

Chengyi Song

List of Publications by Year in descending order

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papers

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567281

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#	ARTICLE	IF	CITATIONS
1	Automated high-throughput mapping of promoter-enhancer interactions in zebrafish embryos. <i>Nature Methods</i> , 2009, 6, 911-916.	19.0	123
2	The contribution of transposable elements to size variations between four teleost genomes. <i>Mobile DNA</i> , 2016, 7, 4.	3.6	71
3	Evolution of pogo, a separate superfamily of IS630-Tc1-mariner transposons, revealing recurrent domestication events in vertebrates. <i>Mobile DNA</i> , 2020, 11, 25.	3.6	45
4	Comparative profiling of small RNAs of pig seminal plasma and ejaculated and epididymal sperm. <i>Reproduction</i> , 2017, 153, 785-796.	2.6	36
5	Isolation and Culture of Pig Spermatogonial Stem Cells and Their in Vitro Differentiation into Neuron-Like Cells and Adipocytes. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26333-26346.	4.1	26
6	Low diversity, activity, and density of transposable elements in five avian genomes. <i>Functional and Integrative Genomics</i> , 2017, 17, 427-439.	3.5	26
7	Characterization of autonomous families of Tc1/mariner transposons in neoteleost genomes. <i>Marine Genomics</i> , 2017, 34, 67-77.	1.1	23
8	Multiple Invasions of Visitor, a DD41D Family of Tc1/mariner Transposons, throughout the Evolution of Vertebrates. <i>Genome Biology and Evolution</i> , 2020, 12, 1060-1073.	2.5	23
9	Traveler, a New DD35E Family of Tc1/Mariner Transposons, Invaded Vertebrates Very Recently. <i>Genome Biology and Evolution</i> , 2020, 12, 66-76.	2.5	23
10	C-X-C motif chemokine ligand 10 produced by mouse Sertoli cells in response to mumps virus infection induces male germ cell apoptosis. <i>Cell Death and Disease</i> , 2017, 8, e3146-e3146.	6.3	22
11	Retrotransposons evolution and impact on lncRNA and protein coding genes in pigs. <i>Mobile DNA</i> , 2019, 10, 19.	3.6	22
12	Incomer, a DD36E family of Tc1/mariner transposons newly discovered in animals. <i>Mobile DNA</i> , 2019, 10, 45.	3.6	22
13	SINE jumping contributes to large-scale polymorphisms in the pig genomes. <i>Mobile DNA</i> , 2021, 12, 17.	3.6	21
14	Mouse Testicular Cell Type-Specific Antiviral Response against Mumps Virus Replication. <i>Frontiers in Immunology</i> , 2017, 8, 117.	4.8	19
15	Divergent evolution profiles of DD37D and DD39D families of Tc1/mariner transposons in eukaryotes. <i>Molecular Phylogenetics and Evolution</i> , 2021, 161, 107143.	2.7	19
16	Intruder (DD38E), a recently evolved sibling family of DD34E/Tc1 transposons in animals. <i>Mobile DNA</i> , 2020, 11, 32.	3.6	15
17	Spatial and temporal expression of spermadhesin genes in reproductive tracts of male and female pigs and ejaculated sperm. <i>Theriogenology</i> , 2010, 73, 551-559.	2.1	14
18	Expression of the env gene from the avian endogenous retrovirus ALVE and regulation by miR-155. <i>Archives of Virology</i> , 2016, 161, 1623-1632.	2.1	14

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19	Expression patterns of endogenous avian retrovirus ALVE1 and its response to infection with exogenous avian tumour viruses. <i>Archives of Virology</i> , 2017, 162, 89-101.	2.1	13
20	A native, highly active <i>Tc1/mariner</i> transposon from zebrafish (<i>ZB</i>) offers an efficient genetic manipulation tool for vertebrates. <i>Nucleic Acids Research</i> , 2021, 49, 2126-2140.	14.5	11
21	Prokaryotic and Eukaryotic Horizontal Transfer of Sailor (DD82E), a New Superfamily of IS630-Tc1-Mariner DNA Transposons. <i>Biology</i> , 2021, 10, 1005.	2.8	10
22	Genetic Diversity and Population Structures in Chinese Miniature Pigs Revealed by SINE Retrotransposon Insertion Polymorphisms, a New Type of Genetic Markers. <i>Animals</i> , 2021, 11, 1136.	2.3	9
23	Two new SINE insertion polymorphisms in pig <i>Vertnin</i> (<i>VRTN</i>) gene revealed by comparative genomic alignment. <i>Journal of Integrative Agriculture</i> , 2020, 19, 2514-2522.	3.5	9
24	Spatial and Temporal Gene Expression of <i>Fn</i> Type II and Cysteine-Rich Secretory Proteins in the Reproductive Tracts and Ejaculated Sperm of Chinese Meishan Pigs. <i>Reproduction in Domestic Animals</i> , 2011, 46, 848-853.	1.4	8
25	Molecular cloning, spatial and temporal expression analysis of <i>CatSper</i> genes in the Chinese Meishan pigs. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 132.	3.3	8
26	Enhancer Trapping and Annotation in Zebrafish Mediated with Sleeping Beauty, piggyBac and Tol2 Transposons. <i>Genes</i> , 2018, 9, 630.	2.4	8
27	Development of enhancer-trapping and -detection vectors mediated by the <i>Tol2</i> transposon in zebrafish. <i>PeerJ</i> , 2019, 7, e6862.	2.0	8
28	A 192Åbp ERV fragment insertion in the first intron of porcine TLR6 may act as an enhancer associated with the increased expressions of TLR6 and TLR1. <i>Mobile DNA</i> , 2021, 12, 20.	3.6	7
29	Horizontal transfer of Buster transposons across multiple phyla and classes of animals. <i>Molecular Phylogenetics and Evolution</i> , 2022, 173, 107506.	2.7	7
30	SINE Insertion in the Intron of Pig GHR May Decrease Its Expression by Acting as a Repressor. <i>Animals</i> , 2021, 11, 1871.	2.3	6
31	Distinct Retrotransposon Evolution Profile in the Genome of Rabbit (<i>Oryctolagus cuniculus</i>). <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	6
32	Diversity and Evolution of pogo and Tc1/mariner Transposons in the Apoidea Genomes. <i>Biology</i> , 2021, 10, 940.	2.8	6
33	Expression and preliminary characterization of recombinant human tissue kallikrein in egg white of laying hens. <i>Poultry Science</i> , 2006, 85, 1239-1244.	3.4	5
34	Genetic Evaluation and Population Structure of Jiangsu Native Pigs in China Revealed by SINE Insertion Polymorphisms. <i>Animals</i> , 2022, 12, 1345.	2.3	5
35	Retrotransposon Insertion Polymorphisms (RIPs) in Pig Coat Color Candidate Genes. <i>Animals</i> , 2022, 12, 969.	2.3	4
36	Cloning and Expression Characteristics of the Pig <i>Stra8</i> Gene. <i>International Journal of Molecular Sciences</i> , 2014, 15, 12480-12494.	4.1	3

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37	Changes in Skeletal Muscle and Body Weight on Sleeping Beauty Transposon-Mediated Transgenic Mice Overexpressing Pig miGF-1. <i>Biochemical Genetics</i> , 2018, 56, 341-355.	1.7	3
38	Efficient Gene Transfer into Chicken Gonads by Combining Transposons with Polyethylenimine. <i>Journal of Agricultural Science</i> , 2016, 8, 63.	0.2	2
39	Revisiting the Tigger Transposon Evolution Revealing Extensive Involvement in the Shaping of Mammal Genomes. <i>Biology</i> , 2022, 11, 921.	2.8	2
40	Molecular cloning of pig ZPBP2 and mRNA expression of ZPBP1 and ZPBP2 in reproductive tracts of boars. <i>Animal Reproduction Science</i> , 2010, 122, 229-235.	1.5	1
41	Evolution and domestication of Tc1/mariner transposons in the genome of African coelacanth (<i>Latimeria chalumnae</i>). <i>Genome</i> , 2020, 63, 375-386.	2.0	1
42	Characterization and expression pattern of ZB and PS transposons in zebrafish. <i>Gene Expression Patterns</i> , 2021, 42, 119203.	0.8	1
43	Gene Cloning, Tissue Expression Profiles and Antiviral Activities of Interferon- β from Two Chinese Miniature Pig Breeds. <i>Veterinary Sciences</i> , 2022, 9, 190.	1.7	1
44	Development of retrotransposons insertion polymorphic markers and application in the genetic variation evaluation of Chinese Bama miniature pigs. <i>Canadian Journal of Animal Science</i> , 2019, , .	1.5	0
45	The Annotation of Zebrafish Enhancer Trap Lines Generated with PB Transposon. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2614-2621.	2.4	0