

Jae Sun Moon

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97
papers

1,585
citations

20
h-index

36
g-index

102
ext. papers

1,930
ext. citations

3.1
avg, IF

4.09
L-index

#	Paper	IF	Citations
97	Pyrrroloquinoline quinone is a plant growth promotion factor produced by <i>Pseudomonas fluorescens</i> B16. <i>Plant Physiology</i> , 2008 , 146, 657-68	6.6	149
96	Regulation of polar flagellum genes is mediated by quorum sensing and FlhDC in <i>Burkholderia glumae</i> . <i>Molecular Microbiology</i> , 2007 , 64, 165-79	4.1	91
95	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, 12089-94	11.5	87
94	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	3.7	85
93	Amyloidogenesis of type III-dependent harpins from plant pathogenic bacteria. <i>Journal of Biological Chemistry</i> , 2007 , 282, 13601-9	5.4	83
92	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	3.8	82
91	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, 8846-51	11.5	70
90	Rice mitogen-activated protein kinase interactome analysis using the yeast two-hybrid system. <i>Plant Physiology</i> , 2012 , 160, 477-87	6.6	61
89	Synthesis of 13-(substituted benzyl) berberine and berberrubine derivatives as antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 3913-6	2.9	59
88	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, 6239-47	3.5	58
87	Complete genome sequence of <i>Burkholderia gladioli</i> BSR3. <i>Journal of Bacteriology</i> , 2011 , 193, 3149	3.5	43
86	The quorum sensing-dependent gene katG of <i>Burkholderia glumae</i> is important for protection from visible light. <i>Journal of Bacteriology</i> , 2009 , 191, 4152-7	3.5	35
85	Proteomic analysis of the proteins regulated by HrpB from the plant pathogenic bacterium <i>Burkholderia glumae</i> . <i>Proteomics</i> , 2008 , 8, 106-21	4.8	34
84	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	4.5	32
83	<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	3.7	29
82	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, 1679-84	2.6	26
81	Complete genome sequence of a novel endornavirus isolated from hot pepper. <i>Archives of Virology</i> , 2015 , 160, 3153-6	2.6	25

80	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, 1041-4	2.3	21
79	RNA-seq analysis and de novo transcriptome assembly of Jerusalem artichoke (<i>Helianthus tuberosus</i> Linne). <i>PLoS ONE</i> , 2014 , 9, e111982	3.7	20
78	Antifungal activity of CHE-23C, a dimeric sesquiterpene from <i>Chloranthus henryi</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 5750-5	5.7	20
77	Synthesis and antifungal activity of a novel series of 13-(4-isopropylbenzyl)berberine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 6551-4	2.9	20
76	Comparative analysis of three indigenous plasmids from <i>Xanthomonas axonopodis</i> pv. <i>glycines</i> . <i>Plasmid</i> , 2006 , 56, 79-87	3.3	19
75	A novel light-dependent selection marker system in plants. <i>Plant Biotechnology Journal</i> , 2011 , 9, 348-58	11.6	18
74	Development of tobacco ringspot virus-based vectors for foreign gene expression and virus-induced gene silencing in a variety of plants. <i>Virology</i> , 2016 , 492, 166-78	3.6	17
73	Development of multiplex rt-PCR for simultaneous detection of garlic viruses and the incidence of garlic viral disease in garlic genetic resources. <i>Plant Pathology Journal</i> , 2015 , 31, 90-6	2.5	17
72	The complete genomic sequence of a tentative new polerovirus identified in barley in South Korea. <i>Archives of Virology</i> , 2016 , 161, 2047-50	2.6	17
71	Genome sequence of a recombinant brassica yellows virus infecting Chinese cabbage. <i>Archives of Virology</i> , 2015 , 160, 597-600	2.6	16
70	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, 679-82	3.1	16
69	<i>Arabidopsis</i> TTR1 causes LRR-dependent lethal systemic necrosis, rather than systemic acquired resistance, to Tobacco ringspot virus. <i>Molecules and Cells</i> , 2011 , 32, 421-9	3.5	15
68	Biochemical evidence for ToxR and ToxJ binding to the tox operons of <i>Burkholderia glumae</i> and mutational analysis of ToxR. <i>Journal of Bacteriology</i> , 2009 , 191, 4870-8	3.5	15
67	Development of the large-scale oligonucleotide chip for the diagnosis of plant viruses and its practical use. <i>Plant Pathology Journal</i> , 2014 , 30, 51-7	2.5	14
66	Complete genome sequence of a tentative new caulimovirus from the medicinal plant <i>Atractylodes macrocephala</i> . <i>Archives of Virology</i> , 2015 , 160, 3127-31	2.6	13
65	Development of a new vector using Soybean yellow common mosaic virus for gene function study or heterologous protein expression in soybeans. <i>Journal of Virological Methods</i> , 2016 , 228, 1-9	2.6	12
64	Rapid and Specific Detection of by Reverse Transcription-recombinase Polymerase Amplification. <i>Plant Pathology Journal</i> , 2018 , 34, 575-579	2.5	12
63	Genomic detection and characterization of a Korean isolate of Little cherry virus 1 sampled from a peach tree. <i>Virus Genes</i> , 2015 , 51, 260-6	2.3	11

62	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, 373-80	5.7	11
61	Deep Sequencing Analysis of Apple Infecting Viruses in Korea. <i>Plant Pathology Journal</i> , 2016 , 32, 441-451	5.5	11
60	Complete nucleotide sequence and genome organization of peach virus D, a putative new member of the genus Marafivirus. <i>Archives of Virology</i> , 2017 , 162, 1769-1772	2.6	10
59	The complete genome sequences of two isolates of cnidium vein yellowing virus, a tentative new member of the family Secoviridae. <i>Archives of Virology</i> , 2015 , 160, 2911-4	2.6	10
58	Protein interactome analysis of 12 mitogen-activated protein kinase kinase kinase in rice using a yeast two-hybrid system. <i>Proteomics</i> , 2014 , 14, 105-15	4.8	10
57	Optimization of a Virus-Induced Gene Silencing System with Soybean yellow common mosaic virus for Gene Function Studies in Soybeans. <i>Plant Pathology Journal</i> , 2016 , 32, 112-22	2.5	10
56	Complete genome sequence and construction of infectious full-length cDNA clones of tobacco ringspot Nepovirus, a viral pathogen causing bud blight in soybean. <i>Virus Genes</i> , 2015 , 51, 163-6	2.3	9
55	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	2.6	9
54	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	2.5	9
53	Comparative proteomic analysis of host responses to <i>Plasmodiophora brassicae</i> infection in susceptible and resistant <i>Brassica oleracea</i> . <i>Plant Biotechnology Reports</i> , 2020 , 14, 263-274	2.5	8
52	Biological and molecular characterization of Soybean yellow common mosaic virus, a new species in the genus Sobemovirus. <i>Virus Research</i> , 2012 , 163, 363-7	6.4	8
51	Organization and characterization of genetic regions in <i>Bacillus subtilis</i> subsp. <i>kriectiensis</i> ATCC55079 associated with the biosynthesis of iturin and surfactin compounds. <i>PLoS ONE</i> , 2017 , 12, e0188179	3.7	8
50	The complete genome sequence of apple rootstock virus A, a novel nucleorhabdovirus identified in apple rootstocks. <i>Archives of Virology</i> , 2019 , 164, 2641-2644	2.6	7
49	Molecular and Biological Characterization of a Trackable Illinois Isolate of Barley yellow dwarf virus-PAV. <i>Plant Disease</i> , 2000 , 84, 483-486	1.5	7
48	A Phenylpropanoid Glycoside as a Calcineurin Inhibitor Isolated from <i>Magnolia obovata</i> Thunb. <i>Journal of Microbiology and Biotechnology</i> , 2015 , 25, 1429-32	3.3	7
47	The complete nucleotide sequence and genome organization of lychnis mottle virus. <i>Archives of Virology</i> , 2015 , 160, 2891-4	2.6	6
46	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	2.3	6
45	Complete genome sequence of keunjongong mosaic virus, a potyvirus from <i>Cynanchum wilfordii</i> . <i>Archives of Virology</i> , 2013 , 158, 1817-20	2.6	6

44	Toxoflavin lyase enzyme as a marker for selecting potato plant transformants. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012 , 76, 2354-6	2.1	6
43	Molecular detection and characterization of a divergent isolate of Plantago asiatica mosaic virus in. <i>VirusDisease</i> , 2016 , 27, 307-310	3.4	6
42	Complete genome analysis of a novel umbravirus-polerovirus combination isolated from Ixeridium dentatum. <i>Archives of Virology</i> , 2017 , 162, 3893-3897	2.6	5
41	Complete Genome Sequences of Grapevine Yellow Speckle Viroid 1 and Hop Stunt Viroid Assembled from the Transcriptome of Ixeridium dentatum Plants. <i>Genome Announcements</i> , 2015 , 3,		5
40	Complete Genome Sequence of Ornithogalum Mosaic Virus Infecting Gladiolus spp. in South Korea. <i>Genome Announcements</i> , 2016 , 4,		5
39	Gibberellin Promotes Bolting and Flowering via the Floral Integrators and under Marginal Vernalization in Radish. <i>Plants</i> , 2020 , 9,	4.5	4
38	Complete genome sequence of a novel potyvirus, callistephus mottle virus, identified in Callistephus chinensis. <i>Archives of Virology</i> , 2016 , 161, 3281-3	2.6	4
37	Nucleotide sequence and genome organization of a new proposed crinivirus, tetterwort vein chlorosis virus. <i>Archives of Virology</i> , 2015 , 160, 2899-902	2.6	3
36	Complete Genome Sequence of , Isolated from in Cheongdo County, South Korea. <i>Genome Announcements</i> , 2017 , 5,		3
35	First report of citrus leaf blotch virus in Satsuma mandarin in Korea. <i>Journal of Plant Pathology</i> , 2019 , 101, 1229-1229	1	3
34	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	0.4	3
33	Isolation and characterization of a high iturin yielding Bacillus velezensis UV mutant with improved antifungal activity. <i>PLoS ONE</i> , 2020 , 15, e0234177	3.7	3
32	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	2.5	3
31	Complete genome sequence of a tentative new member of the genus Badnavirus identified in Codonopsis lanceolata. <i>Archives of Virology</i> , 2019 , 164, 1733-1737	2.6	2
30	Complete genome sequence of a putative new caulimovirus which exists as endogenous pararetroviral sequences in Angelica dahurica. <i>Archives of Virology</i> , 2017 , 162, 3837-3842	2.6	2
29	First report of cherry virus A infecting in South Korea. <i>VirusDisease</i> , 2017 , 28, 220-221	3.4	2
28	Complete genome sequence of a South Korean isolate of Brugmansia mosaic virus. <i>Archives of Virology</i> , 2013 , 158, 2019-22	2.6	2
27	Suppression of pepper SGT1 and SKP1 causes severe retardation of plant growth and compromises basal resistance. <i>Physiologia Plantarum</i> , 2006 , 126, 060217072449001-???	4.6	2

26	Inhibition of the Calcineurin Pathway by Two Flavonoids Isolated from Finet & Gagnep. <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 1696-1700	3.3	2
25	Generation of an Infectious Clone of a New Korean Isolate of Driven by Dual 35S and T7 Promoters in a Versatile Binary Vector. <i>Plant Pathology Journal</i> , 2017 , 33, 608-613	2.5	2
24	Characteristics of a Lettuce mosaic virus Isolate Infecting Lettuce in Korea. <i>Plant Pathology Journal</i> , 2014 , 30, 183-7	2.5	2
23	Complete genome sequence and genome organization of achyranthes virus A, a novel member of the genus Potyvirus. <i>Archives of Virology</i> , 2020 , 165, 2695-2698	2.6	2
22	Complete genome sequence of artemisia virus B, a new polerovirus infecting Artemisia princeps in South Korea. <i>Archives of Virology</i> , 2021 , 166, 1495-1499	2.6	2
21	Complete genome sequence of platycodon closterovirus 1, a novel putative member of the genus Closterovirus. <i>Archives of Virology</i> , 2021 , 166, 2051-2054	2.6	2
20	The first complete sequence and genome structure of daphne virus Y. <i>Archives of Virology</i> , 2016 , 161, 2905-8	2.6	2
19	Complete Genome Sequence of Rehmannia Mosaic Virus Infecting Rehmannia glutinosa in South Korea. <i>Genome Announcements</i> , 2016 , 4,		2
18	The complete sequence and genome organization of ligustrum virus A, a novel carlavirus. <i>Archives of Virology</i> , 2016 , 161, 3593-3596	2.6	2
17	Complete genome sequence of a tentative new umbravirus isolated from Patrinia scabiosaefolia. <i>Archives of Virology</i> , 2019 , 164, 2375-2378	2.6	1
16	Qualitative and quantitative detection of agricultural microorganisms expressing iturin and mop cyclase in soils. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 12657-63	5.7	1
15	Production of Barley yellow dwarf virus antisera by DNA immunization. <i>Canadian Journal of Plant Pathology</i> , 2000 , 22, 410-415	1.6	1
14	Construction of SARS-CoV-2 virus-like particles in plant.. <i>Scientific Reports</i> , 2022 , 12, 1005	4.9	1
13	Complete genome sequence of Plantago asiatica virus A, a novel putative member of the genus Polerovirus. <i>Archives of Virology</i> , 2021 , 167, 219	2.6	1
12	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	0.4	1
11	Characterization of Brugmansia mosaic virus Isolated from Brugmansia spp. in Korea. <i>Research in Plant Disease</i> , 2014 , 20, 307-313	0.4	1
10	Complete genome sequence of a putative novel potyvirus isolated from Platycodon grandiflorum. <i>Archives of Virology</i> , 2019 , 164, 621-624	2.6	1
9	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	2.6	1

8	Complete genome sequence of cnidium closterovirus 1, a novel member of the genus Closterovirus infecting <i>Cnidium officinale</i> .. <i>Archives of Virology</i> , 2022 , 1	2.6	1
7	Nucleotide sequence and genome organization of atractylodes mottle virus, a new member of the genus Carlavirus. <i>Archives of Virology</i> , 2015 , 160, 2895-8	2.6	0
6	Complete genome sequence of rice virus A, a new member of the family Tombusviridae. <i>Archives of Virology</i> , 2017 , 162, 3247-3250	2.6	0
5	Complete genome sequence of cnidium virus 1, a novel betanucleorhabdovirus infecting <i>Cnidium officinale</i> .. <i>Archives of Virology</i> , 2022 , 167, 973	2.6	0
4	Complete genome sequence of Codonopsis torradoxvirus A, a novel torradoxvirus infecting <i>Codonopsis lanceolata</i> in South Korea. <i>Archives of Virology</i> , 2021 , 166, 3473-3476	2.6	0
3	Complete genome sequence of pueraria virus A, a new member of the genus Caulimovirus.. <i>Archives of Virology</i> , 2022 , 1	2.6	0
2	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	2.6	
1	Complete genome sequence of a putative novel alphaendornavirus isolated from <i>Fagopyrum esculentum</i> in South Korea.. <i>Archives of Virology</i> , 2022 , 1	2.6	