

Stefan Moisyadi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11188665/publications.pdf>

Version: 2024-02-01

37
papers

1,234
citations

393982

19
h-index

377514

34
g-index

39
all docs

39
docs citations

39
times ranked

1420
citing authors

#	ARTICLE	IF	CITATIONS
1	piggyBac is a flexible and highly active transposon as compared to Sleeping Beauty, Tol2, and Mos1 in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15008-15013.	3.3	314
2	Expression of Foreign DNA Is Associated with Paternal Chromosome Degradation in Intracytoplasmic Sperm Injection-Mediated Transgenesis in the Mouse1. <i>Biology of Reproduction</i> , 2003, 68, 1903-1910.	1.2	67
3	Helper-independent <i>piggyBac</i> plasmids for gene delivery approaches: Strategies for avoiding potential genotoxic effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8117-8122.	3.3	59
4	Transcription activator like effector (TALE)-directed piggyBac transposition in human cells. <i>Nucleic Acids Research</i> , 2013, 41, 9197-9207.	6.5	59
5	Pyrophosphate Supplementation Prevents Chronic and Acute Calcification in ABCC6-Deficient Mice. <i>American Journal of Pathology</i> , 2017, 187, 1258-1272.	1.9	59
6	GNAI1 and GNAI3 Reduce Colitis-Associated Tumorigenesis in Mice by Blocking IL6 Signaling and Down-regulating Expression of GNAI2. <i>Gastroenterology</i> , 2019, 156, 2297-2312.	0.6	59
7	Hyperactive self-inactivating <i>piggyBac</i> for transposase-enhanced pronuclear microinjection transgenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19184-19189.	3.3	49
8	Active integration: new strategies for transgenesis. <i>Transgenic Research</i> , 2007, 16, 333-339.	1.3	48
9	The FoxO3 gene and cause-specific mortality. <i>Aging Cell</i> , 2016, 15, 617-624.	3.0	48
10	Chimeric piggyBac transposases for genomic targeting in human cells. <i>Nucleic Acids Research</i> , 2012, 40, 6978-6991.	6.5	46
11	Tn5 Transposase-Mediated Mouse Transgenesis1. <i>Biology of Reproduction</i> , 2005, 73, 1157-1163.	1.2	39
12	Pig transgenesis by piggyBac transposition in combination with somatic cell nuclear transfer. <i>Transgenic Research</i> , 2013, 22, 1107-1118.	1.3	37
13	Structure-function analysis of mouse Sry reveals dual essential roles of the C-terminal polyglutamine tract in sex determination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11768-11773.	3.3	36
14	Use of intracytoplasmic sperm injection (ICSI) to generate transgenic animals. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2009, 32, 47-60.	0.7	35
15	Generation of Transgenic Pigs by Cytoplasmic Injection of piggyBac Transposase-Based pmGENIE-3 Plasmids1. <i>Biology of Reproduction</i> , 2014, 90, 93.	1.2	35
16	Recombinase-mediated mouse transgenesis by intracytoplasmic sperm injection. <i>Theriogenology</i> , 2005, 64, 1704-1715.	0.9	28
17	Transgenic overexpression of growth differentiation factor 11 propeptide in skeleton results in transformation of the seventh cervical vertebra into a thoracic vertebra. <i>Molecular Reproduction and Development</i> , 2010, 77, 990-997.	1.0	28
18	Production of inbred and hybrid transgenic mice carrying large (> 200 kb) foreign DNA fragments by intracytoplasmic sperm injection. <i>Molecular Reproduction and Development</i> , 2005, 72, 329-335.	1.0	27

#	ARTICLE	IF	CITATIONS
19	Longevity-Associated <i>FOXO3</i> Genotype and its Impact on Coronary Artery Disease Mortality in Japanese, Whites, and Blacks: A Prospective Study of Three American Populations. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw196.	1.7	23
20	Regulation and Effects of Modulation of Telomerase Reverse Transcriptase Expression in Primordial Germ Cells During Development. <i>1. Biology of Reproduction</i> , 2006, 75, 785-791.	1.2	19
21	Upregulated ethanolamine phospholipid synthesis via selenoprotein I is required for effective metabolic reprogramming during T cell activation. <i>Molecular Metabolism</i> , 2021, 47, 101170.	3.0	19
22	PhiC31/PiggyBac modified stromal stem cells: effect of interferon \hat{I}^3 and/or tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) on murine melanoma. <i>Molecular Cancer</i> , 2014, 13, 255.	7.9	16
23	Establishment of cell-based transposon-mediated transgenesis in cattle. <i>Theriogenology</i> , 2016, 85, 1297-1311.e2.	0.9	13
24	Ultrasound Directs a Transposase System for Durable Hepatic Gene Delivery in Mice. <i>Ultrasound in Medicine and Biology</i> , 2013, 39, 2351-2361.	0.7	12
25	Transpositional transgenesis with <i>piggyBac</i> . <i>Mobile Genetic Elements</i> , 2013, 3, e25167.	1.8	10
26	Vaccination with a piggyBac plasmid with transgene integration potential leads to sustained antigen expression and CD8+ T cell responses. <i>Vaccine</i> , 2014, 32, 1670-1677.	1.7	9
27	Production of functional human nerve growth factor from the saliva of transgenic mice by using salivary glands as bioreactors. <i>Scientific Reports</i> , 2017, 7, 41270.	1.6	8
28	Human adipose stem cell and ASC-derived cardiac progenitor cellular therapy improves outcomes in a murine model of myocardial infarction. <i>Stem Cells and Cloning: Advances and Applications</i> , 2015, 8, 135.	2.3	5
29	Characterization of Growth and Reproduction Performance, Transgene Integration, Expression, and Transmission Patterns in Transgenic Pigs Produced by piggyBac Transposition-Mediated Gene Transfer. <i>Animal Biotechnology</i> , 2016, 27, 245-255.	0.7	5
30	Effective Targeted Gene Knockdown in Mammalian Cells Using the piggyBac Transposase-based Delivery System. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e137.	2.3	4
31	Adjuvants may reduce in vivo transfection levels for DNA vaccination in mice leading to reduced antigen-specific CD8+ T cell responses. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2305-2311.	1.4	4
32	Efficient deletion of LoxP-flanked selectable marker genes from the genome of transgenic pigs by an engineered Cre recombinase. <i>Transgenic Research</i> , 2020, 29, 307-319.	1.3	4
33	Bacteria-induced expression of the pig-derived protegrin-1 transgene specifically in the respiratory tract of mice enhances resistance to airway bacterial infection. <i>Scientific Reports</i> , 2020, 10, 16020.	1.6	3
34	T-cell activation decreases miRNA-15a/16 levels to promote MEK1/ERK1/Elk1 signaling and proliferative capacity. <i>Journal of Biological Chemistry</i> , 2022, 298, 101634.	1.6	3
35	Vast potential for using the piggyBac transposon to engineer transgenic plants at specific genomic locations. <i>Bioengineered</i> , 2016, 7, 3-6.	1.4	2
36	Ultrasound-induced sonoporation with the aid of magnetic nanoparticles. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
37	Medical school hotline: The Institute for Biogenesis Research: a flower in the Pacific. Hawai'i Journal of Medicine & Public Health: A Journal of Asia Pacific Medicine & Public Health, 2014, 73, 393-6.	0.4	0