

Jae Sun Moon

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

2,153
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279798

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102
times ranked

2922
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#	ARTICLE	IF	CITATIONS
1	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
2	Construction of SARS-CoV-2 virus-like particles in plant. Scientific Reports, 2022, 12, 1005.	3.3	26
3	Complete genome sequence of cnidium virus 1, a novel betanucleorhabdovirus infecting Cnidium officinale. Archives of Virology, 2022, 167, 973-977.	2.1	5
4	First Report of Cotton Leafroll Dwarf Virus Infecting <i>Hibiscus syriacus</i> in South Korea. Plant Disease, 2022, 106, 3003.	1.4	3
5	Construction of full-length infectious cDNA clones of two Korean isolates of turnip mosaic virus breaking resistance in Brassica napus. Archives of Virology, 2022, 167, 1157-1162.	2.1	2
6	Complete genome sequence of a putative novel alphaendornavirus isolated from Fagopyrum esculentum in South Korea. Archives of Virology, 2022, , 1.	2.1	0
7	Complete genome sequence of pueraria virus A, a new member of the genus Caulimovirus. Archives of Virology, 2022, 167, 1481-1485.	2.1	4
8	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
9	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
10	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
11	Complete genome sequence and genome organization of scorzonera virus A (SCoVA), a novel member of the genus Potyvirus. Archives of Virology, 2021, 166, 2901-2904.	2.1	0
12	Complete genome sequence of Codonopsis torradovirus A, a novel torradovirus infecting Codonopsis lanceolata in South Korea. Archives of Virology, 2021, 166, 3473-3476.	2.1	6
13	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
14	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
15	Comparative proteomic analysis of host responses to Plasmodiophora brassicae infection in susceptible and resistant Brassica oleracea. Plant Biotechnology Reports, 2020, 14, 263-274.	1.5	11
16	Isolation and characterization of a high iturin yielding Bacillus velezensis UV mutant with improved antifungal activity. PLoS ONE, 2020, 15, e0234177.	2.5	16
17	First report of citrus leaf blotch virus in Satsuma mandarin in Korea. Journal of Plant Pathology, 2019, 101, 1229-1229.	1.2	10
18	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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19	Genomic detection and molecular characterization of two distinct isolates of cycas necrotic stunt virus from <i>Paesia suffruticosa</i> and <i>Daphne odora</i> . <i>Virus Genes</i> , 2019, 55, 734-737.	1.6	7
20	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
21	Complete genome sequence of a tentative new member of the genus <i>Badnavirus</i> identified in <i>Codonopsis lanceolata</i> . <i>Archives of Virology</i> , 2019, 164, 1733-1737.	2.1	3
22	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
23	Rapid and Specific Detection of Apple stem grooving virus by Reverse Transcription-recombinase Polymerase Amplification. <i>Plant Pathology Journal</i> , 2018, 34, 575-579.	1.7	22
24	Genome-wide identification of flowering time genes associated with vernalization and the regulatory flowering networks in Chinese cabbage. <i>Plant Biotechnology Reports</i> , 2018, 12, 347-363.	1.5	10
25	Beet western yellows virus (BWYV): Aspect of Outbreak and Survey, and First Complete Genome Sequence of a Korea Isolate of BWYV. <i>Research in Plant Disease</i> , 2018, 24, 276-284.	0.8	3
26	Complete nucleotide sequence and genome organization of peach virus D, a putative new member of the genus <i>Marafivirus</i> . <i>Archives of Virology</i> , 2017, 162, 1769-1772.	2.1	17
27	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
28	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
29	First report of cherry virus A infecting <i>Prunus mume</i> in South Korea. <i>VirusDisease</i> , 2017, 28, 220-221.	2.0	3
30	Complete nucleotide sequence of a highly divergent cherry-associated luteovirus (ChALV) isolate from peach in South Korea. <i>Archives of Virology</i> , 2017, 162, 2893-2896.	2.1	14
31	Complete genome sequence of rice virus A, a new member of the family <i>Tombusviridae</i> . <i>Archives of Virology</i> , 2017, 162, 3247-3250.	2.1	3
32	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
33	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
34	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. <i>PLoS ONE</i> , 2017, 12, e0188179.	2.5	17
35	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
36	Deep Sequencing Analysis of Apple Infecting Viruses in Korea. <i>Plant Pathology Journal</i> , 2016, 32, 441-451.	1.7	19

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37	Complete Genome Sequence of Ornithogalum Mosaic Virus Infecting Gladiolus spp. in South Korea. Genome Announcements, 2016, 4, .	0.8	5
38	The first complete sequence and genome structure of daphne virus Y. Archives of Virology, 2016, 161, 2905-2908.	2.1	3
39	Complete Genome Sequence of <i>Rehmannia Mosaic Virus</i> Infecting <i>Rehmannia glutinosa</i> in South Korea. Genome Announcements, 2016, 4, .	0.8	5
40	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
41	The complete sequence and genome organization of ligustrum virus A, a novel carlavirus. Archives of Virology, 2016, 161, 3593-3596.	2.1	3
42	Molecular detection and characterization of a divergent isolate of Plantago asiatica mosaic virus in Plantago asiatica. VirusDisease, 2016, 27, 307-310.	2.0	9
43	Complete genome sequence of a novel potyvirus, callistephus mottle virus, identified in Callistephus chinensis. Archives of Virology, 2016, 161, 3281-3283.	2.1	5
44	Complete Genome Sequence of a South Korean Isolate of Habenaria mosaic virus. Genome Announcements, 2016, 4, .	0.8	0
45	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
46	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
47	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
48	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
49	Complete Genome Sequences of Grapevine Yellow Speckle Viroid 1 and Hop Stunt Viroid Assembled from the Transcriptome of Ixeridium dentatum Plants. Genome Announcements, 2015, 3, .	0.8	5
50	Comparative genome analysis of rice-pathogenic Burkholderia provides insight into capacity to adapt to different environments and hosts. BMC Genomics, 2015, 16, 349.	2.8	45
51	Complete genome sequence of a tentative new caulimovirus from the medicinal plant Atractylodes macrocephala. Archives of Virology, 2015, 160, 3127-3131.	2.1	14
52	Complete genome sequence of a novel endornavirus isolated from hot pepper. Archives of Virology, 2015, 160, 3153-3156.	2.1	29
53	The complete nucleotide sequence and genome organization of lychnis mottle virus. Archives of Virology, 2015, 160, 2891-2894.	2.1	13
54	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

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55	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
56	Nucleotide sequence and genome organization of atractylodes mottle virus, a new member of the genus Carlavirus. Archives of Virology, 2015, 160, 2895-2898.	2.1	1
57	Nucleotide sequence and genome organization of a new proposed crinivirus, tetterwort vein chlorosis virus. Archives of Virology, 2015, 160, 2899-2902.	2.1	6
58	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
59	Genome sequence of a recombinant brassica yellows virus infecting Chinese cabbage. Archives of Virology, 2015, 160, 597-600.	2.1	27
60	A Phenylpropanoid Glycoside as a Calcineurin Inhibitor Isolated from Magnolia obovata Thunb.. Journal of Microbiology and Biotechnology, 2015, 25, 1429-1432.	2.1	8
61	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
62	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
63	RNA-Seq Analysis and De Novo Transcriptome Assembly of Jerusalem Artichoke (Helianthus tuberosus) Tj ETQq1 1 0.784314 ggBT /Ov	2.5	31
64	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
65	The Activated SA and JA Signaling Pathways Have an Influence on flg22-Triggered Oxidative Burst and Callose Deposition. PLoS ONE, 2014, 9, e88951.	2.5	135
66	Characteristics of a Lettuce mosaic virus Isolate Infecting Lettuce in Korea. Plant Pathology Journal, 2014, 30, 183-187.	1.7	5
67	Characterization of Brugmansia mosaic virus Isolated from Brugmansia spp. in Korea. Research in Plant Disease, 2014, 20, 307-313.	0.8	2
68	Complete genome sequence of keunjong mosaic virus, a potyvirus from Cynanchum wilfordii. Archives of Virology, 2013, 158, 1817-1820.	2.1	7
69	Complete genome sequence of a South Korean isolate of Brugmansia mosaic virus. Archives of Virology, 2013, 158, 2019-2022.	2.1	4
70	Xanthomonas oryzae pv. oryzae Type III Effector XopN Targets OsVOZ2 and a Putative Thiamine Synthase as a Virulence Factor in Rice. PLoS ONE, 2013, 8, e73346.	2.5	40
71	Actin Cytoskeleton and Golgi Involvement in Barley stripe mosaic virus Movement and Cell Wall Localization of Triple Gene Block Proteins. Plant Pathology Journal, 2013, 29, 17-30.	1.7	9
72	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. Research in Plant Disease, 2013, 19, 319-325.	0.8	7

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73	Rice Mitogen-Activated Protein Kinase Interactome Analysis Using the Yeast Two-Hybrid System. <i>Plant Physiology</i> , 2012, 160, 477-487.	4.8	81
74	Toxoflavin Lyase Enzyme as a Marker for Selecting Potato Plant Transformants. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 2354-2356.	1.3	6
75	Biological and molecular characterization of Soybean yellow common mosaic virus, a new species in the genus Sobemovirus. <i>Virus Research</i> , 2012, 163, 363-367.	2.2	13
76	A novel light-dependent selection marker system in plants. <i>Plant Biotechnology Journal</i> , 2011, 9, 348-358.	8.3	22
77	An HrpB-dependent but type III-independent extracellular aspartic protease is a virulence factor of <i>Ralstonia solanacearum</i> . <i>Molecular Plant Pathology</i> , 2011, 12, 373-380.	4.2	17
78	Arabidopsis TTR1 Causes LRR-Dependent Lethal Systemic Necrosis, rather than Systemic Acquired Resistance, to Tobacco Ringspot Virus. <i>Molecules and Cells</i> , 2011, 32, 421-430.	2.6	17
79	Complete Genome Sequence of <i>Burkholderia gladioli</i> BSR3. <i>Journal of Bacteriology</i> , 2011, 193, 3149-3149.	2.2	47
80	Small-molecule inhibitor binding to an N-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
81	Synthesis and antifungal activity of a novel series of 13-(4-isopropylbenzyl)berberine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6551-6554.	2.2	24
82	Qualitative and Quantitative Detection of Agricultural Microorganisms Expressing Iturin and Mop Cyclase in Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 12657-12663.	5.2	2
83	Biochemical Evidence for ToxR and ToxJ Binding to the <i>tox</i> Operons of <i>Burkholderia glumae</i> and Mutational Analysis of ToxR. <i>Journal of Bacteriology</i> , 2009, 191, 4870-4878.	2.2	19
84	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
85	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
86	Antifungal Activity of CHE-23C, a Dimeric Sesquiterpene from <i>Chloranthus henryi</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5750-5755.	5.2	26
87	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
88	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
89	Sesquiterpene Furan Compound CJ-01, a Novel Chitin Synthase 2 Inhibitor from <i>Chloranthus japonicus</i> SIEB.. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1041-1044.	1.4	24
90	Amyloidogenesis of Type III-dependent Harpins from Plant Pathogenic Bacteria. <i>Journal of Biological Chemistry</i> , 2007, 282, 13601-13609.	3.4	94

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91	Inhibition of Chitin Synthase 2 and Antifungal Activity of Lignans from the Stem Bark of <i>Lindera erythrocarpa</i> . <i>Planta Medica</i> , 2007, 73, 679-682.	1.3	18
92	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
93	Suppression of pepper SGT1 and SKP1 causes severe retardation of plant growth and compromises basal resistance. <i>Physiologia Plantarum</i> , 2006, 126, 060217072449001-???	5.2	3
94	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
95	Comparative analysis of three indigenous plasmids from <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> . <i>Plasmid</i> , 2006, 56, 79-87.	1.4	21
96	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
97	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
98	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
99	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
100	Production of Barley yellow dwarf virus antisera by DNA immunization. <i>Canadian Journal of Plant Pathology</i> , 2000, 22, 410-415.	1.4	3
101	Identification and molecular characterization of a novel kudzu-infecting virus of the family Betaflexiviridae. <i>Archives of Virology</i> , 0, , .	2.1	1