Andrzej Tomasz Wierzbicki

List of Publications by Year
in descending order

23	2,827	516710 16	642732 23
papers	citations	h-index	g-index

26	26	26	2910
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highâ€resolution map of plastidâ€encoded <scp>RNA</scp> polymerase binding patterns demonstrates a major role of transcription in chloroplast gene expression. Plant Journal, 2022, 111, 1139-1151.	5.7	9
2	Long Noncoding RNAs in Plants. Annual Review of Plant Biology, 2021, 72, 245-271.	18.7	83
3	Reinforcement of transcriptional silencing by a positive feedback between DNA methylation and non-coding transcription. Nucleic Acids Research, 2021, 49, 9799-9808.	14.5	4
4	Evolutionary History and Activity of RNase H1-Like Proteins in Arabidopsis thaliana. Plant and Cell Physiology, 2020, 61, 1107-1119.	3.1	12
5	Broad noncoding transcription suggests genome surveillance by RNA polymerase V. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30799-30804.	7.1	22
6	The immune repressor BIR1 contributes to antiviral defense and undergoes transcriptional and postâ€transcriptional regulation during viral infections. New Phytologist, 2019, 224, 421-438.	7.3	16
7	Buried in PEATâ€”discovery of a new silencing complex with opposing activities. EMBO Journal, 2018, 37, .	7.8	4
8	Long-range control of gene expression via RNA-directed DNA methylation. PLoS Genetics, 2017, 13, e1006749.	3.5	33
9	A Dicer-Independent Route for Biogenesis of siRNAs that Direct DNA Methylation in Arabidopsis. Molecular Cell, 2016, 61, 222-235.	9.7	134
10	Long non-coding RNA produced by RNA polymerase V determines boundaries of heterochromatin. ELife, 2016, 5, .	6.0	76
11	Control of Chromatin Structure by Long Noncoding RNA. Trends in Cell Biology, 2015, 25, 623-632.	7.9	221
12	<scp>RNA</scp>â€directed <scp>DNA</scp> methylation requires stepwise binding of silencing factors to long nonâ€coding <scp>RNA</scp>. Plant Journal, 2014, 79, 181-191.	5.7	83
13	Analysis of long non-coding RNAs produced by a specialized RNA polymerase in Arabidopsis thaliana. Methods, 2013, 63, 160-169.	3.8	31
14	A SWI/SNF Chromatin-Remodeling Complex Acts in Noncoding RNA-Mediated Transcriptional Silencing. Molecular Cell, 2013, 49, 298-309.	9.7	178
15	<scp>RNA</scp> polymerase <scp>V</scp> targets transcriptional silencing components to promoters of proteinâ€coding genes. Plant Journal, 2013, 73, 179-189.	5.7	61
16	Spatial and functional relationships among Pol V-associated loci, Pol IV-dependent siRNAs, and cytosine methylation in the Arabidopsis epigenome. Genes and Development, 2012, 26, 1825-1836.	5.9	137
17	The role of long non-coding RNA in transcriptional gene silencing. Current Opinion in Plant Biology, 2012, 15, 517-522.	7.1	151
18	Independent Chromatin Binding of ARGONAUTE4 and SPT5L/KTF1 Mediates Transcriptional Gene Silencing. PLoS Genetics, 2011, 7, e1002120.	3.5	62

#	Article	IF	Citations
19	Silencing: new faces of Morpheusâ€™ molecule. EMBO Journal, 2010, 29, 279-280.	7.8	4
20	RNA polymerase V transcription guides ARGONAUTE4 to chromatin. Nature Genetics, 2009, 41, 630-634.	21.4	410
21	An Effector of RNA-Directed DNA Methylation in Arabidopsis Is an ARGONAUTE 4- and RNA-Binding Protein. Cell, 2009, 137, 498-508.	28.9	220
22	Subunit Compositions of the RNA-Silencing Enzymes Pol IV and Pol V Reveal Their Origins as Specialized Forms of RNA Polymerase II. Molecular Cell, 2009, 33, 192-203.	9.7	225
23	Noncoding Transcription by RNA Polymerase Pol IVb/Pol V Mediates Transcriptional Silencing of Overlapping and Adjacent Genes. Cell, 2008, 135, 635-648.	28.9	645