Srimonta Gayen

List of Publications by Year
in descending order

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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	Activation of Xist by an evolutionarily conserved function of KDM5C demethylase. Nature Communications, 2022, 13, 2602.	5.8	16
2	Single-cell analysis reveals X upregulation is not global in pre-gastrulation embryos. IScience, 2022, 25, 104465.	1.9	9
3	Autosomal Clonal Monoallelic Expression: Natural or Artifactual?. Trends in Genetics, 2021, 37, 206-211.	2.9	14
4	Semicoordinated allelic-bursting shape dynamic random monoallelic expression in pregastrulation embryos. IScience, 2021, 24, 102954.	1.9	9
5	The role of nuclear organization in trans-splicing based expression of heat shock protein 90 in Giardia lamblia. PLoS Neglected Tropical Diseases, 2021, 15, e0009810.	1.3	2
6	Exome sequencing reveals a novel splice site variant in HUWE1 gene in patients with suspected Say-Meyer syndrome. European Journal of Medical Genetics, 2020, 63, 103635.	0.7	14
7	Dampened X-chromosomes in human pluripotent stem cells: dampening or erasure of X-upregulation?. Chromosoma, 2020, 129, 111-113.	1.0	7
8	Ligand dependent gene regulation by transient ERÎ± clustered enhancers. PLoS Genetics, 2020, 16, e1008516.	1.5	20
9	Epigenomic analysis of gastrulation identifies a unique chromatin state for primed pluripotency. Nature Genetics, 2020, 52, 95-105.	9.4	69
10	Single-Cell Analysis Reveals Partial Reactivation of X Chromosome instead of Chromosome-wide Dampening in Naive Human Pluripotent Stem Cells. Stem Cell Reports, 2020, 14, 745-754.	2.3	16
11	Conversion of random X-inactivation to imprinted X-inactivation by maternal PRC2. ELife, 2019, 8, .	2.8	38
12	Experimental Analysis of Imprinted Mouse X-Chromosome Inactivation. Methods in Molecular Biology, 2018, 1861, 177-203.	0.4	5
13	Dosage compensation in human preâ€implantation embryos: Xâ€chromosome inactivation or dampening?. EMBO Reports, 2018, 19, .	2.0	16
14	Chromatin-enriched lncRNAs: a novel class of enhancer RNAs. Nature Structural and Molecular Biology, 2017, 24, 556-557.	3.6	13
15	PRC2 represses transcribed genes on the imprinted inactive X chromosome in mice. Genome Biology, 2017, 18, 82.	3.8	19
16	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. BMC Plant Biology, 2016, 16, 158.	1.6	52
17	MLL1 Inhibition Reprograms Epiblast Stem Cells to Naive Pluripotency. Cell Stem Cell, 2016, 18, 481-494.	5.2	57
18	CRISPR/Cas9: an advanced tool for editing plant genomes. Transgenic Research, 2016, 25, 561-573.	1.3	89

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19	Expression of an engineered synthetic cry2Aa (D42/K63F/K64P) gene of Bacillus thuringiensis in marker free transgenic tobacco facilitated full-protection from cotton leaf worm (S. littoralis) at very low concentration. World Journal of Microbiology and Biotechnology, 2016, 32, 62.	1.7	4
20	Sex-specific silencing of X-linked genes by Xist RNA. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E309-18.	3.3	37
21	Visualizing Long Noncoding RNAs on Chromatin. Methods in Molecular Biology, 2016, 1402, 147-164.	0.4	21
22	Enhanced Gene Expression Rather than Natural Polymorphism in Coding Sequence of the OsbZIP23 Determines Drought Tolerance and Yield Improvement in Rice Genotypes. PLoS ONE, 2016, 11, e0150763.	1.1	35
23	Lumen Formation Is an Intrinsic Property of Isolated Human Pluripotent Stem Cells. Stem Cell Reports, 2015, 5, 954-962.	2.3	98
24	A Primary Role for the Tsix lncRNA in Maintaining Random X-Chromosome Inactivation. Cell Reports, 2015, 11, 1251-1265.	2.9	87
25	A deletion mutant ndv200 of the Bacillus thuringiensis vip3BR insecticidal toxin gene is a prospective candidate for the next generation of genetically modified crop plants resistant to lepidopteran insect damage. Planta, 2015, 242, 269-281.	1.6	15
26	An Xist-activating antisense RNA required for X-chromosome inactivation. Nature Communications, 2015, 6, 8564.	5.8	26
27	Variant cry1Ab entomocidal Bacillus thuringiensis toxin gene facilitates the recovery of an increased number of lepidopteran insect resistant independent rice transformants against yellow stem borer (Scirpophaga incertulus) inflicted damage. Journal of Plant Biochemistry and Biotechnology, 2014, 23, 81-92.	0.9	3
28	Differentiation-dependent requirement of Tsix long non-coding RNA in imprinted X-chromosome inactivation. Nature Communications, 2014, 5, 4209.	5.8	43
29	Doubleâ€Stranded RNAâ€Mediated Downregulation of pdhk Gene Expression to Shorten Maturation Time of a Late Maturing Native indica Rice Cultivar, Badshahbhog. Crop Science, 2012, 52, 1743-1753.	0.8	7
30	Identification of the bioactive core component of the insecticidal Vip3A toxin peptide of Bacillus thuringiensis. Journal of Plant Biochemistry and Biotechnology, 2012, 21, 128-135.	0.9	33
31	Native polyubiquitin promoter of rice provides increased constitutive expression in stable transgenic rice plants. Plant Cell Reports, 2012, 31, 271-279.	2.8	28
32	Prediction-based protein engineering of domain I of Cry2A entomocidal toxin of Bacillus thuringiensis for the enhancement of toxicity against lepidopteran insects. Protein Engineering, Design and Selection, 2007, 20, 599-606.	1.0	28