GÃ¶tz Laible

List of Publications by Year
in descending order

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52	2,575	318942	223390
papers	citations	23	49
		h-index	g-index

55	55	55	2844
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The genomes of precision edited cloned calves show no evidence for off-target events or increased de novo mutagenesis. BMC Genomics, 2021, 22, 457.	1.2	6
2	Cetuximab produced from a goat mammary gland expression system is equally efficacious as innovator cetuximab in animal cancer models. Biotechnology Reports (Amsterdam, Netherlands), 2020, 28, e00533.	2.1	2
3	Transgenic goats producing an improved version of cetuximab in milk. FASEB BioAdvances, 2020, 2, 638-652.	1.3	3
4	Embryo-mediated genome editing for accelerated genetic improvement of livestock. Frontiers of Agricultural Science and Engineering, 2020, 7, 148.	0.9	22
5	Episomal minicircles persist in periods of transcriptional inactivity and can be transmitted through somatic cell nuclear transfer into bovine embryos. Molecular Biology Reports, 2019, 46, 1737-1746.	1.0	4
6	Cattle with a precise, zygote-mediated deletion safely eliminate the major milk allergen beta-lactoglobulin. Scientific Reports, 2018, 8, 7661.	1.6	51
7	Production of Transgenic Livestock: Overview of Transgenic Technologies. , 2018, , 95-121.		5
8	ÐC31 Integrase-Mediated Isolation and Characterization of Novel Safe Harbors for Transgene Expression in the Pig Genome. International Journal of Molecular Sciences, 2018, 19, 149.	1.8	2
9	Development and Pre-Clinical Evaluation of Recombinant Human Myelin Basic Protein Nano Therapeutic Vaccine in Experimental Autoimmune Encephalomyelitis Mice Animal Model. Scientific Reports, 2017, 7, 46468.	1.6	22
10	KDM4B-mediated reduction of H3K9me3 and H3K36me3 levels improves somatic cell reprogramming into pluripotency. Scientific Reports, 2017, 7, 7514.	1.6	32
11	Taillessness in a Cloned Cow is Not Genetically Transmitted. Cellular Reprogramming, 2017, 19, 331-336.	0.5	3
12	Increased gene dosage for Î²- and Îº-casein in transgenic cattle improves milk composition through complex effects. Scientific Reports, 2016, 6, 37607.	1.6	10
13	Isozygous and selectable marker-free MSTN knockout cloned pigs generated by the combined use of CRISPR/Cas9 and Cre/LoxP. Scientific Reports, 2016, 6, 31729.	1.6	65
14	Strategies to enable the adoption of animal biotechnology to sustainably improve global food safety and security. Transgenic Research, 2016, 25, 575-595.	1.3	20
15	Adeno-associated-virus-mediated transduction of the mammary gland enables sustained production of recombinant proteins in milk. Scientific Reports, 2015, 5, 15115.	1.6	4
16	Efficient introgression of allelic variants by embryo-mediated editing of the bovine genome. Scientific Reports, 2015, 5, 11735.	1.6	38
17	Improving livestock for agriculture â€“ technological progress from random transgenesis to precision genome editing heralds a new era. Biotechnology Journal, 2015, 10, 109-120.	1.8	71
18	Exposure to DNA is insufficient for in vitro transgenesis of live bovine sperm and embryos. Reproduction, 2013, 145, 97-108.	1.1	34

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19	Coupled solid phase extraction and microparticle-based stability and purity-indicating immunosensor for the determination of recombinant human myelin basic protein in transgenic milk. Talanta, 2013, 109, 7-12.	2.9	10
20	Transient JMJD2B-Mediated Reduction of H3K9me3 Levels Improves Reprogramming of Embryonic Stem Cells into Cloned Embryos. Molecular and Cellular Biology, 2013, 33, 974-983.	1.1	55
21	UC Davis transgenic animal research conference VIII. Transgenic Research, 2012, 21, 1375-1376.	1.3	0
22	Targeted microRNA expression in dairy cattle directs production of Â-lactoglobulin-free, high-casein milk. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16811-16816.	3.3	91
23	Primary Transgenic Bovine Cells and Their Rejuvenated Cloned Equivalents Show Transgene-Specific Epigenetic Differences. PLoS ONE, 2012, 7, e35619.	1.1	7
24	Transgenic Livestock transgenic crop livestock , Enhanced Nutritional Quality transgenic crop livestock enhanced nutritional quality in. , 2012, , 10852-10863.		0
25	CZE with On-line Micellar Sample Stacking for Determination of Protein Concentration of Biopharmaceuticals. Chromatographia, 2011, 73, 1145-1153.	0.7	9
26	Probing the interaction between recombinant human myelin basic protein and caseins using surface plasmon resonance and diffusing wave spectroscopy. Journal of Molecular Recognition, 2010, 23, 84-92.	1.1	12
27	Meeting report: Transgenic Animal Research Conference VII. Biotechnology Journal, 2010, 5, 14-16.	1.8	1
28	DNA Oligonucleotides and Plasmids Perform Equally as Donors for Targeted Gene Conversion. Biochemical Genetics, 2010, 48, 897-908.	0.8	2
29	Enhancing livestock through genetic engineeringâ€"Recent advances and future prospects. Comparative Immunology, Microbiology and Infectious Diseases, 2009, 32, 123-137.	0.7	57
30	On-line casein micelle disruption for downstream purification of recombinant human myelin basic protein produced in the milk of transgenic cows. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 1667-1677.	1.2	16
31	Siteâ€specific modification of the bovine genome using Cre recombinaseâ€mediated gene targeting.. Biotechnology Journal, 2009, 4, 108-118.	1.8	12
32	Gene targeting from laboratory to livestock: Current status and emerging concepts. Biotechnology Journal, 2009, 4, 1278-1292.	1.8	46
33	Recent advances and future options for New Zealand agriculture derived from animal cloning and transgenics. New Zealand Journal of Agricultural Research, 2007, 50, 103-124.	0.9	12
34	Compositional analysis of dairy products derived from clones and cloned transgenic cattle. Theriogenology, 2007, 67, 166-177.	0.9	39
35	Bovine fetal microchimerism in normal and embryo transfer pregnancies and its implications for biotechnology applications in cattle. Biotechnology Journal, 2007, 2, 486-491.	1.8	27
36	Protamine sulfate protects exogenous DNA against nuclease degradation but is unable to improve the efficiency of bovine sperm mediated transgenesis. Animal Reproduction Science, 2006, 91, 23-30.	0.5	21

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37	Transgenic Cattle Applications: The Transition from Promise to Proof. Biotechnology and Genetic Engineering Reviews, 2006, 22, 125-150.	2.4	7
38	Oligonucleotide-mediated gene modification and its promise for animal agriculture. Gene, 2006, 366, 17-26.	1.0	3
39	Reporter System for the Detection of In Vivo Gene Conversion: Changing Colors From Blue to Green Using GFP Variants. Molecular Biotechnology, 2006, 33, 115-122.	1.3	3
40	Cloning livestock: a return to embryonic cells. Trends in Biotechnology, 2003, 21, 428-432.	4.9	26
41	Cloned transgenic cattle produce milk with higher levels of Î²-casein and Îº-casein. Nature Biotechnology, 2003, 21, 157-162.	9.4	227
42	Coordination between donor cell type and cell cycle stage improves nuclear cloning efficiency in cattle. Theriogenology, 2003, 59, 45-59.	0.9	161
43	Over-expression of the SUV39H1 histone methyltransferase induces altered proliferation and differentiation in transgenic mice. Mechanisms of Development, 2001, 107, 141-153.	1.7	51
44	Isolation and Characterization of Suv39h2 , a Second Histone H3 Methyltransferase Gene That Displays Testis-Specific Expression. Molecular and Cellular Biology, 2000, 20, 9423-9433.	1.1	274
45	The murine polycomb-group genes Ezh1 and Ezh2 map close to Hox gene clusters on mouse Chromosomes 11 and 6 Accession numbers. The genomic Ezh1 (accession number AF104360) and genomic Ezh2 (accession number AF104359) sequences have been deposited in GenBank. The fine mapping data of the murine Ezh1 and Ezh2 loci presented in this study have been submitted to MGD and can be accessed under accession number J:50304 -->. Mammalian Genome, 1999, 10, 311-314.	1.0	16
46	Extension of chromatin accessibility by nuclear matrix attachment regions. Nature, 1997, 385, 269-272.	13.7	237
47	Mammalian homologues of the Polycomb-group gene Enhancer of zeste mediate gene silencing in Drosophila heterochromatin and at S.cerevisiae telomeres. EMBO Journal, 1997, 16, 3219-3232.	3.5	260
48	Characterization of a gene encoding a DNA-binding protein that interacts in vitro with vascular specific cis elements of the phenylalanine ammonia-lyase promoter. Plant Molecular Biology, 1997, 35, 281-291.	2.0	28
49	Crystallization of a Genetically Engineered Water-soluble Primary Penicillin Target Enzyme. Journal of Molecular Biology, 1993, 232, 1007-1009.	2.0	14
50	Penicillin-binding protein 2x of Streptococcus pneumoniae. Expression in Escherichia coli and purification of a soluble enzymatically active derivative. FEBS Journal, 1992, 207, 943-949.	0.2	27
51	Interspecies recombinational events during the evolution of altered PBP 2x genes in penicillin-resistant clinical isolates of Streptococcus pneumoniae. Molecular Microbiology, 1991, 5, 1993-2002.	1.2	300
52	Nucleotide sequences of the pbpX genes encoding the penicillin-binding proteins 2x from Streptococcus pneumoniae R6 and a cefotaxime-resistant mutant, C506. Molecular Microbiology, 1989, 3, 1337-1348.	1.2	125