Hidetaka Ito

List of Publications by Year
in descending order

25 papers	1,115 citations	759233 12 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	1493 citing authors

#	Article	IF	Citations
1	An siRNA pathway prevents transgenerational retrotransposition in plants subjected to stress. Nature, 2011, 472, 115-119.	27.8	550
2	A Stress-Activated Transposon in Arabidopsis Induces Transgenerational Abscisic Acid Insensitivity. Scientific Reports, 2016, 6, 23181.	3.3	106
3	The effects of heat induction and the siRNA biogenesis pathway on the transgenerational transposition of ONSEN, a copia-like retrotransposon in Arabidopsis thaliana. Plant and Cell Physiology, 2012, 53, 824-833.	3.1	69
4	Evolution of the ONSEN retrotransposon family activated upon heat stress in Brassicaceae. Gene, 2013, 518, 256-261.	2.2	59
5	Control of transposable elements in Arabidopsis thaliana. Chromosome Research, 2014, 22, 217-223.	2.2	52
6	A small RNA mediated regulation of a stress-activated retrotransposon and the tissue specific transposition during the reproductive period in Arabidopsis. Frontiers in Plant Science, 2015, 6, 48.	3.6	43
7	Small RNAs and transposon silencing in plants. Development Growth and Differentiation, 2012, 54, 100-107.	1.5	36
8	Small RNAs and regulation of transposons in plants. Genes and Genetic Systems, 2013, 88, 3-7.	0.7	34
9	Overexpression of the TIR-X gene results in a dwarf phenotype and activation of defense-related gene expression in Arabidopsis thaliana. Journal of Plant Physiology, 2014, 171, 382-388.	3.5	31
10	Inducible Transposition of a Heat-Activated Retrotransposon in Tissue Culture. Plant and Cell Physiology, 2017, 58, pcw202.	3.1	23
11	DNA methyltransferase CHROMOMETHYLASE3 prevents ONSEN transposon silencing under heat stress. PLoS Genetics, 2021, 17, e1009710.	3.5	23
12	Characterization of a heat-activated retrotransposon in Vigna angularis. Breeding Science, 2018, 68, 168-176.	1.9	16
13	<i>ONSEN</i> shows different transposition activities in RdDM pathway mutants. Genes and Genetic Systems, 2020, 95, 183-190.	0.7	11
14	Tracking microRNA Processing Signals by Degradome Sequencing Data Analysis. Frontiers in Genetics, 2018, 9, 546.	2.3	10
15	PmiRDiscVali: an integrated pipeline for plant microRNA discovery and validation. BMC Genomics, 2019, 20, 133.	2.8	9
16	The effect of zebularine on the heat-activated retrotransposon <i>ONSEN</i> in <i>Arabidopsis thaliana</i> and <i>Vigna angularis</i>. Genes and Genetic Systems, 2020, 95, 165-172.	0.7	9
17	Characterization of a heat-activated retrotransposon in natural accessions of <i>Arabidopsis thaliana</i>. Genes and Genetic Systems, 2016, 91, 293-299.	0.7	7
18	Plant Models of Transgenerational Epigenetic Inheritance. , 2014, , 147-161.		5

#	Article	IF	Citations
19	Epigenetic Regulation of a Heat-Activated Retrotransposon in Cruciferous Vegetables. Epigenomes, 2017, 1, 7.	1.8	5
20	The RNA degradome: a precious resource for deciphering RNA processing and regulation codes in plants. RNA Biology, 2020, 17, 1223-1227.	3.1	5
21	Epigenetic regulation of ecotype-specific expression of the heat-activated transposon ONSEN. Frontiers in Plant Science, 0, 13, .	3.6	5
22	DRD1, a SWI/SNF-like chromatin remodeling protein, regulates a heat-activated transposon in <i>Arabidopsis thaliana</i>. Genes and Genetic Systems, 2021, 96, 151-158.	0.7	4
23	Genomic localization of AtRE1 and AtRE2, copia-type retrotransposons, in natural variants of Arabidopsis thaliana. Molecular Genetics and Genomics, 2014, 289, 821-835.	2.1	2
24	How to Activate Heat-Responsible Retrotransposon ONSEN in Brassicaceae Species. Methods in Molecular Biology, 2021, 2250, 189-194.	0.9	1
25	Role of the ACL2 locus in flower stalk elongation in Arabidopsis thaliana. Genes and Genetic Systems, 2015, 90, 163-174.	0.7	0