Stefan Moisyadi

List of Publications by Year in descending order

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	T-cell activation decreases miRNA-15a/16 levels to promote MEK1â€“ERK1/2â€“Elk1 signaling and proliferative capacity. Journal of Biological Chemistry, 2022, 298, 101634.	1.6	3
2	Upregulated ethanolamine phospholipid synthesis via selenoprotein I is required for effective metabolic reprogramming during T cell activation. Molecular Metabolism, 2021, 47, 101170.	3.0	19
3	Bacteria-induced expression of the pig-derived protegrin-1 transgene specifically in the respiratory tract of mice enhances resistance to airway bacterial infection. Scientific Reports, 2020, 10, 16020.	1.6	3
4	Efficient deletion of LoxP-flanked selectable marker genes from the genome of transgenic pigs by an engineered Cre recombinase. Transgenic Research, 2020, 29, 307-319.	1.3	4
5	GNAI1 and GNAI3 Reduce Colitis-Associated Tumorigenesis in Mice by Blocking IL6 Signaling and Down-regulating Expression of GNAI2. Gastroenterology, 2019, 156, 2297-2312.	0.6	59
6	Longevity-AssociatedFOXO3Genotype and its Impact on Coronary Artery Disease Mortality in Japanese, Whites, and Blacks: A Prospective Study of Three American Populations. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw196.	1.7	23
7	Production of functional human nerve growth factor from the saliva of transgenic mice by using salivary glands as bioreactors. Scientific Reports, 2017, 7, 41270.	1.6	8
8	Pyrophosphate Supplementation Prevents Chronic and Acute Calcification in ABCC6-Deficient Mice. American Journal of Pathology, 2017, 187, 1258-1272.	1.9	59
9	The FoxO3 gene and causeâ€specific mortality. Aging Cell, 2016, 15, 617-624.	3.0	48
10	Characterization of Growth and Reproduction Performance, Transgene Integration, Expression, and Transmission Patterns in Transgenic Pigs Produced by piggyBac Transposition-Mediated Gene Transfer. Animal Biotechnology, 2016, 27, 245-255.	0.7	5
11	Establishment of cell-based transposon-mediated transgenesis in cattle. Theriogenology, 2016, 85, 1297-1311.e2.	0.9	13
12	Vast potential for using the piggyBac transposon to engineer transgenic plants at specific genomic locations. Bioengineered, 2016, 7, 3-6.	1.4	2
13	Human adipose stem cell and ASC-derived cardiac progenitor cellular therapy improves outcomes in a murine model of myocardial infarction. Stem Cells and Cloning: Advances and Applications, 2015, 8, 135.	2.3	5
14	Adjuvants may reduce in vivo transfection levels for DNA vaccination in mice leading to reduced antigen-specific CD8+ T cell responses. Human Vaccines and Immunotherapeutics, 2015, 11, 2305-2311.	1.4	4
15	Generation of Transgenic Pigs by Cytoplasmic Injection of piggyBac Transposase-Based pmGENIE-3 Plasmids1. Biology of Reproduction, 2014, 90, 93.	1.2	35
16	Structureâ€“function analysis of mouse Sry reveals dual essential roles of the C-terminal polyglutamine tract in sex determination. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11768-11773.	3.3	36
17	PhiC31/PiggyBac modified stromal stem cells: effect of interferon Î³ and/or tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL) on murine melanoma. Molecular Cancer, 2014, 13, 255.	7.9	16
18	Vaccination with a piggyBac plasmid with transgene integration potential leads to sustained antigen expression and CD8+ T cell responses. Vaccine, 2014, 32, 1670-1677.	1.7	9

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19	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
20	Pig transgenesis by piggyBac transposition in combination with somatic cell nuclear transfer. Transgenic Research, 2013, 22, 1107-1118.	1.3	37
21	Ultrasound Directs a Transposase System for Durable Hepatic Gene Delivery in Mice. Ultrasound in Medicine and Biology, 2013, 39, 2351-2361.	0.7	12
22	Transpositional transgenesis withpiggyBac. Mobile Genetic Elements, 2013, 3, e25167.	1.8	10
23	Effective Targeted Gene Knockdown in Mammalian Cells Using the piggyBac Transposase-based Delivery System. Molecular Therapy - Nucleic Acids, 2013, 2, e137.	2.3	4
24	Transcription activator like effector (TALE)-directed piggyBac transposition in human cells. Nucleic Acids Research, 2013, 41, 9197-9207.	6.5	59
25	Chimeric piggyBac transposases for genomic targeting in human cells. Nucleic Acids Research, 2012, 40, 6978-6991.	6.5	46
26	Ultrasound-induced sonoporation with the aid of magnetic nanoparticles. , 2012, , .		0
27	Hyperactive self-inactivating piggyBac for transposase-enhanced pronuclear microinjection transgenesis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19184-19189.	3.3	49
28	Transgenic overâ€expression of growth differentiation factor 11 propeptide in skeleton results in transformation of the seventh cervical vertebra into a thoracic vertebra. Molecular Reproduction and Development, 2010, 77, 990-997.	1.0	28
29	Helper-independent piggyBac plasmids for gene delivery approaches: Strategies for avoiding potential genotoxic effects. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8117-8122.	3.3	59
30	Use of intracytoplasmic sperm injection (ICSI) to generate transgenic animals. Comparative Immunology, Microbiology and Infectious Diseases, 2009, 32, 47-60.	0.7	35
31	Active integration: new strategies for transgenesis. Transgenic Research, 2007, 16, 333-339.	1.3	48
32	piggyBac is a flexible and highly active transposon as compared to Sleeping Beauty, Tol2, and Mos1 in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15008-15013.	3.3	314
33	Regulation and Effects of Modulation of Telomerase Reverse Transcriptase Expression in Primordial Germ Cells During Development1. Biology of Reproduction, 2006, 75, 785-791.	1.2	19
34	Tn5 Transposase-Mediated Mouse Transgenesis1. Biology of Reproduction, 2005, 73, 1157-1163.	1.2	39
35	Production of inbred and hybrid transgenic mice carrying large (> 200 kb) foreign DNA fragments by intracytoplasmic sperm injection. Molecular Reproduction and Development, 2005, 72, 329-335.	1.0	27
36	Recombinase-mediated mouse transgenesis by intracytoplasmic sperm injection. Theriogenology, 2005, 64, 1704-1715.	0.9	28

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37	Expression of Foreign DNA Is Associated with Paternal Chromosome Degradation in Intracytoplasmic Sperm Injection-Mediated Transgenesis in the Mouse1. Biology of Reproduction, 2003, 68, 1903-1910.	1.2	67