annual Review of Genetics</i> , 2002, 36, 153-173.	7.6	196
48	Tetracyclines in the control of gene expression in eukaryotes. , 2001, , 139-157.		21
49	The Bovine Papillomavirus E2 Transactivator Is Stimulated by the E1 Initiator through the E2 Activation Domain. <i>Virology</i> , 2000, 270, 430-443.	2.4	9
50	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, 1013-1018.	7.1	114
51	Assembly of functionally active <i>Drosophila</i> origin recognition complex from recombinant proteins. <i>Genes and Development</i> , 1999, 13, 1289-1296.	5.9	93
52	Stimulation of Cyclin-Dependent Kinase Activity and G 1 - 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, 633-640.	3.4	134
53	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, 1931-1940.	3.4	30
54	Use of tetracycline-controlled gene expression systems to study mammalian cell cycle. <i>Methods in Enzymology</i> , 1997, 283, 159-173.	1.0	59

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55	Tetracycline-controlled transcription in eukaryotes: novel transactivators with graded transactivation potential. <i>Nucleic Acids Research</i> , 1997, 25, 2723-2729.	14.5	307
56	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, 10933-10938.	7.1	742
57	[24] Tightly regulated and inducible expression of dominant interfering dynamin mutant in stably transformed HeLa cells. <i>Methods in Enzymology</i> , 1995, 257, 209-220.	1.0	103
58	Identification of mammalian cell clones exhibiting highly regulated expression from inducible promoters. <i>Trends in Genetics</i> , 1995, 11, 219-220.	6.7	33
59	Co-regulation of two gene activities by tetracycline via a bidirectional promoter. <i>Nucleic Acids Research</i> , 1995, 23, 3605-3606.	14.5	319
60	A <i>Drosophila</i> Homolog of the Yeast Origin Recognition Complex. <i>Science</i> , 1995, 270, 1674-1677.	12.6	153
61	Separation of Origin Recognition Complex Functions by Cross-Species Complementation. <i>Science</i> , 1995, 270, 1671-1674.	12.6	59
62	Transcriptional activation by tetracyclines in mammalian cells. <i>Science</i> , 1995, 268, 1766-1769.	12.6	2,391
63	Inducible gene expression systems for higher eukaryotic cells. <i>Current Opinion in Biotechnology</i> , 1994, 5, 516-520.	6.6	175
64	Control of gene activity in higher eukaryotic cells by prokaryotic regulatory elements. <i>Trends in Biotechnology</i> , 1994, 12, 58-62.	9.3	13
65	<i>Photinus pyralis</i> luciferase: vectors that contain a modified luc coding sequence allowing convenient transfer into other systems. <i>Gene</i> , 1994, 141, 75-77.	2.2	28
66	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, 9302-9306.	7.1	756
67	A chimeric transactivator allows tetracycline-responsive gene expression in whole plants. <i>Plant Journal</i> , 1994, 5, 559-569.	5.7	180
68	Control of gene activity in higher eukaryotic cells by prokaryotic regulatory elements. <i>Trends in Biochemical Sciences</i> , 1993, 18, 471-475.	7.5	241
69	Anhydrotetracycline, a novel effector for tetracycline controlled gene expression systems in eukaryotic cells. <i>Nucleic Acids Research</i> , 1993, 21, 4411-4412.	14.5	104
70	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, 5547-5551.	7.1	4,751