

Atsuhiko Oka

List of Publications by Year in descending order

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45
papers

4,137
citations

201575

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254106

43
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45
all docs

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docs citations

45
times ranked

3173
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Nucleotide sequence of the kanamycin resistance transposon Tn903. <i>Journal of Molecular Biology</i> , 1981, 147, 217-226. | 2.0 | 610 |
| 2 | ARR1, a Transcription Factor for Genes Immediately Responsive to Cytokinins. <i>Science</i> , 2001, 294, 1519-1521. | 6.0 | 461 |
| 3 | Arabidopsis ARR1 and ARR2 response regulators operate as transcriptional activators. <i>Plant Journal</i> , 2000, 24, 703-711. | 2.8 | 310 |
| 4 | Modulation of Phospholipid Signaling by GLABRA2 in Root-Hair Pattern Formation. <i>Science</i> , 2003, 300, 1427-1430. | 6.0 | 269 |
| 5 | Nucleotide sequence of small ColE1 derivatives: Structure of the regions essential for autonomous replication and colicin E1 immunity. <i>Molecular Genetics and Genomics</i> , 1979, 172, 151-159. | 2.4 | 244 |
| 6 | Replication origin of the Escherichia coli K-12 chromosome: The size and structure of the minimum DNA segment carrying the information for autonomous replication. <i>Molecular Genetics and Genomics</i> , 1980, 178, 9-20. | 2.4 | 210 |
| 7 | The Arabidopsis Phosphatidylinositol Phosphate 5-Kinase PIP5K3 Is a Key Regulator of Root Hair Tip Growth. <i>Plant Cell</i> , 2008, 20, 367-380. | 3.1 | 194 |
| 8 | The A-Type Cyclin CYCA2;3 Is a Key Regulator of Ploidy Levels in Arabidopsis Endoreduplication. <i>Plant Cell</i> , 2006, 18, 382-396. | 3.1 | 166 |
| 9 | The Structure of a Transcriptional Unit on Colicin E1 Plasmid. <i>FEBS Journal</i> , 1979, 97, 435-443. | 0.2 | 153 |
| 10 | Targeted Degradation of the Cyclin-Dependent Kinase Inhibitor ICK4/KRP6 by RING-Type E3 Ligases Is Essential for Mitotic Cell Cycle Progression during Arabidopsis Gametogenesis. <i>Plant Cell</i> , 2008, 20, 1538-1554. | 3.1 | 142 |
| 11 | ARR1 Directly Activates Cytokinin Response Genes that Encode Proteins with Diverse Regulatory Functions. <i>Plant and Cell Physiology</i> , 2007, 48, 263-277. | 1.5 | 128 |
| 12 | Sites of dnaA protein-binding in the replication origin of the Escherichia coli K-12 chromosome. <i>Journal of Molecular Biology</i> , 1985, 184, 529-533. | 2.0 | 125 |
| 13 | Novel protein kinase of Arabidopsis thaliana (APK1) that phosphorylates tyrosine, serine and threonine. <i>Plant Molecular Biology</i> , 1992, 20, 653-662. | 2.0 | 103 |
| 14 | Cleavage map of colicin E1 plasmid. <i>Nature</i> , 1976, 264, 193-196. | 13.7 | 87 |
| 15 | Characterization and sequence determination of the replicator region in the hairy-root-inducing plasmid pRiA 4b. <i>Molecular Genetics and Genomics</i> , 1987, 206, 1-8. | 2.4 | 83 |
| 16 | Exon-intron organization of the Arabidopsis thaliana protein kinase genes CDC2a and CDC2b. <i>FEBS Letters</i> , 1992, 304, 73-77. | 1.3 | 72 |
| 17 | Negative autoregulation of the Arabidopsis homeobox gene ATHB-2. <i>Plant Journal</i> , 2001, 25, 389-398. | 2.8 | 72 |
| 18 | Nucleotide sequence of the asnA gene coding for asparagine synthetase of E. coli K-12. <i>Nucleic Acids Research</i> , 1981, 9, 4669-4676. | 6.5 | 66 |

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|----|---|------|-----------|
| 19 | Isolation and characterization of transducing coliphage fd carrying a kanamycin resistance gene. <i>Gene</i> , 1978, 3, 39-52. | 1.0 | 61 |
| 20 | Nucleotide sequence at the insertion sites of a kanamycin transposon. <i>Nature</i> , 1978, 276, 845-847. | 13.7 | 54 |
| 21 | His-Asp phosphorelay signal transduction in higher plants: Receptors and response regulators for cytokinin signaling in <i>Arabidopsis thaliana</i> . <i>Genes and Genetic Systems</i> , 2002, 77, 383-391. | 0.2 | 53 |
| 22 | Sequence organization of replication origin of the <i>Escherichia coli</i> K-12 chromosome. <i>Journal of Molecular Biology</i> , 1984, 176, 443-458. | 2.0 | 51 |
| 23 | Organization and characterization of the <i>virCD</i> genes from <i>Agrobacterium rhizogenes</i> . <i>Molecular Genetics and Genomics</i> , 1988, 213, 229-237. | 2.4 | 44 |
| 24 | The 245 base-pair <i>oriC</i> sequence of the <i>E. coli</i> chromosome directs bidirectional replication at an adjacent region. <i>Nucleic Acids Research</i> , 1983, 11, 2617-2626. | 6.5 | 35 |
| 25 | Function of the <i>aux</i> and <i>rol</i> genes of the Ri plasmid in plant cell division <i>in vitro</i> . <i>Plant Signaling and Behavior</i> , 2009, 4, 1145-1147. | 1.2 | 35 |
| 26 | Signal structure for transcriptional activation in the upstream regions of virulence genes on the hairy-root-inducing plasmid A4. <i>Nucleic Acids Research</i> , 1989, 17, 8711-8725. | 6.5 | 29 |
| 27 | Cytokinin signal transduction in plant cells. <i>Journal of Plant Research</i> , 2003, 116, 221-231. | 1.2 | 28 |
| 28 | Structure of replication origin of the <i>Escherichia coli</i> K-12 chromosome: the presence of spacer sequences in the <i>ori</i> region carrying information for autonomous replication. <i>Nucleic Acids Research</i> , 1982, 10, 3745-3754. | 6.5 | 27 |
| 29 | Cross-talk between the virulence and phosphate regulons of <i>Agrobacterium tumefaciens</i> caused by an unusual interaction of the transcriptional activator with a regulatory DNA element. <i>Molecular Genetics and Genomics</i> , 1991, 227, 385-390. | 2.4 | 26 |
| 30 | The DNA Replication Origin (<i>ori</i>) of <i>Escherichia coli</i> : Structure and Function of the <i>ori</i> -Containing DNA Fragment. <i>Progress in Molecular Biology and Translational Science</i> , 1981, 26, 33-48. | 1.9 | 23 |
| 31 | A common mechanism of transcriptional activation by the three positive regulators, <i>VirG</i> , <i>PhoB</i> , and <i>OmpR</i> . <i>FEBS Letters</i> , 1990, 263, 1-4. | 1.3 | 23 |
| 32 | Nucleotide Sequence of the <i>rol</i> Region of the Mikimopine-type Root-inducing Plasmid pRi1724. <i>Bioscience, Biotechnology and Biochemistry</i> , 1994, 58, 548-551. | 0.6 | 22 |
| 33 | An upstream region of the <i>Arabidopsis thaliana</i> <i>CDKA;1</i> (<i>CDC2aAt</i>) gene directs transcription during trichome development. <i>Plant Molecular Biology</i> , 2001, 46, 205-213. | 2.0 | 22 |
| 34 | Binding of the regulatory protein <i>VirG</i> to the phased signal sequences upstream from virulence genes on the hairy-root-inducing plasmid. <i>Journal of Molecular Biology</i> , 1990, 215, 537-547. | 2.0 | 18 |
| 35 | <i>AtSAP130/AtSF3b-3</i> Function is Required for Reproduction in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2011, 52, 1330-1339. | 1.5 | 16 |
| 36 | Characterization of the <i>vir A</i> gene of the agropine-type plasmid pRiA4 of <i>Agrobacterium rhizogenes</i> . <i>FEBS Letters</i> , 1990, 271, 28-32. | 1.3 | 14 |

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|----|--|-----|-----------|
| 37 | Restriction Endonuclease Map of the Root-inducing Plasmid (pRi1724) of <i>Agrobacterium rhizogenes</i> Strain MAFF03-01724. <i>Bioscience, Biotechnology and Biochemistry</i> , 1994, 58, 297-299. | 0.6 | 13 |
| 38 | The <i>aux1</i> gene of the Ri plasmid is sufficient to confer auxin autotrophy in tobacco BY-2 cells. <i>Journal of Plant Physiology</i> , 2009, 166, 729-738. | 1.6 | 13 |
| 39 | Structural Characterization of the <i>virB</i> Operon on the Hairy-root-inducing Plasmid A4. <i>DNA Research</i> , 1998, 5, 87-93. | 1.5 | 11 |
| 40 | Molecular Analysis of T-DNA Region on the Root Inducing Plasmid (Ri) in a Mikimopine Type <i>Agrobacterium rhizogenes</i> Strain 1724.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 1993, 59, 155-162. | 0.1 | 8 |
| 41 | New insights into cytokinins. <i>Journal of Plant Research</i> , 2003, 116, 217-220. | 1.2 | 5 |
| 42 | Identification of <i>rol</i> Genes on pRi1724 in <i>Agrobacterium rhizogenes</i> Strain MAFF 03-01724 Isolated in Japan.. <i>Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan</i> , 1994, 60, 45-52. | 0.1 | 4 |
| 43 | Transcription in vitro promoted by the <i>Agrobacterium VirG</i> protein. <i>FEBS Letters</i> , 1993, 334, 277-280. | 1.3 | 3 |
| 44 | MAPPING OF PROMOTERS IN THE REPLICATION ORIGIN REGION OF THE <i>E. coli</i> CHROMOSOME. , 1981, , 29-35. | | 3 |
| 45 | <i>ESCHERICHIA COLI</i> ORIGIN OF REPLICATION: Structural organization of the region essential for autonomous replication and the recognition frame model. , 1981, , 1-12. | | 1 |