Jerzy Paszkowski

List of Publications by Year in descending order

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24 papers	3,903 citations	394421 19 h-index	610901 24 g-index
28 all docs	28 docs citations	28 times ranked	4001 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	Maintenance of CpG methylation is essential for epigenetic inheritance during plant gametogenesis. Nature Genetics, 2003, 34, 65-69.	21.4	455
3	Epigenetic contribution to stress adaptation in plants. Current Opinion in Plant Biology, 2011, 14, 267-274.	7.1	433
4	Compromised stability of DNA methylation and transposon immobilization in mosaic Arabidopsis epigenomes. Genes and Development, 2009, 23, 939-950.	5.9	380
5	Transgenerational Stability of the Arabidopsis Epigenome Is Coordinated by CG Methylation. Cell, 2007, 130, 851-862.	28.9	370
6	Selective epigenetic control of retrotransposition in Arabidopsis. Nature, 2009, 461, 427-430.	27.8	315
7	Stress-Induced Activation of Heterochromatic Transcription. PLoS Genetics, 2010, 6, e1001175.	3.5	207
8	Epigenetic memory in plants. EMBO Journal, 2014, 33, 1987-1998.	7.8	181
9	Selected aspects of transgenerational epigenetic inheritance and resetting in plants. Current Opinion in Plant Biology, 2011, 14, 195-203.	7.1	175
10	Endogenous Targets of Transcriptional Gene Silencing in Arabidopsis. Plant Cell, 2000, 12, 1165-1178.	6.6	152
11	Identification of genes preventing transgenerational transmission of stress-induced epigenetic states. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8547-8552.	7.1	112
12	Heterosis and inbreeding depression of epigenetic Arabidopsis hybrids. Nature Plants, 2015, 1, 15092.	9.3	91
13	Controlled activation of retrotransposition for plant breeding. Current Opinion in Biotechnology, 2015, 32, 200-206.	6.6	67
14	MOM1 and Pol-IV/V interactions regulate the intensity and specificity of transcriptional gene silencing. EMBO Journal, 2010, 29, 340-351.	7.8	63
15	Regulation of rice root development by a retrotransposon acting as a microRNA sponge. ELife, 2017, 6, .	6.0	60
16	<scp>DNA</scp> sequence properties that predict susceptibility to epiallelic switching. EMBO Journal, 2017, 36, 617-628.	7.8	56
17	Environmental and epigenetic regulation of Rider retrotransposons in tomato. PLoS Genetics, 2019, 15, e1008370.	3.5	51
18	High-frequency recombination between members of an LTR retrotransposon family during transposition bursts. Nature Communications, 2017, 8, 1283.	12.8	39

#	Article	IF	Citations
19	Sensitive detection of pre-integration intermediates of long terminal repeat retrotransposons in crop plants. Nature Plants, 2019, 5, 26-33.	9.3	35
20	Developmental Restriction of Retrotransposition Activated in Arabidopsis by Environmental Stress. Genetics, 2017, 207, 813-821.	2.9	24
21	Sequence-Independent Identification of Active LTR Retrotransposons in Arabidopsis. Molecular Plant, 2018, 11, 508-511.	8.3	23
22	Parentâ€ofâ€origin control of transgenerational retrotransposon proliferation in Arabidopsis. EMBO Reports, 2013, 14, 823-828.	4.5	22
23	Mobilization of Pack-CACTA transposons in Arabidopsis suggests the mechanism of gene shuffling. Nucleic Acids Research, 2019, 47, 1311-1320.	14.5	20
24	Virus-mediated export of chromosomal DNA in plants. Nature Communications, 2018, 9, 5308.	12.8	19