

# Rafael Francisco Rivera-Bustamante

## List of Publications by Year in descending order

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74  
papers

5,187  
citations

159525

30  
h-index

95218

68  
g-index

74  
all docs

74  
docs citations

74  
times ranked

3299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Superinfection by PHYVV Alters the Recovery Process in PepGMV-Infected Pepper Plants. <i>Viruses</i> , 2020, 12, 286.	1.5	4
2	Analysis of a new begomovirus unveils a composite element conserved in the CP gene promoters of several Geminiviridae genera: Clues to comprehend the complex regulation of late genes. <i>PLoS ONE</i> , 2019, 14, e0210485.	1.1	16
3	Hydrogen peroxide protects pepper ( <i>Capsicum annuum</i> L.) against pepper golden mosaic geminivirus (PepGMV) infections. <i>Physiological and Molecular Plant Pathology</i> , 2019, 106, 23-29.	1.3	25
4	Fatal attraction of non-vector impairs fitness of manipulating plant virus. <i>Journal of Ecology</i> , 2018, 106, 391-400.	1.9	7
5	Resistance to Pepper huasteco yellow vein virus and its heritability in wild genotypes of <i>Capsicum annuum</i> . <i>Botanical Sciences</i> , 2018, 96, 52-62.	0.3	9
6	Pospiviroid Infection of Tomato Regulates the Expression of Genes Involved in Flower and Fruit Development. <i>Viruses</i> , 2018, 10, 516.	1.5	22
7	World Management of Geminiviruses. <i>Annual Review of Phytopathology</i> , 2018, 56, 637-677.	3.5	247
8	El genoma del chile ( <i>Capsicum annuum</i> ). , 2018, , 41-51.		0
9	Capulavirus and Grablovirus: two new genera in the family Geminiviridae. <i>Archives of Virology</i> , 2017, 162, 1819-1831.	0.9	240
10	ICTV Virus Taxonomy Profile: Geminiviridae. <i>Journal of General Virology</i> , 2017, 98, 131-133.	1.3	676
11	Proteomic and metabolomic profiles in transgenic tobacco ( <i>N. tabacum xanthi</i> nc) to CchGLP from <i>Capsicum chinense</i> BC-3821 resistant to biotic and abiotic stresses. <i>Environmental and Experimental Botany</i> , 2016, 130, 33-41.	2.0	21
12	Colonization by Phloem-Feeding Herbivore Overrides Effects of Plant Virus on Amino Acid Composition in Phloem of Chili Plants. <i>Journal of Chemical Ecology</i> , 2016, 42, 985-988.	0.9	9
13	A comprehensive characterization of simple sequence repeats in pepper genomes provides valuable resources for marker development in <i>Capsicum</i> . <i>Scientific Reports</i> , 2016, 6, 18919.	1.6	60
14	Two Populations of Viral Minichromosomes Are Present in a Geminivirus-Infected Plant Showing Symptom Remission (Recovery). <i>Journal of Virology</i> , 2016, 90, 3828-3838.	1.5	37
15	Silencing of a Germin-Like Protein Gene (CchGLP) in Geminivirus-Resistant Pepper ( <i>Capsicum chinense</i> ) Tj ETQq1 1 0.784314 rgBT /Over PepGMV. <i>Viruses</i> , 2015, 7, 6141-6151.	1.5	23
16	Revision of Begomovirus taxonomy based on pairwise sequence comparisons. <i>Archives of Virology</i> , 2015, 160, 1593-1619.	0.9	664
17	In silico prediction and validation of potential gene targets for pospiviroid-derived small RNAs during tomato infection. <i>Gene</i> , 2015, 564, 197-205.	1.0	49
18	Whole-genome sequencing of cultivated and wild peppers provides insights into <i>Capsicum</i> domestication and specialization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5135-5140.	3.3	674

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19	A genome-wide pairwise-identity-based proposal for the classification of viruses in the genus Mastrevirus (family Geminiviridae). Archives of Virology, 2013, 158, 1411-1424.	0.9	216
20	Effects and Effectiveness of Two RNAi Constructs for Resistance to Pepper golden mosaic virus in Nicotiana benthamiana Plants. Viruses, 2013, 5, 2931-2945.	1.5	26
21	Benzothiadiazole (BTH) induces resistance to Pepper golden mosaic virus (PepGMV) in pepper (Capsicum) Tj ETQq1 1 0.784314 rgBT /Ove	1.5	29
22	First Report of <i>Fragaria chiloensis cryptic virus, Fragaria chiloensis latent virus, Strawberry mild yellow edge virus, Strawberry necrotic shock virus,</i> and <i>Strawberry pallidosis associated virus</i> in Single and Mixed Infections in Strawberry in Central Mexico. Plant Disease, 2013, 97, 1002-1002.	0.7	16
23	Complete genome and pathogenicity of Tomato yellow leaf distortion virus, a bipartite begomovirus infecting tomato in Cuba. European Journal of Plant Pathology, 2012, 134, 13-21.	0.8	6
24	Expression of a germin-like protein gene (CchGLP) from a geminivirus-resistant pepper (Capsicum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Molecular Plant Pathology, 2012, 78, 45-50.	1.3	37
25	Transcriptome analysis of symptomatic and recovered leaves of geminivirus-infected pepper (Capsicum) Tj ETQq1 1 0.784314 rgBT /Ove	1.4	67
26	The capsicum transcriptome DB: a "hot" tool for genomic research. Bioinformatics, 2012, 8, 43-47.	0.2	22
27	Characterization of <i>Geminivirus</i> Resistance in an Accession of <i>Capsicum chinense</i> Jacq.. Molecular Plant-Microbe Interactions, 2011, 24, 172-182.	1.4	44
28	Geminivirus mixed infection on pepper plants: Synergistic interaction between PHYVV and PepGMV. Virology Journal, 2011, 8, 104.	1.4	79
29	Characterization of Rhynchosia yellow mosaic Yucatan virus, a new recombinant begomovirus associated with two fabaceous weeds in Yucatan, Mexico. Archives of Virology, 2010, 155, 1571-1579.	0.9	14
30	First report of tobacco as a natural host of <i>Euphorbia mosaic virus</i> in Cuba. Plant Pathology, 2010, 59, 795-795.	1.2	9
31	Tomato yellow leaf distortion virus, a new bipartite begomovirus infecting tomato in Cuba. Plant Pathology, 2009, 58, 785-785.	1.2	0
32	Tobacco yellow crinkle virus, a new bipartite begomovirus infecting tobacco and pepper in Cuba. Plant Pathology, 2009, 58, 785-785.	1.2	18
33	Transgenes in Mexican maize: molecular evidence and methodological considerations for GMO detection in landrace populations. Molecular Ecology, 2009, 18, 750-761.	2.0	113
34	Resolution of the Mexican transgene detection controversy: error sources and scientific practice in commercial and ecological contexts. Molecular Ecology, 2009, 18, 4145-4150.	2.0	14
35	Sequence diversity on four ORFs of citrus tristeza virus correlates with pathogenicity. Virology Journal, 2009, 6, 116.	1.4	17
36	RNA Silencing against Geminivirus: Complementary Action of Posttranscriptional Gene Silencing and Transcriptional Gene Silencing in Host Recovery. Journal of Virology, 2009, 83, 1332-1340.	1.5	150

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37	The infective cycle of Cabbage leaf curl virus (CaLCuV) is affected by CRUMPLED LEAF (CRL) gene in <i>Arabidopsis thaliana</i> . <i>Virology Journal</i> , 2009, 6, 169.	1.4	7
38	Virus-induced silencing of Comt, pAmt and Kas genes results in a reduction of capsaicinoid accumulation in chili pepper fruits. <i>Planta</i> , 2008, 227, 681-695.	1.6	86
39	First Report of <i>Tomato chlorosis virus</i> Infecting Tomato in Single and Mixed Infections with <i>Tomato yellow leaf curl virus</i> in Cuba. <i>Plant Disease</i> , 2008, 92, 836-836.	0.7	19
40	Early and late gene expression in pepper huasteco yellow vein virus. <i>Journal of General Virology</i> , 2007, 88, 3145-3153.	1.3	11
41	Symptom Remission and Specific Resistance of Pepper Plants After Infection by Pepper golden mosaic virus. <i>Phytopathology</i> , 2007, 97, 51-59.	1.1	52
42	Use of geminiviral vectors for functional genomics. <i>Current Opinion in Plant Biology</i> , 2006, 9, 209-215.	3.5	57
43	A New Strain of Tomato chino La Paz virus Associated with a Leaf Curl Disease of Tomato in Baja California Sur, Mexico. <i>Plant Disease</i> , 2006, 90, 973-973.	0.7	6
44	Inducible gene expression by <i>Pepper huasteco virus</i> in <i>Capsicum chinense</i> plants with resistance to geminivirus infections. <i>Canadian Journal of Plant Pathology</i> , 2005, 27, 276-282.	0.8	9
45	A New Begomovirus Causes Tomato Leaf Curl Disease in Baja California Sur, Mexico. <i>Plant Disease</i> , 2005, 89, 341-341.	0.7	9
46	Identification of the minimal sequence required for vascular-specific activity of Tomato mottle Taino virus Replication-associated protein promoter in transgenic plants. <i>Virus Research</i> , 2004, 102, 125-132.	1.1	8
47	Pepper golden mosaic virus Affecting Tomato Crops in the Baja California Peninsula, Mexico. <i>Plant Disease</i> , 2004, 88, 221-221.	0.7	5
48	Tomato mottle Taino virus pseudorecombines with PYMV but not with ToMoV: Implications for the delimitation of cis - and trans -acting replication specificity determinants. <i>Archives of Virology</i> , 2003, 148, 1697-1712.	0.9	37
49	Interactions Between Geminiviruses in a Naturally Occurring Mixture: Pepper huasteco virus and Pepper golden mosaic virus. <i>Phytopathology</i> , 2003, 93, 270-277.	1.1	74
50	First Report of a Geminivirus Associated with Leaf Curl in Baja California Peninsula Tomato Fields. <i>Plant Disease</i> , 2003, 87, 1397-1397.	0.7	7
51	Resistance to Geminivirus Mixed Infections in Mexican Wild Peppers. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2003, 38, 251-255.	0.5	29
52	IDENTIFICACI3N DE RESISTENCIA CONTRA INFECCIONES SIMPLES Y MIXTAS POR EL VIRUS DEL MOSAICO DORADO DEL CHILE (PepGMV) Y EL VIRUS HUASTECO DEL CHILE EN PLANTAS DE CHILE HABANERO (Capsicum) Tj1E1TQq0 0 0 rgBT /Ove		
53	Plant Biotechnology in Mexico: Needs and Challenges. , 2003, , 605-610.		0
54	First Report of Rhynchosia golden mosaic virus (RhGMV) Infecting Tobacco in Chiapas, Mexico. <i>Plant Disease</i> , 2002, 86, 692-692.	0.7	20

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55	Title is missing!. Euphytica, 2001, 122, 31-36.	0.6	32
56	Characterization of Resistance to Pepper Huasteco Geminivirus in Chili Peppers from Yucatán, México. Hortscience: A Publication of the American Society for Horticultural Science, 2001, 36, 139-142.	0.5	19
57	Identification of a Sequence Element Involved in AC2-Mediated Transactivation of the Pepper Huasteco Virus Coat Protein Gene. Virology, 1999, 253, 162-169.	1.1	50
58	Molecular characterization of the RNA <sup>3</sup> of asparagus virus 2. Archives of Virology, 1999, 144, 185-192.	0.9	6
59	Complementation of Coat Protein Mutants of Pepper Huasteco Geminivirus in Transgenic Tobacco Plants. Phytopathology, 1999, 89, 540-545.	1.1	23
60	Requirement of the Movement Protein for Long Distance Spread of Tobacco Mosaic Virus in Grafted Plants. Molecular Plant-Microbe Interactions, 1997, 10, 691-699.	1.4	28
61	Plant Molecular Biology in Mexico. Plant Molecular Biology Reporter, 1997, 15, 407-415.	1.0	0
62	Taino Tomato Mottle Virus, a New Bipartite Geminivirus from Cuba. Plant Disease, 1997, 81, 1095-1095.	0.7	30
63	Transgenic Plants for Disease Control. , 1997, , 33-80.		1
64	Detection and Distribution of Geminiviruses in Mexico and the Southern United States. Phytopathology, 1996, 86, 1186.	1.1	91
65	The Amount of Movement Protein Produced in Transgenic Plants Influences the Establishment, Local Movement, and Systemic Spread of Infection by Movement Protein-Deficient Tobacco Mosaic Virus. Molecular Plant-Microbe Interactions, 1995, 8, 415.	1.4	50
66	Experimental and theoretical definition of geminivirus origin of replication. Plant Molecular Biology, 1994, 26, 553-556.	2.0	56
67	Geminivirus Replication Origins Have a Group-Specific Organization of Iterative Elements: A Model for Replication. Virology, 1994, 203, 90-100.	1.1	295
68	Inoculation of Peppers with Infectious Clones of a New Geminivirus by a Biolistic Procedure. Phytopathology, 1993, 83, 514.	1.1	71
69	Nucleotide sequence of an osmotin-like cDNA induced in tomato during viroid infection. Plant Molecular Biology, 1992, 20, 1199-1202.	2.0	31
70	Properties of a Viroid-replicating Complex Solubilized from Nuclei. Journal of General Virology, 1989, 70, 2707-2716.	1.3	16
71	Citrus Cachexia Viroid, a New Viroid of Citrus: Relationship to Viroids of the Exocortis Disease Complex. Journal of General Virology, 1988, 69, 3059-3068.	1.3	88
72	A Definition of Citrus Viroid Groups and Their Relationship to the Exocortis Disease. Journal of General Virology, 1988, 69, 3069-3080.	1.3	122

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73	Enhanced resolution of circular and linear molecular forms of viroid and viroid-like RNA by electrophoresis in a discontinuous-pH system. <i>Analytical Biochemistry</i> , 1986, 156, 91-95.	1.1	78
74	A comprehensive characterization of simple sequence repeats in pepper genomes provides valuable resources for marker development in <i>Capsicum</i> . , 0, .		1