

Marilyn J Roossinck

List of Publications by Year in descending order

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76
papers

7,940
citations

87888

38
h-index

95266

68
g-index

77
all docs

77
docs citations

77
times ranked

5809
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Virus-Free and Wild-Type Isolates of <i>Pseudogymnoascus destructans</i> Using a Porcine Ear Model. <i>MSphere</i> , 2022, 7, e0102221.	2.9	4
2	The Ups and Downs of an Out-of-the-Box Scientist with a Curious Mind. <i>Annual Review of Virology</i> , 2022, 9, .	6.7	0
3	Evolution of Mycoviruses. , 2021, , 457-460.		1
4	Phylogeographic analysis of <i>Pseudogymnoascus destructans</i> partitivirus-pa explains the spread dynamics of white-nose syndrome in North America. <i>PLoS Pathogens</i> , 2021, 17, e1009236.	4.7	9
5	RdRp or RT, That is the Question. <i>Molecular Biology and Evolution</i> , 2021, 38, 5082-5091.	8.9	5
6	Preface. <i>Advances in Virus Research</i> , 2020, 107, xi-xii.	2.1	0
7	Evolutionary and ecological links between plant and fungal viruses. <i>New Phytologist</i> , 2019, 221, 86-92.	7.3	74
8	Viruses in the phytobiome. <i>Current Opinion in Virology</i> , 2019, 37, 72-76.	5.4	24
9	Determinants of Coinfection in the Mycoviruses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 169.	3.9	29
10	Impact of Cultivated Hosts on the Recombination of Cucumber Mosaic Virus. <i>Journal of Virology</i> , 2019, 93, .	3.4	10
11	Manipulation of Aphid Behavior by a Persistent Plant Virus. <i>Journal of Virology</i> , 2019, 93, .	3.4	41
12	A 1,000-Year-Old RNA Virus. <i>Journal of Virology</i> , 2019, 93, .	3.4	26
13	Characterizing Mycoviruses. <i>Methods in Molecular Biology</i> , 2018, 1848, 13-24.	0.9	6
14	Large-Scale Synonymous Substitutions in Cucumber Mosaic Virus RNA 3 Facilitate Amino Acid Mutations in the Coat Protein. <i>Journal of Virology</i> , 2018, 92, .	3.4	11
15	Coevolution of a Persistent Plant Virus and Its Pepper Hosts. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 766-776.	2.6	35
16	ICTV Virus Taxonomy Profile: Partitiviridae. <i>Journal of General Virology</i> , 2018, 99, 17-18.	2.9	202
17	Virus taxonomy in the age of metagenomics. <i>Nature Reviews Microbiology</i> , 2017, 15, 161-168.	28.6	590
18	Symbiosis: Viruses as Intimate Partners. <i>Annual Review of Virology</i> , 2017, 4, 123-139.	6.7	74

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19	Deep sequencing for discovery and evolutionary analysis of plant viruses. <i>Virus Research</i> , 2017, 239, 82-86.	2.2	70
20	Analysis of quasispecies variation in single and mixed viral infection. <i>Virus Evolution</i> , 2017, 3, vex037.	4.9	12
21	Using a Novel Partitivirus in <i>Pseudogymnoascus destructans</i> to Understand the Epidemiology of White-Nose Syndrome. <i>PLoS Pathogens</i> , 2016, 12, e1006076.	4.7	38
22	Plant Virus Diversity and Evolution. , 2016, , 197-215.		7
23	Editorial overview: Environmental virology: how domestic viruses impact wild host species. <i>Current Opinion in Virology</i> , 2016, 19, v-vi.	5.4	1
24	Evolution of Persistent Viruses in Plants. , 2016, , 263-272.		2
25	A new look at plant viruses and their potential beneficial roles in crops. <i>Molecular Plant Pathology</i> , 2015, 16, 331-333.	4.2	45
26	Differential Responses to Virus Challenge of Laboratory and Wild Accessions of Australian Species of <i>Nicotiana</i> , and Comparative Analysis of RDR1 Gene Sequences. <i>PLoS ONE</i> , 2015, 10, e0121787.	2.5	38
27	Determinants of taxonomic composition of plant viruses at the Nature Conservancy's Tallgrass Prairie Preserve, Oklahoma. <i>Virus Evolution</i> , 2015, 1, vev007.	4.9	28
28	Plant Virus Metagenomics: Advances in Virus Discovery. <i>Phytopathology</i> , 2015, 105, 716-727.	2.2	340
29	Ecosystem simplification, biodiversity loss and plant virus emergence. <i>Current Opinion in Virology</i> , 2015, 10, 56-62.	5.4	119
30	Mutation and Recombination Frequencies Reveal a Biological Contrast within Strains of Cucumber Mosaic Virus. <i>Journal of Virology</i> , 2015, 89, 6817-6823.	3.4	10
31	Move Over, Bacteria! Viruses Make Their Mark as Mutualistic Microbial Symbionts. <i>Journal of Virology</i> , 2015, 89, 6532-6535.	3.4	108
32	Plants, viruses and the environment: Ecology and mutualism. <i>Virology</i> , 2015, 479-480, 271-277.	2.4	144
33	Plant virus metagenomics: what we know and why we need to know more. <i>Frontiers in Plant Science</i> , 2014, 5, 150.	3.6	83
34	How does the genome structure and lifestyle of a virus affect its population variation?. <i>Current Opinion in Virology</i> , 2014, 9, 39-44.	5.4	25
35	Metagenomics of plant and fungal viruses reveals an abundance of persistent lifestyles. <i>Frontiers in Microbiology</i> , 2014, 5, 767.	3.5	91
36	Molecular Characterization of a Novel Putative Partitivirus Infecting <i>Cytospora sacchari</i> , a Plant Pathogenic Fungus. <i>Plant Pathology Journal</i> , 2014, 30, 151-158.	1.7	7

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37	A life history view of mutualistic viral symbioses: quantity or quality for cooperation?. <i>Current Opinion in Microbiology</i> , 2013, 16, 514-518.	5.1	26
38	Multiplexed Interactions. <i>Advances in Virus Research</i> , 2013, 86, 37-58.	2.1	41
39	Plant Virus Ecology. <i>PLoS Pathogens</i> , 2013, 9, e1003304.	4.7	81
40	Biosecurity Implications of New Technology and Discovery in Plant Virus Research. <i>PLoS Pathogens</i> , 2013, 9, e1003337.	4.7	66
41	Fixation of Emerging Interviral Recombinants in Cucumber Mosaic Virus Populations. <i>Journal of Virology</i> , 2013, 87, 1264-1269.	3.4	15
42	Mapping Viral Functional Domains for Genetic Diversity in Plants. <i>Journal of Virology</i> , 2013, 87, 790-797.	3.4	15
43	Molecular Characterization, Ecology, and Epidemiology of a Novel Tymovirus in <i>Asclepias viridis</i> from Oklahoma. <i>Phytopathology</i> , 2012, 102, 166-176.	2.2	35
44	Detection of members of the Secoviridae in the Tallgrass Prairie Preserve, Osage County, Oklahoma, USA. <i>Virus Research</i> , 2012, 167, 34-42.	2.2	26
45	Are communities of microbial symbionts more diverse than communities of macrobial hosts?. <i>Fungal Biology</i> , 2012, 116, 465-477.	2.5	35
46	Do persistent RNA viruses fit the trade-off hypothesis of virulence evolution?. <i>Current Opinion in Virology</i> , 2012, 2, 556-560.	5.4	17
47	Plant Virus Metagenomics: Biodiversity and Ecology. <i>Annual Review of Genetics</i> , 2012, 46, 359-369.	7.6	183
48	Co-divergence and host-switching in the evolution of tobamoviruses. <i>Journal of General Virology</i> , 2012, 93, 408-418.	2.9	31
49	Persistent Plant Viruses: Molecular Hitchhikers or Epigenetic Elements?. , 2012, , 177-186.		27
50	The big unknown: plant virus biodiversity. <i>Current Opinion in Virology</i> , 2011, 1, 63-67.	5.4	49
51	Changes in Population Dynamics in Mutualistic versus Pathogenic Viruses. <i>Viruses</i> , 2011, 3, 12-19.	3.3	21
52	The good viruses: viral mutualistic symbioses. <i>Nature Reviews Microbiology</i> , 2011, 9, 99-108.	28.6	480
53	The remarkable evolutionary history of endornaviruses. <i>Journal of General Virology</i> , 2011, 92, 2674-2678.	2.9	104
54	Bell pepper endornavirus: molecular and biological properties, and occurrence in the genus <i>Capsicum</i> . <i>Journal of General Virology</i> , 2011, 92, 2664-2673.	2.9	92

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55	Genetic bottlenecks during systemic movement of Cucumber mosaic virus vary in different host plants. <i>Virology</i> , 2010, 404, 279-283.	2.4	35
56	Ecogenomics: using massively parallel pyrosequencing to understand virus ecology. <i>Molecular Ecology</i> , 2010, 19, 81-88.	3.9	220
57	Teasing apart a three-way symbiosis: Transcriptome analyses of <i>Curvularia protuberata</i> in response to viral infection and heat stress. <i>Biochemical and Biophysical Research Communications</i> , 2010, 401, 225-230.	2.1	59
58	Lifestyles of plant viruses. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 1899-1905.	4.0	205
59	Virus infection improves drought tolerance. <i>New Phytologist</i> , 2008, 180, 911-921.	7.3	348
60	A simple technique for separation of Cowpea chlorotic mottle virus from Cucumber mosaic virus in natural mixed infections. <i>Journal of Virological Methods</i> , 2008, 153, 163-167.	2.1	7
61	Environment Determines Fidelity for an RNA Virus Replicase. <i>Journal of Virology</i> , 2007, 81, 9072-9077.	3.4	55
62	A Virus in a Fungus in a Plant: Three-Way Symbiosis Required for Thermal Tolerance. <i>Science</i> , 2007, 315, 513-515.	12.6	770
63	Plant Virus Biodiversity and Ecology. <i>PLoS Biology</i> , 2006, 4, e80.	5.6	123
64	Symbiosis versus competition in plant virus evolution. <i>Nature Reviews Microbiology</i> , 2005, 3, 917-924.	28.6	153
65	Genetic Bottlenecks Reduce Population Variation in an Experimental RNA Virus Population. <i>Journal of Virology</i> , 2004, 78, 10582-10587.	3.4	186
66	PLANT VIRUS SATELLITE AND DEFECTIVE INTERFERING RNAs: New Paradigms for a New Century. <i>Annual Review of Phytopathology</i> , 2004, 42, 415-437.	7.8	209
67	Plant RNA virus evolution. <i>Current Opinion in Microbiology</i> , 2003, 6, 406-409.	5.1	102
68	Cucumber mosaic virus , a model for RNA virus evolution. <i>Molecular Plant Pathology</i> , 2001, 2, 59-63.	4.2	98
69	Genetic Diversity in RNA Virus Quasispecies Is Controlled by Host-Virus Interactions. <i>Journal of Virology</i> , 2001, 75, 6566-6571.	3.4	250
70	Evolutionarily Related Sindbis-Like Plant Viruses Maintain Different Levels of Population Diversity in a Common Host. <i>Journal of Virology</i> , 2000, 74, 3130-3134.	3.4	111
71	CUCUMOVIRUSES (BROMOVIRIDAE) General Features. , 1999, , 315-320.		18
72	Rearrangements in the 5' Nontranslated Region and Phylogenetic Analyses of Cucumber Mosaic Virus RNA 3 Indicate Radial Evolution of Three Subgroups. <i>Journal of Virology</i> , 1999, 73, 6752-6758.	3.4	206

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73	Cucumovirus Isolation and RNA Extraction. , 1998, 81, 189-196.		14
74	MECHANISMS OF PLANTVIRUS EVOLUTION. Annual Review of Phytopathology, 1997, 35, 191-209.	7.8	350
75	Cucumber MOSAIC Virus. Advances in Virus Research, 1992, 41, 281-348.	2.1	698
76	Rapid Induction and Severity of Symptoms in Zucchini Squash (<i>Cucurbita pepo</i>) Map to RNA 1 of Cucumber Mosaic Virus. Molecular Plant-Microbe Interactions, 1990, 3, 188.	2.6	66