Nicolas BouchÃ©

List of Publications by Year
in descending order

34 papers	4,431 citations	304743 22 h-index	552781 26 g-index
34 all docs	34 docs citations	34 times ranked	5776 citing authors

#	Article	IF	Citations
1	AXR1 affects DNA methylation independently of its role in regulating meiotic crossover localization. PLoS Genetics, 2020, 16, e1008894.	3.5	5
2	AXR1 affects DNA methylation independently of its role in regulating meiotic crossover localization. , 2020, 16, e1008894.		0
3	AXR1 affects DNA methylation independently of its role in regulating meiotic crossover localization. , 2020, 16, e1008894.		0
4	AXR1 affects DNA methylation independently of its role in regulating meiotic crossover localization. , 2020, 16, e1008894.		0
5	AXR1 affects DNA methylation independently of its role in regulating meiotic crossover localization. , 2020, 16, e1008894.		0
6	AXR1 affects DNA methylation independently of its role in regulating meiotic crossover localization. , 2020, 16, e1008894.		0
7	AXR1 affects DNA methylation independently of its role in regulating meiotic crossover localization. , 2020, 16, e1008894.		0
8	AXR1 affects DNA methylation independently of its role in regulating meiotic crossover localization. , 2020, 16, e1008894.		0
9	AXR1 affects DNA methylation independently of its role in regulating meiotic crossover localization. , 2020, 16, e1008894.		0
10	Post-transcriptional gene silencing triggers dispensable DNA methylation in gene body in Arabidopsis. Nucleic Acids Research, 2019, 47, 9104-9114.	14.5	15
11	Antagonistic Actions of FPA and IBM2 Regulate Transcript Processing from Genes Containing Heterochromatin. Plant Physiology, 2019, 180, 392-403.	4.8	24
12	Redistribution of CHH Methylation and Small Interfering RNAs across the Genome of Tomato <i>ddm1</i> Mutants. Plant Cell, 2018, 30, 1628-1644.	6.6	65
13	An Arabidopsis Natural Epiallele Maintained by a Feed-Forward Silencing Loop between Histone and DNA. PLoS Genetics, 2017, 13, e1006551.	3.5	25
14	Post-transcriptional gene silencing triggered by sense transgenes involves uncapped antisense RNA and differs from silencing intentionally triggered by antisense transgenes. Nucleic Acids Research, 2015, 43, 8464-8475.	14.5	47
15	SHOOT GROWTH1 Maintains Arabidopsis Epigenomes by Regulating IBM1. PLoS ONE, 2014, 9, e84687.	2.5	24
16	A non-canonical plant microRNA target site. Nucleic Acids Research, 2014, 42, 5270-5279.	14.5	105
17	Interplay between chromatin and RNA processing. Current Opinion in Plant Biology, 2014, 18, 60-65.	7.1	13
18	Rapid Establishment of Genetic Incompatibility through Natural Epigenetic Variation. Current Biology, 2012, 22, 326-331.	3.9	122

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19	Calmodulin-binding transcription activator 1 mediates auxin signaling and responds to stresses in Arabidopsis. Planta, 2010, 232, 165-178.	3.2	87
20	microRNA-directed cleavage and translational repression of the copper chaperone for superoxide dismutase mRNA in Arabidopsis. Plant Journal, 2010, 62, 454-462.	5.7	210
21	New insights into miR398 functions in Arabidopsis. Plant Signaling and Behavior, 2010, 5, 684-686.	2.4	33
22	Redundant and Specific Roles of the ARGONAUTE Proteins AGO1 and ZLL in Development and Small RNA-Directed Gene Silencing. PLoS Genetics, 2009, 5, e1000646.	3.5	107
23	MicroRNA-directed regulation: to cleave or not to cleave. Trends in Plant Science, 2008, 13, 359-367.	8.8	128
24	Invasion of the Arabidopsis Genome by the Tobacco Retrotransposon Tnt1 Is Controlled by Reversible Transcriptional Gene Silencing Â. Plant Physiology, 2008, 147, 1264-1278.	4.8	45
25	Mutants of GABA Transaminase (POP2) Suppress the Severe Phenotype of succinic semialdehyde dehydrogenase (ssadh) Mutants in Arabidopsis. PLoS ONE, 2008, 3, e3383.	2.5	74
26	An antagonistic function for Arabidopsis DCL2 in development and a new function for DCL4 in generating viral siRNAs. EMBO Journal, 2006, 25, 3347-3356.	7.8	430
27	DRB4-Dependent TAS3 trans-Acting siRNAs Control Leaf Morphology through AGO7. Current Biology, 2006, 16, 927-932.	3.9	423
28	PLANT-SPECIFIC CALMODULIN-BINDING PROTEINS. Annual Review of Plant Biology, 2005, 56, 435-466.	18.7	379
29	The root-specific glutamate decarboxylase (GAD1) is essential for sustaining GABA levels in Arabidopsis. Plant Molecular Biology, 2004, 55, 315-325.	3.9	107
30	GABA in plants: just a metabolite?. Trends in Plant Science, 2004, 9, 110-115.	8.8	960
31	GABA signaling: a conserved and ubiquitous mechanism. Trends in Cell Biology, 2003, 13, 607-610.	7.9	197
32	Mitochondrial succinic-semialdehyde dehydrogenase of the Â-aminobutyrate shunt is required to restrict levels of reactive oxygen intermediates in plants. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6843-6848.	7.1	375
33	A Novel Family of Calmodulin-binding Transcription Activators in Multicellular Organisms. Journal of Biological Chemistry, 2002, 277, 21851-21861.	3.4	258
34	Expression of a truncated tobacco NtCBP4 channel in transgenic plants and disruption of the homologous Arabidopsis CNGC1 gene confer Pb2+ tolerance. Plant Journal, 2000, 24, 533-542.	5.7	173