

Srimonta Gayen

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

950
citations

567144

15
h-index

501076

28
g-index

40
all docs

40
docs citations

40
times ranked

1346
citing authors

#	ARTICLE	IF	CITATIONS
1	Lumen Formation Is an Intrinsic Property of Isolated Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2015, 5, 954-962.	2.3	98
2	CRISPR/Cas9: an advanced tool for editing plant genomes. <i>Transgenic Research</i> , 2016, 25, 561-573.	1.3	89
3	A Primary Role for the Tsix lncRNA in Maintaining Random X-Chromosome Inactivation. <i>Cell Reports</i> , 2015, 11, 1251-1265.	2.9	87
4	Epigenomic analysis of gastrulation identifies a unique chromatin state for primed pluripotency. <i>Nature Genetics</i> , 2020, 52, 95-105.	9.4	69
5	MLL1 Inhibition Reprograms Epiblast Stem Cells to Naive Pluripotency. <i>Cell Stem Cell</i> , 2016, 18, 481-494.	5.2	57
6	The sucrose non-fermenting 1-related kinase 2 gene SAPK9 improves drought tolerance and grain yield in rice by modulating cellular osmotic potential, stomatal closure and stress-responsive gene expression. <i>BMC Plant Biology</i> , 2016, 16, 158.	1.6	52
7	Differentiation-dependent requirement of Tsix long non-coding RNA in imprinted X-chromosome inactivation. <i>Nature Communications</i> , 2014, 5, 4209.	5.8	43
8	Conversion of random X-inactivation to imprinted X-inactivation by maternal PRC2. <i>ELife</i> , 2019, 8, .	2.8	38
9	Sex-specific silencing of X-linked genes by Xist RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E309-18.	3.3	37
10	Enhanced Gene Expression Rather than Natural Polymorphism in Coding Sequence of the OsbZIP23 Determines Drought Tolerance and Yield Improvement in Rice Genotypes. <i>PLoS ONE</i> , 2016, 11, e0150763.	1.1	35
11	Identification of the bioactive core component of the insecticidal Vip3A toxin peptide of <i>Bacillus thuringiensis</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 128-135.	0.9	33
12	Prediction-based protein engineering of domain I of Cry2A entomocidal toxin of <i>Bacillus thuringiensis</i> for the enhancement of toxicity against lepidopteran insects. <i>Protein Engineering, Design and Selection</i> , 2007, 20, 599-606.	1.0	28
13	Native polyubiquitin promoter of rice provides increased constitutive expression in stable transgenic rice plants. <i>Plant Cell Reports</i> , 2012, 31, 271-279.	2.8	28
14	An Xist-activating antisense RNA required for X-chromosome inactivation. <i>Nature Communications</i> , 2015, 6, 8564.	5.8	26
15	Visualizing Long Noncoding RNAs on Chromatin. <i>Methods in Molecular Biology</i> , 2016, 1402, 147-164.	0.4	21
16	Ligand dependent gene regulation by transient ER \pm clustered enhancers. <i>PLoS Genetics</i> , 2020, 16, e1008516.	1.5	20
17	PRC2 represses transcribed genes on the imprinted inactive X chromosome in mice. <i>Genome Biology</i> , 2017, 18, 82.	3.8	19
18	Dosage compensation in human pre-implantation embryos: X-chromosome inactivation or dampening?. <i>EMBO Reports</i> , 2018, 19, .	2.0	16

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19	Single-Cell Analysis Reveals Partial Reactivation of X Chromosome instead of Chromosome-wide Dampening in Naive Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2020, 14, 745-754.	2.3	16
20	Activation of Xist by an evolutionarily conserved function of KDM5C demethylase. <i>Nature Communications</i> , 2022, 13, 2602.	5.8	16
21	A deletion mutant ndv200 of the <i>Bacillus thuringiensis</i> vip3BR insecticidal toxin gene is a prospective candidate for the next generation of genetically modified crop plants resistant to lepidopteran insect damage. <i>Planta</i> , 2015, 242, 269-281.	1.6	15
22	Exome sequencing reveals a novel splice site variant in HUWE1 gene in patients with suspected Say-Meyer syndrome. <i>European Journal of Medical Genetics</i> , 2020, 63, 103635.	0.7	14
23	Autosomal Clonal Monoallelic Expression: Natural or Artifactual?. <i>Trends in Genetics</i> , 2021, 37, 206-211.	2.9	14
24	Chromatin-enriched lncRNAs: a novel class of enhancer RNAs. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 556-557.	3.6	13
25	Semicoordinated allelic-bursting shape dynamic random monoallelic expression in pregastrulation embryos. <i>IScience</i> , 2021, 24, 102954.	1.9	9
26	Single-cell analysis reveals X upregulation is not global in pre-gastrulation embryos. <i>IScience</i> , 2022, 25, 104465.	1.9	9
27	Double-stranded RNA-mediated Downregulation of <i>pdhk</i> Gene Expression to Shorten Maturation Time of a Late Maturing Native <i>indica</i> Rice Cultivar, Badshahbhog. <i>Crop Science</i> , 2012, 52, 1743-1753.	0.8	7
28	Dampened X-chromosomes in human pluripotent stem cells: dampening or erasure of X-upregulation?. <i>Chromosoma</i> , 2020, 129, 111-113.	1.0	7
29	Experimental Analysis of Imprinted Mouse X-Chromosome Inactivation. <i>Methods in Molecular Biology</i> , 2018, 1861, 177-203.	0.4	5
30	Expression of an engineered synthetic cry2Aa (D42/K63F/K64P) gene of <i>Bacillus thuringiensis</i> in marker free transgenic tobacco facilitated full-protection from cotton leaf worm (<i>S. littoralis</i>) at very low concentration. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 62.	1.7	4
31	Variant cry1Ab entomocidal <i>Bacillus thuringiensis</i> toxin gene facilitates the recovery of an increased number of lepidopteran insect resistant independent rice transformants against yellow stem borer (<i>Scirpophaga incertulus</i>) inflicted damage. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2014, 23, 81-92.	0.9	3
32	The role of nuclear organization in trans-splicing based expression of heat shock protein 90 in <i>Giardia lamblia</i> . <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009810.	1.3	2