

Joachim R De Miranda

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84 papers	3,664 citations	34 h-index	59 g-index
90 ext. papers	4,458 ext. citations	4.7 avg, IF	5.45 L-index

#	Paper	IF	Citations
84	Genetic characterisation of an Iflavivirus associated with a vomiting disease in the Indian Tropical tasar silkworm, <i>Antheraea mylitta</i> .. <i>Virus Research</i> , 2022 , 198703	6.4	
83	Cold case: The disappearance of Egypt bee virus, a fourth distinct master strain of deformed wing virus linked to honeybee mortality in 1970% Egypt.. <i>Virology Journal</i> , 2022 , 19, 12	6.1	2
82	Honey bees and climate explain viral prevalence in wild bee communities on a continental scale.. <i>Scientific Reports</i> , 2022 , 12, 1904	4.9	7
81	Global similarity, and some key differences, in the metagenomes of Swedish varroa-surviving and varroa-susceptible honeybees. <i>Scientific Reports</i> , 2021 , 11, 23214	4.9	0
80	Virus Diversity and Loads in Crickets Reared for Feed: Implications for Husbandry. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 642085	3.1	2
79	Using Citizen Science to Scout Honey Bee Colonies That Naturally Survive Infestations. <i>Insects</i> , 2021 , 12,	2.8	4
78	Managed bumble bees acquire parasites from their foraging environment: A case study on parasite spillback. <i>Journal of Invertebrate Pathology</i> , 2021 , 182, 107583	2.6	1
77	Adapted tolerance to virus infections in four geographically distinct Varroa destructor-resistant honeybee populations. <i>Scientific Reports</i> , 2021 , 11, 12359	4.9	4
76	Development and optimization of a TaqMan assay for Nosema bombycis, causative agent of pBrine disease in Bombyx mori silkworm, based on the Tubulin gene. <i>Journal of Microbiological Methods</i> , 2021 , 186, 106238	2.8	0
75	Holistic environmental risk assessment for bees. <i>Science</i> , 2021 , 371, 897	33.3	3
74	Virus Prospecting in Crickets-Discovery and Strain Divergence of a Novel Iflavivirus in Wild and Cultivated. <i>Viruses</i> , 2021 , 13,	6.2	9
73	The honeybee (<i>Apis mellifera</i>) developmental state shapes the genetic composition of the deformed wing virus-A quasispecies during serial transmission. <i>Scientific Reports</i> , 2020 , 10, 5956	4.9	10
72	Bee Viruses: Routes of Infection in Hymenoptera. <i>Frontiers in Microbiology</i> , 2020 , 11, 943	5.7	39
71	Varroa destructor: A Complex Parasite, Crippling Honey Bees Worldwide. <i>Trends in Parasitology</i> , 2020 , 36, 592-606	6.4	75
70	American foulbrood in a honeybee colony: spore-symptom relationship and feedbacks. <i>BMC Ecology</i> , 2020 , 20, 15	2.7	5
69	Diversity and Global Distribution of Viruses of the Western Honey Bee,. <i>Insects</i> , 2020 , 11,	2.8	63
68	Feeding Honeybee Colonies with Honeybee-Specific Lactic Acid Bacteria (Hbs-LAB) Does Not Affect Colony-Level Hbs-LAB Composition or Paenibacillus larvae Spore Levels, Although American Foulbrood Affected Colonies Harbor a More Diverse Hbs-LAB Community. <i>Microbial Ecology</i> , 2020 , 79, 743-755	4.4	10

67	Viral infections alter antennal epithelium ultrastructure in honey bees. <i>Journal of Invertebrate Pathology</i> , 2019 , 168, 107252	2.6	1
66	Disentangling host-parasite-pathogen interactions in a varroa-resistant honeybee population reveals virus tolerance as an independent, naturally adapted survival mechanism. <i>Scientific Reports</i> , 2019 , 9, 6221	4.9	24
65	Honeybee-Specific Lactic Acid Bacterium Supplements Have No Effect on American Foulbrood-Infected Honeybee Colonies. <i>Applied and Environmental Microbiology</i> , 2019 , 85,	4.8	18
64	The secretome of honey bee-specific lactic acid bacteria inhibits <i>Paenibacillus</i> larvae growth. <i>Journal of Apicultural Research</i> , 2019 , 58, 405-412	2	16
63	Clothianidin seed-treatment has no detectable negative impact on honeybee colonies and their pathogens. <i>Nature Communications</i> , 2019 , 10, 692	17.4	36
62	Substantial Heritable Variation in Recombination Rate on Multiple Scales in Honeybees and Bumblebees. <i>Genetics</i> , 2019 , 212, 1101-1119	4	6
61	ICTV Virus Taxonomy Profile: Polycipiviridae. <i>Journal of General Virology</i> , 2019 , 100, 554-555	4.9	6
60	ICTV Virus Taxonomy Profile: Solinviviridae. <i>Journal of General Virology</i> , 2019 , 100, 736-737	4.9	7
59	Diagnostic protocols for the detection of <i>Acheta domesticus</i> densovirus (AdDV) in cricket frass. <i>Journal of Virological Methods</i> , 2019 , 264, 61-64	2.6	8
58	Characterisation of the British honey bee metagenome. <i>Nature Communications</i> , 2018 , 9, 4995	17.4	22
57	Field-level clothianidin exposure affects bumblebees but generally not their pathogens. <i>Nature Communications</i> , 2018 , 9, 5446	17.4	26
56	Temporal changes in the viromes of Swedish Varroa-resistant and Varroa-susceptible honeybee populations. <i>PLoS ONE</i> , 2018 , 13, e0206938	3.7	17
55	Rapid parallel evolution overcomes global honey bee parasite. <i>Scientific Reports</i> , 2018 , 8, 7704	4.9	43
54	Distribution and variability of deformed wing virus of honeybees (<i>Apis mellifera</i>) in the Middle East and North Africa. <i>Insect Science</i> , 2017 , 24, 103-113	3.6	17
53	Cryo-EM study of slow bee paralysis virus at low pH reveals iflavirus genome release mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 598-603	11.5	12
52	Virion Structure of Black Queen Cell Virus, a Common Honeybee Pathogen. <i>Journal of Virology</i> , 2017 , 91,	6.6	19
51	Sample preservation, transport and processing strategies for honeybee RNA extraction: Influence on RNA yield, quality, target quantification and data normalization. <i>Journal of Virological Methods</i> , 2017 , 246, 81-89	2.6	17
50	Studies on the transmission and tissue distribution of <i>Antheraea pernyi</i> iflavirus in the Chinese oak silkworm <i>Antheraea pernyi</i> . <i>Virology</i> , 2017 , 502, 171-175	3.6	9

49	Characterization of a Novel RNA Virus Discovered in the Autumnal Moth <i>Epirrita autumnata</i> in Sweden. <i>Viruses</i> , 2017 , 9, 214	6.2	6
48	Persistence of subclinical deformed wing virus infections in honeybees following Varroa mite removal and a bee population turnover. <i>PLoS ONE</i> , 2017 , 12, e0180910	3.7	18
47	Specific Cues Associated With Honey Bee Social Defence against Varroa destructor Infested Brood. <i>Scientific Reports</i> , 2016 , 6, 25444	4.9	50
46	Virion Structure of Iflavirus Slow Bee Paralysis Virus at 2.6-Angstrom Resolution. <i>Journal of Virology</i> , 2016 , 90, 7444-7455	6.6	20
45	Virion Structure of Israeli Acute Bee Paralysis Virus. <i>Journal of Virology</i> , 2016 , 90, 8150-9	6.6	14
44	The Bee Microbiome: Impact on Bee Health and Model for Evolution and Ecology of Host-Microbe Interactions. <i>MBio</i> , 2016 , 7, e02164-15	7.8	145
43	Bees under stress: sublethal doses of a neonicotinoid pesticide and pathogens interact to elevate honey bee mortality across the life cycle. <i>Environmental Microbiology</i> , 2015 , 17, 969-83	5.2	221
42	Genome Characterization, Prevalence and Distribution of a Macula-Like Virus from <i>Apis mellifera</i> and <i>Varroa destructor</i> . <i>Viruses</i> , 2015 , 7, 3586-602	6.2	46
41	The <i>Apis mellifera</i> Filamentous Virus Genome. <i>Viruses</i> , 2015 , 7, 3798-815	6.2	50
40	Development and validation of a real-time two-step RT-qPCR TaqMan(®) assay for quantitation of Sacbrood virus (SBV) and its application to a field survey of symptomatic honey bee colonies. <i>Journal of Virological Methods</i> , 2014 , 197, 7-13	2.6	32
39	Effect of oral infection with Kashmir bee virus and Israeli acute paralysis virus on bumblebee (<i>Bombus terrestris</i>) reproductive success. <i>Journal of Invertebrate Pathology</i> , 2014 , 121, 64-9	2.6	49
38	Analysis of reference gene stability after Israeli acute paralysis virus infection in bumblebees <i>Bombus terrestris</i> . <i>Journal of Invertebrate Pathology</i> , 2014 , 115, 76-9	2.6	34
37	Sex-specific differences in pathogen susceptibility in honey bees (<i>Apis mellifera</i>). <i>PLoS ONE</i> , 2014 , 9, e85261	3.7	41
36	On the front line: quantitative virus dynamics in honeybee (<i>Apis mellifera</i> L.) colonies along a new expansion front of the parasite <i>Varroa destructor</i> . <i>PLoS Pathogens</i> , 2014 , 10, e1004323	7.6	147
35	Genetic characterization of a novel Iflavirus associated with vomiting disease in the Chinese oak silkworm <i>Antheraea pernyi</i> . <i>PLoS ONE</i> , 2014 , 9, e92107	3.7	16
34	Increased tolerance and resistance to virus infections: a possible factor in the survival of <i>Varroa destructor</i> -resistant honey bees (<i>Apis mellifera</i>). <i>PLoS ONE</i> , 2014 , 9, e99998	3.7	63
33	Standard methods for molecular research in <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2013 , 52, 1-54	2	113
32	Statistical guidelines for <i>Apis mellifera</i> research. <i>Journal of Apicultural Research</i> , 2013 , 52, 1-24	2	57

31	Standard methods for virus research in <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2013 , 52, 1-56	2	176
30	Deformed wing virus and drone mating flights in the honey bee (<i>Apis mellifera</i>): implications for sexual transmission of a major honey bee virus. <i>Apidologie</i> , 2012 , 43, 17-30	2.3	40
29	Varroa invasion and virus adaptation. <i>Trends in Parasitology</i> , 2012 , 28, 353-4	6.4	34
28	Adult honey bees (<i>Apis mellifera</i>) with deformed wings discovered in confirmed varroa-free colonies. <i>Journal of Apicultural Research</i> , 2012 , 51, 136-138	2	9
27	Acaricide Treatment Affects Viral Dynamics in Varroa destructor-Infested Honey Bee Colonies via both Host Physiology and Mite Control. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 2073-2073	4.8	4
26	Varroa destructor: research avenues towards sustainable control. <i>Journal of Apicultural Research</i> , 2012 , 51, 125-132	2	103
25	Acaricide treatment affects viral dynamics in Varroa destructor-infested honey bee colonies via both host physiology and mite control. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 227-35	4.8	112
24	Viruses In Bees. <i>Bee World</i> , 2012 , 89, 2-5	1	2
23	BeeDoctor, a versatile MLPA-based diagnostic tool for screening bee viruses. <i>PLoS ONE</i> , 2012 , 7, e47953	3.7	47
22	Viruses associated with ovarian degeneration in <i>Apis mellifera</i> L. queens. <i>PLoS ONE</i> , 2011 , 6, e16217	3.7	48
21	Genetic characterization of slow bee paralysis virus of the honeybee (<i>Apis mellifera</i> L.). <i>Journal of General Virology</i> , 2010 , 91, 2524-30	4.9	64
20	Deformed wing virus. <i>Journal of Invertebrate Pathology</i> , 2010 , 103 Suppl 1, S48-61	2.6	356
19	The Acute bee paralysis virus-Kashmir bee virus-Israeli acute paralysis virus complex. <i>Journal of Invertebrate Pathology</i> , 2010 , 103 Suppl 1, S30-47	2.6	216
18	Research strategies to improve honeybee health in Europe. <i>Apidologie</i> , 2010 , 41, 227-242	2.3	70
17	Deformed wing virus associated with <i>Tropilaelaps mercedesae</i> infesting European honey bees (<i>Apis mellifera</i>). <i>Experimental and Applied Acarology</i> , 2009 , 47, 87-97	2.1	74
16	Incidence and molecular characterization of viruses found in dying New Zealand honey bee (<i>Apis mellifera</i>) colonies infested with Varroa destructor. <i>Apidologie</i> , 2007 , 38, 354-367	2.3	53
15	Environment determines fidelity for an RNA virus replicase. <i>Journal of Virology</i> , 2007 , 81, 9072-7	6.6	48
14	Molecular and biological characterization of deformed wing virus of honeybees (<i>Apis mellifera</i> L.). <i>Journal of Virology</i> , 2006 , 80, 4998-5009	6.6	222

13	Localization of deformed wing virus infection in queen and drone <i>Apis mellifera</i> L. <i>Virology Journal</i> , 2006 , 3, 16	6.1	68
12	Detection of Deformed wing virus, a honey bee viral pathogen, in bumble bees (<i>Bombus terrestris</i> and <i>Bombus pascuorum</i>) with wing deformities. <i>Journal of Invertebrate Pathology</i> , 2006 , 91, 61-3	2.6	154
11	Phylogenetic placement of a novel tenuivirus from the grass <i>Urochloa plantaginea</i> . <i>Virus Genes</i> , 2001 , 22, 329-33	2.3	13
10	Comparison of Colombian and Costa Rican strains of rice hoja blanca tenuivirus. <i>Virus Genes</i> , 1997 , 15, 191-3	2.3	9
9	Sequence of echinochloa hoja blanca tenuivirus RNA-5. <i>Virus Genes</i> , 1996 , 12, 131-4	2.3	16
8	Sequence of Echinochloa hoja blanca tenuivirus RNA-4. <i>Virus Genes</i> , 1996 , 13, 61-4	2.3	9
7	Sequence of Echinochloa hoja blanca tenuivirus RNA-3. <i>Virus Genes</i> , 1996 , 13, 65-8	2.3	11
6	Sequence of rice hoja blanca tenuivirus RNA-2. <i>Virus Genes</i> , 1996 , 12, 231-7	2.3	17
5	Sequence of the PV2 gene of rice hoja blanca tenuivirus RNA-2. <i>Virus Genes</i> , 1995 , 10, 205-9	2.3	6
4	Genetic analysis of larval competition in <i>Drosophila melanogaster</i> . <i>Heredity</i> , 1988 , 61 (Pt 3), 339-46	3.6	4
3	Varroa destructor: A Complex Parasite, Crippling Honeybees Worldwide		6
2	Varroa destructor: A Complex Parasite, Crippling Honey bees Worldwide		2
1	Characterisation of the UK honey bee (<i>Apis mellifera</i>) metagenome		3