

Taichiro Iki

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Modulation of Ago2 Loading by Cyclophilin 40 Endows a Unique Repertoire of Functional miRNAs during Sperm Maturation in <i>Drosophila</i> . <i>Cell Reports</i> , 2020, 33, 108380.	6.4	6
2	A Suppressor Screen for AGO1 Degradation by the Viral F-Box P0 Protein Uncovers a Role for AGO DUF1785 in siRNA Duplex Unwinding. <i>Plant Cell</i> , 2018, 30, 1353-1374.	6.6	44
3	Structural Flexibility Enables Alternative Maturation, ARGONAUTE Sorting and Activities of miR168, a Global Gene Silencing Regulator in Plants. <i>Molecular Plant</i> , 2018, 11, 1008-1023.	8.3	43
4	Biochemical and genetic functional dissection of the P38 viral suppressor of RNA silencing. <i>Rna</i> , 2017, 23, 639-654.	3.5	29
5	A complex of <i>Arabidopsis</i> DRB proteins can impair dsRNA processing. <i>Rna</i> , 2017, 23, 782-797.	3.5	13
6	In Vitro Formation of Plant RNA-Induced Silencing Complexes Using an Extract of Evacuolated Tobacco Protoplasts. <i>Methods in Molecular Biology</i> , 2017, 1640, 39-53.	0.9	5
7	Messages on small RNA duplexes in plants. <i>Journal of Plant Research</i> , 2017, 130, 7-16.	2.4	21
8	A Short Open Reading Frame Encompassing the MicroRNA173 Target Site Plays a Role in trans-Acting Small Interfering RNA Biogenesis. <i>Plant Physiology</i> , 2016, 171, 359-368.	4.8	35
9	3' fragment of miR173-programmed RISC-cleaved RNA is protected from degradation in a complex with RISC and SGS3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4117-4122.	7.1	86
10	Cyclophilin 40 facilitates HSP90-mediated RISC assembly in plants. <i>EMBO Journal</i> , 2012, 31, 267-278.	7.8	135
11	Cytoplasmic Assembly and Selective Nuclear Import of <i>Arabidopsis</i> ARGONAUTE4/siRNA Complexes. <i>Molecular Cell</i> , 2012, 46, 859-870.	9.7	193
12	In Vitro Assembly of Plant RNA-Induced Silencing Complexes Facilitated by Molecular Chaperone HSP90. <i>Molecular Cell</i> , 2010, 39, 282-291.	9.7	288
13	An outer membrane autotransporter, AoaA, of <i>Azorhizobium caulinodans</i> required for sustaining high N ₂ -fixing activity of stem nodules. <i>FEMS Microbiology Letters</i> , 2008, 285, 16-24.	1.8	4
14	Rhizobial Factors Required for Stem Nodule Maturation and Maintenance in <i>Sesbania rostrata</i> - <i>Azorhizobium caulinodans</i> ORS571 Symbiosis. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6650-6659.	3.1	44
15	Evidence for functional differentiation of duplicated <i>nifH</i> genes in <i>Azorhizobium caulinodans</i> . <i>FEMS Microbiology Letters</i> , 2007, 274, 173-179.	1.8	12
16	Isolation and differential expression of β -1,3-glucanase messenger RNAs, SrGLU3 and SrGLU4, following inoculation of <i>Sesbania rostrata</i> . <i>Functional Plant Biology</i> , 2006, 33, 983.	2.1	1