

# Jae Sun Moon

## List of Publications by Year in descending order

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101  
papers

2,153  
citations

279798

23  
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265206

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102  
docs citations

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times ranked

2922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrroloquinoline Quinone Is a Plant Growth Promotion Factor Produced by <i>Pseudomonas fluorescens</i> B16. <i>Plant Physiology</i> , 2008, 146, 657-668.	4.8	195
2	The Activated SA and JA Signaling Pathways Have an Influence on flg22-Triggered Oxidative Burst and Callose Deposition. <i>PLoS ONE</i> , 2014, 9, e88951.	2.5	135
3	Regulation of polar flagellum genes is mediated by quorum sensing and FlhDC in <i>Burkholderia glumae</i> . <i>Molecular Microbiology</i> , 2007, 64, 165-179.	2.5	108
4	Expression of an evolutionarily distinct novel BiP gene during the unfolded protein response in <i>Arabidopsis thaliana</i> . <i>Gene</i> , 2003, 311, 81-91.	2.2	104
5	Small-molecule inhibitor binding to an <i>N</i> -acyl-homoserine lactone synthase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12089-12094.	7.1	102
6	Amyloidogenesis of Type III-dependent Harpins from Plant Pathogenic Bacteria. <i>Journal of Biological Chemistry</i> , 2007, 282, 13601-13609.	3.4	94
7	Rice Mitogen-Activated Protein Kinase Interactome Analysis Using the Yeast Two-Hybrid System. <i>Plant Physiology</i> , 2012, 160, 477-487.	4.8	81
8	Bases of biocontrol: Sequence predicts synthesis and mode of action of agrocin 84, the Trojan Horse antibiotic that controls crown gall. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8846-8851.	7.1	79
9	Synthesis of 13-(substituted benzyl) berberine and berberrubine derivatives as antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 3913-3916.	2.2	68
10	Mutational Analysis of <i>Xanthomonas</i> Harpin HpaG Identifies a Key Functional Region That Elicits the Hypersensitive Response in Nonhost Plants. <i>Journal of Bacteriology</i> , 2004, 186, 6239-6247.	2.2	64
11	Complete Genome Sequence of <i>Burkholderia gladioli</i> BSR3. <i>Journal of Bacteriology</i> , 2011, 193, 3149-3149.	2.2	47
12	The Quorum Sensing-Dependent Gene <i>katG</i> of <i>Burkholderia glumae</i> Is Important for Protection from Visible Light. <i>Journal of Bacteriology</i> , 2009, 191, 4152-4157.	2.2	46
13	Comparative genome analysis of rice-pathogenic <i>Burkholderia</i> provides insight into capacity to adapt to different environments and hosts. <i>BMC Genomics</i> , 2015, 16, 349.	2.8	45
14	Proteomic analysis of the proteins regulated by HrpB from the plant pathogenic bacterium <i>Burkholderia glumae</i> . <i>Proteomics</i> , 2008, 8, 106-121.	2.2	43
15	<i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Type III Effector XopN Targets OsVOZ2 and a Putative Thiamine Synthase as a Virulence Factor in Rice. <i>PLoS ONE</i> , 2013, 8, e73346.	2.5	40
16	RNA-Seq Analysis and De Novo Transcriptome Assembly of Jerusalem Artichoke ( <i>Helianthus tuberosus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	31
17	Nucleotide sequence and genomic organization of a newly identified member of the genus Carmovirus, soybean yellow mottle mosaic virus, from soybean. <i>Archives of Virology</i> , 2009, 154, 1679-1684.	2.1	30
18	Complete genome sequence of a novel endornavirus isolated from hot pepper. <i>Archives of Virology</i> , 2015, 160, 3153-3156.	2.1	29

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19	The complete genomic sequence of a tentative new polerovirus identified in barley in South Korea. Archives of Virology, 2016, 161, 2047-2050.	2.1	29
20	Genome sequence of a recombinant brassica yellows virus infecting Chinese cabbage. Archives of Virology, 2015, 160, 597-600.	2.1	27
21	Development of tobacco ringspot virus-based vectors for foreign gene expression and virus-induced gene silencing in a variety of plants. Virology, 2016, 492, 166-178.	2.4	27
22	Antifungal Activity of CHE-23C, a Dimeric Sesquiterpene from Chloranthus henryi. Journal of Agricultural and Food Chemistry, 2009, 57, 5750-5755.	5.2	26
23	Construction of SARS-CoV-2 virus-like particles in plant. Scientific Reports, 2022, 12, 1005.	3.3	26
24	Sesquiterpene Furan Compound CJ-01, a Novel Chitin Synthase 2 Inhibitor from Chloranthus japonicus SIEB.. Biological and Pharmaceutical Bulletin, 2008, 31, 1041-1044.	1.4	24
25	Synthesis and antifungal activity of a novel series of 13-(4-isopropylbenzyl)berberine derivatives. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6551-6554.	2.2	24
26	Development of Multiplex RT-PCR for Simultaneous Detection of Garlic Viruses and the Incidence of Garlic Viral Disease in Garlic Genetic Resources. Plant Pathology Journal, 2015, 31, 90-96.	1.7	23
27	A novel lightâ€dependent selection marker system in plants. Plant Biotechnology Journal, 2011, 9, 348-358.	8.3	22
28	Rapid and Specific Detection of Apple stem grooving virus by Reverse Transcription-recombinase Polymerase Amplification. Plant Pathology Journal, 2018, 34, 575-579.	1.7	22
29	Comparative analysis of three indigenous plasmids from Xanthomonas axonopodis pv. glycines. Plasmid, 2006, 56, 79-87.	1.4	21
30	Biochemical Evidence for ToxR and ToxJ Binding to the <i>tox</i> Operons of <i>Burkholderia glumae</i> and Mutational Analysis of ToxR. Journal of Bacteriology, 2009, 191, 4870-4878.	2.2	19
31	Deep Sequencing Analysis of Apple Infecting Viruses in Korea. Plant Pathology Journal, 2016, 32, 441-451.	1.7	19
32	Inhibition of Chitin Synthase 2 and Antifungal Activity of Lignans from the Stem Bark of <i>Lindera erythrocarpa</i>. Planta Medica, 2007, 73, 679-682.	1.3	18
33	An HrpBâ€dependent but type IIIâ€independent extracellular aspartic protease is a virulence factor of <i>Ralstonia solanacearum</i>. Molecular Plant Pathology, 2011, 12, 373-380.	4.2	17
34	Arabidopsis TTR1 Causes LRR-Dependent Lethal Systemic Necrosis, rather than Systemic Acquired Resistance, to Tobacco Ringspot Virus. Molecules and Cells, 2011, 32, 421-430.	2.6	17
35	Development of the Large-Scale Oligonucleotide Chip for the Diagnosis of Plant Viruses and its Practical Use. Plant Pathology Journal, 2014, 30, 51-57.	1.7	17
36	Development of a new vector using Soybean yellow common mosaic virus for gene function study or heterologous protein expression in soybeans. Journal of Virological Methods, 2016, 228, 1-9.	2.1	17

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37	Complete nucleotide sequence and genome organization of peach virus D, a putative new member of the genus Marafivirus. Archives of Virology, 2017, 162, 1769-1772.	2.1	17
38	Organization and characterization of genetic regions in <i>Bacillus subtilis</i> subsp. <i>krietiensis</i> ATCC55079 associated with the biosynthesis of iturin and surfactin compounds. PLoS ONE, 2017, 12, e0188179.	2.5	17
39	Genomic detection and characterization of a Korean isolate of Little cherry virus 1 sampled from a peach tree. Virus Genes, 2015, 51, 260-266.	1.6	16
40	Isolation and characterization of a high iturin yielding <i>Bacillus velezensis</i> UV mutant with improved antifungal activity. PLoS ONE, 2020, 15, e0234177.	2.5	16
41	Optimization of a Virus-Induced Gene Silencing System with Soybean yellow common mosaic virus for Gene Function Studies in Soybeans. Plant Pathology Journal, 2016, 32, 112-122.	1.7	15
42	Protein interactome analysis of 12 mitogen-activated protein kinase kinase kinase in rice using a yeast two-hybrid system. Proteomics, 2014, 14, 105-115.	2.2	14
43	Complete genome sequence of a tentative new caulimovirus from the medicinal plant <i>Atractylodes macrocephala</i> . Archives of Virology, 2015, 160, 3127-3131.	2.1	14
44	The complete genome sequences of two isolates of cnidium vein yellowing virus, a tentative new member of the family Secoviridae. Archives of Virology, 2015, 160, 2911-2914.	2.1	14
45	Complete nucleotide sequence of a highly divergent cherry-associated luteovirus (ChALV) isolate from peach in South Korea. Archives of Virology, 2017, 162, 2893-2896.	2.1	14
46	Biological and molecular characterization of Soybean yellow common mosaic virus, a new species in the genus Sobemovirus. Virus Research, 2012, 163, 363-367.	2.2	13
47	The complete nucleotide sequence and genome organization of lychnis mottle virus. Archives of Virology, 2015, 160, 2891-2894.	2.1	13
48	Complete genome sequence and construction of infectious full-length cDNA clones of tobacco ringspot Nepovirus, a viral pathogen causing bud blight in soybean. Virus Genes, 2015, 51, 163-166.	1.6	13
49	Gibberellin Promotes Bolting and Flowering via the Floral Integrators RsFT and RsSOC1-1 under Marginal Vernalization in Radish. Plants, 2020, 9, 594.	3.5	13
50	Comparative proteomic analysis of host responses to <i>Plasmodiophora brassicae</i> infection in susceptible and resistant <i>Brassica oleracea</i> . Plant Biotechnology Reports, 2020, 14, 263-274.	1.5	11
51	Genome-wide identification of flowering time genes associated with vernalization and the regulatory flowering networks in Chinese cabbage. Plant Biotechnology Reports, 2018, 12, 347-363.	1.5	10
52	First report of citrus leaf blotch virus in Satsuma mandarin in Korea. Journal of Plant Pathology, 2019, 101, 1229-1229.	1.2	10
53	Molecular detection and characterization of a divergent isolate of Plantago asiatica mosaic virus in Plantago asiatica. VirusDisease, 2016, 27, 307-310.	2.0	9
54	The complete genome sequence of apple rootstock virus A, a novel nucleorhabdovirus identified in apple rootstocks. Archives of Virology, 2019, 164, 2641-2644.	2.1	9

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55	Actin Cytoskeleton and Golgi Involvement in Barley stripe mosaic virus Movement and Cell Wall Localization of Triple Gene Block Proteins. <i>Plant Pathology Journal</i> , 2013, 29, 17-30.	1.7	9
56	Molecular and Biological Characterization of a Trackable Illinois Isolate of Barley yellow dwarf virus-PAV. <i>Plant Disease</i> , 2000, 84, 483-486.	1.4	8
57	A Phenylpropanoid Glycoside as a Calcineurin Inhibitor Isolated from <i>Magnolia obovata</i> Thunb.. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1429-1432.	2.1	8
58	Complete genome sequence of keunjong mosaic virus, a potyvirus from <i>Cynanchum wilfordii</i> . <i>Archives of Virology</i> , 2013, 158, 1817-1820.	2.1	7
59	Genomic detection and molecular characterization of two distinct isolates of cycas necrotic stunt virus from <i>Paeonia suffruticosa</i> and <i>Daphne odora</i> . <i>Virus Genes</i> , 2019, 55, 734-737.	1.6	7
60	Occurrence of Three Major Soybean Viruses, Soybean mosaic virus, Soybean yellow mottle mosaic virus and Soybean yellow common mosaic virus Revealed by a Nationwide Survey of Subsistence Farming Soybean Fields. <i>Research in Plant Disease</i> , 2013, 19, 319-325.	0.8	7
61	Toxoflavin Lyase Enzyme as a Marker for Selecting Potato Plant Transformants. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 2354-2356.	1.3	6
62	Nucleotide sequence and genome organization of a new proposed crinivirus, tetterwort vein chlorosis virus. <i>Archives of Virology</i> , 2015, 160, 2899-2902.	2.1	6
63	Complete genome analysis of a novel umbravirus-polerovirus combination isolated from <i>Ixeridium dentatum</i> . <i>Archives of Virology</i> , 2017, 162, 3893-3897.	2.1	6
64	Complete genome sequence of Codonopsis torradovirus A, a novel torradovirus infecting <i>Codonopsis lanceolata</i> in South Korea. <i>Archives of Virology</i> , 2021, 166, 3473-3476.	2.1	6
65	Complete Genome Sequences of Grapevine Yellow Speckle Viroid 1 and Hop Stunt Viroid Assembled from the Transcriptome of <i>Ixeridium dentatum</i> Plants. <i>Genome Announcements</i> , 2015, 3, .	0.8	5
66	Complete Genome Sequence of Ornithogalum Mosaic Virus Infecting <i>Gladiolus</i> spp. in South Korea. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
67	Complete Genome Sequence of <i>Rehmannia Mosaic Virus</i> Infecting <i>Rehmannia glutinosa</i> in South Korea. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
68	Complete genome sequence of a novel potyvirus, callistephus mottle virus, identified in <i>Callistephus chinensis</i> . <i>Archives of Virology</i> , 2016, 161, 3281-3283.	2.1	5
69	Complete genome sequence of a putative new caulimovirus which exists as endogenous pararetroviral sequences in <i>Angelica dahurica</i> . <i>Archives of Virology</i> , 2017, 162, 3837-3842.	2.1	5
70	Complete Genome Sequence of Nectarine stem pitting-associated virus , Isolated from <i>Prunus persica</i> in Cheongdo County, South Korea. <i>Genome Announcements</i> , 2017, 5, .	0.8	5
71	Characteristics of a Lettuce mosaic virus Isolate Infecting Lettuce in Korea. <i>Plant Pathology Journal</i> , 2014, 30, 183-187.	1.7	5
72	Complete genome sequence of cnidium virus 1, a novel betanucleorhabdovirus infecting <i>Cnidium officinale</i> . <i>Archives of Virology</i> , 2022, 167, 973-977.	2.1	5

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73	Complete genome sequence of cnidium closterovirus 1, a novel member of the genus Closterovirus infecting Cnidium officinale. Archives of Virology, 2022, 167, 1491-1494.	2.1	5
74	Complete genome sequence of a South Korean isolate of Brugmansia mosaic virus. Archives of Virology, 2013, 158, 2019-2022.	2.1	4
75	Complete genome sequence of artemisia virus B, a new polerovirus infecting Artemisia princeps in South Korea. Archives of Virology, 2021, 166, 1495-1499.	2.1	4
76	Inhibition of the Calcineurin Pathway by Two Flavonoids Isolated from Miliusa sinensis Finet & Gagnep.. Journal of Microbiology and Biotechnology, 2016, 26, 1696-1700.	2.1	4
77	Complete genome sequence of pueraria virus A, a new member of the genus Caulimovirus. Archives of Virology, 2022, 167, 1481-1485.	2.1	4
78	Production of Barley yellow dwarf virus antisera by DNA immunization. Canadian Journal of Plant Pathology, 2000, 22, 410-415.	1.4	3
79	Suppression of pepper SGT1 and SKP1 causes severe retardation of plant growth and compromises basal resistance. Physiologia Plantarum, 2006, 126, 060217072449001-???	5.2	3
80	The first complete sequence and genome structure of daphne virus Y. Archives of Virology, 2016, 161, 2905-2908.	2.1	3
81	The complete sequence and genome organization of ligustrum virus A, a novel carlavirus. Archives of Virology, 2016, 161, 3593-3596.	2.1	3
82	First report of cherry virus A infecting Prunus mume in South Korea. VirusDisease, 2017, 28, 220-221.	2.0	3
83	Complete genome sequence of rice virus A, a new member of the family Tombusviridae. Archives of Virology, 2017, 162, 3247-3250.	2.1	3
84	Complete genome sequence of a tentative new member of the genus Badnavirus identified in Codonopsis lanceolata. Archives of Virology, 2019, 164, 1733-1737.	2.1	3
85	Complete genome sequence and genome organization of achyranthes virus A, a novel member of the genus Potyvirus. Archives of Virology, 2020, 165, 2695-2698.	2.1	3
86	Complete genome sequence of platycodon closterovirus 1, a novel putative member of the genus Closterovirus. Archives of Virology, 2021, 166, 2051-2054.	2.1	3
87	Complete genome sequence of Plantago asiatica virus A, a novel putative member of the genus Polerovirus. Archives of Virology, 2022, 167, 219-222.	2.1	3
88	Beet western yellows virus (BWYV): Aspect of Outbreak and Survey, and First Complete Genome Sequence of a Korea Isolate of BWYV. Research in Plant Disease, 2018, 24, 276-284.	0.8	3
89	First Report of Cotton Leafroll Dwarf Virus Infecting Hibiscus syriacus in South Korea. Plant Disease, 2022, 106, 3003.	1.4	3
90	Qualitative and Quantitative Detection of Agricultural Microorganisms Expressing Iturin and Mop Cyclase in Soils. Journal of Agricultural and Food Chemistry, 2010, 58, 12657-12663.	5.2	2

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91	Generation of an Infectious Clone of a New Korean Isolate of Apple chlorotic leaf spot virus Driven by Dual 35S and T7 Promoters in a Versatile Binary Vector. <i>Plant Pathology Journal</i> , 2017, 33, 608-613.	1.7	2
92	Characterization of Brugmansia mosaic virus Isolated from Brugmansia spp. in Korea. <i>Research in Plant Disease</i> , 2014, 20, 307-313.	0.8	2
93	Construction of full-length infectious cDNA clones of two Korean isolates of turnip mosaic virus breaking resistance in Brassica napus. <i>Archives of Virology</i> , 2022, 167, 1157-1162.	2.1	2
94	Nucleotide sequence and genome organization of atractylodes mottle virus, a new member of the genus Carlavirus. <i>Archives of Virology</i> , 2015, 160, 2895-2898.	2.1	1
95	Complete genome sequence of a tentative new umbravirus isolated from <i>Patrinia scabiosaefolia</i> . <i>Archives of Virology</i> , 2019, 164, 2375-2378.	2.1	1
96	Complete genome sequence of a putative novel potyvirus isolated from <i>Platycodon grandiflorum</i> . <i>Archives of Virology</i> , 2019, 164, 621-624.	2.1	1
97	Identification and molecular characterization of a novel kudzu-infecting virus of the family Betaflexiviridae. <i>Archives of Virology</i> , 0, , .	2.1	1
98	Complete Genome Sequence of a South Korean Isolate of <i>Habenaria</i> mosaic virus. <i>Genome Announcements</i> , 2016, 4, .	0.8	0
99	Complete Genome Sequence of a Papaya ringspot virus Isolate from South Korea That Infects <i>Cucurbita pepo</i> . <i>Genome Announcements</i> , 2017, 5, .	0.8	0
100	Complete genome sequence and genome organization of scorzonera virus A (SCoVA), a novel member of the genus Potyvirus. <i>Archives of Virology</i> , 2021, 166, 2901-2904.	2.1	0
101	Complete genome sequence of a putative novel alphaendornavirus isolated from <i>Fagopyrum esculentum</i> in South Korea. <i>Archives of Virology</i> , 2022, , 1.	2.1	0