

Taichiro Iki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3935234/publications.pdf>

Version: 2024-02-01

16
papers

959
citations

949033

11
h-index

1051228

16
g-index

17
all docs

17
docs citations

17
times ranked

1498
citing authors

| # | 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. | 2.9 | 6 |
| 2 | A Suppressor Screen for AGO1 Degradation by the Viral F-Box P0 Protein Uncovers a Role for AGO DUF1785 in sRNA Duplex Unwinding. <i>Plant Cell</i> , 2018, 30, 1353-1374. | 3.1 | 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. | 3.9 | 43 |
| 4 | Biochemical and genetic functional dissection of the P38 viral suppressor of RNA silencing. <i>Rna</i> , 2017, 23, 639-654. | 1.6 | 29 |
| 5 | A complex of <i>Arabidopsis</i> DRB proteins can impair dsRNA processing. <i>Rna</i> , 2017, 23, 782-797. | 1.6 | 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. | 0.4 | 5 |
| 7 | Messages on small RNA duplexes in plants. <i>Journal of Plant Research</i> , 2017, 130, 7-16. | 1.2 | 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. | 2.3 | 35 |
| 9 | 3' fragment of miR173-programmed RISC-cleaved RNA is protected from degradation in a complex with RISC and SCS3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4117-4122. | 3.3 | 86 |
| 10 | Cyclophilin 40 facilitates HSP90-mediated RISC assembly in plants. <i>EMBO Journal</i> , 2012, 31, 267-278. | 3.5 | 135 |
| 11 | Cytoplasmic Assembly and Selective Nuclear Import of <i>Arabidopsis</i> ARGONAUTE4/siRNA Complexes. <i>Molecular Cell</i> , 2012, 46, 859-870. | 4.5 | 193 |
| 12 | In Vitro Assembly of Plant RNA-Induced Silencing Complexes Facilitated by Molecular Chaperone HSP90. <i>Molecular Cell</i> , 2010, 39, 282-291. | 4.5 | 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. | 0.7 | 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. | 1.4 | 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. | 0.7 | 12 |
| 16 | Isolation and differential expression of Î ² -1,3-glucanase messenger RNAs, SrGLU3 and SrGLU4, following inoculation of <i>Sesbania rostrata</i> . <i>Functional Plant Biology</i> , 2006, 33, 983. | 1.1 | 1 |