Aranzazu Moreno

List of Publications by Year
in descending order

76 papers	2,448 citations	201674 27 h-index	223800 46 g-index
78 all docs	78 docs citations	78 times ranked	1844 citing authors

#	Article	IF	Citations
1	A novel molecular diagnostic method for the gut content analysis of Philaenus DNA. Scientific Reports, 2022, 12, 492.	3.3	2
2	Habitat manipulation for sustainable management of <i>Philaenus spumarius</i>, the main vector of <i>Xylella fastidiosa</i> in Europe. Pest Management Science, 2022, 78, 4183-4194.	3.4	7
3	Dispersal of <i>Neophilaenus campestris</i>, a vector of <i>Xylella fastidiosa</i>, from olive groves to overâ€summering hosts. Journal of Applied Entomology, 2021, 145, 648-659.	1.8	16
4	The role of plant labile carbohydrates and nitrogen on wheat-aphid relationsÂ. Scientific Reports, 2021, 11, 12529.	3.3	6
5	Host plant preference of Trioza erytreae on lemon and bitter orange plants. Arthropod-Plant Interactions, 2021, 15, 887-896.	1.1	4
6	Parapause breakage as a key step for the continuous indoor rearing of <i>Philaenus spumarius</i>. Journal of Applied Entomology, 2021, 145, 1062-1067.	1.8	7
7	Psyllids as major vectors of plant pathogens. Entomologia Generalis, 2021, 41, 419-438.	3.1	12
8	Flight performance and the factors affecting the flight behaviour of Philaenus spumarius the main vector of Xylella fastidiosa in Europe. Scientific Reports, 2021, 11, 17608.	3.3	15
9	Semipersistently Transmitted, Phloem Limited Plant Viruses Are Inoculated during the First Subphase of Intracellular Stylet Penetrations in Phloem Cells. Viruses, 2021, 13, 137.	3.3	5
10	Feeding behavior, life history, and virus transmission ability of <i>Bemisia tabaci</i> Mediterranean species (Hemiptera: Aleyrodidae) under elevated CO₂. Insect Science, 2020, 27, 558-570.	3.0	16
11	Assessing the Impact on Virus Transmission and Insect Vector Behavior of a Viral Mixed Infection in Melon. Phytopathology, 2020, 110, 174-186.	2.2	22
12	<i>Barley</i> <i>yellow dwarf virus</i> Can Be Inoculated During Brief Intracellular Punctures in Phloem Cells Before the Sieve Element Continuous Salivation Phase. Phytopathology, 2020, 110, 85-93.	2.2	13
13	The phloem-pd: a distinctive brief sieve element stylet puncture prior to sieve element phase of aphid feeding behavior. Arthropod-Plant Interactions, 2020, 14, 67-78.	1.1	18
14	Aphids Are Unable to Ingest Phloem Sap from the Peduncles of Lime Fruits. Plants, 2020, 9, 1528.	3.5	1
15	Feeding Behavior and Virus-transmission Ability of Insect Vectors Exposed to Systemic Insecticides. Plants, 2020, 9, 895.	3.5	32
16	â€˜Candidatus Liberibacter Solanacearumâ€™ Is Unlikely to Be Transmitted Spontaneously from Infected Carrot Plants to Citrus Plants by Trioza Erytreae. Insects, 2020, 11, 514.	2.2	3
17	Transmission of Phloem-Limited Viruses to the Host Plants by Their Aphid Vectors. Progress in Botany Fortschritte Der Botanik, 2020, , 357-382.	0.3	0
18	Aphid Resistance: An Overlooked Ecological Dimension of Nonstructural Carbohydrates in Cereals. Frontiers in Plant Science, 2020, 11, 937.	3.6	13

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19	Feeding behavior in relation to spittlebug transmission of Xylella fastidiosa. Journal of Pest Science, 2020, 93, 1197-1213.	3.7	18
20	Sulfoxaflor and Natural Pyrethrin with Piperonyl Butoxide Are Effective Alternatives to Neonicotinoids against Juveniles of Philaenus spumarius, the European Vector of Xylella fastidiosa. Insects, 2019, 10, 225.	2.2	23
21	Seasonal Abundance of Psyllid Species on Carrots and Potato Crops in Spain. Insects, 2019, 10, 287.	2.2	16
22	Artificial diet delivery system for <i>Philaenus spumarius</i>, the European vector of <i>Xylella fastidiosa</i>. Journal of Applied Entomology, 2019, 143, 882-892.	1.8	4
23	Supplementary UV radiation on eggplants indirectly deters Bemisia tabaci settlement without altering the predatory orientation of their biological control agents Nesidiocoris tenuis and Sphaerophoria rueppellii. Journal of Pest Science, 2019, 92, 1057-1070.	3.7	12
24	Changes in feeding behaviour are not related to the reduction in the transmission rate of plant viruses by Aphis gossypii (Homoptera: Aphididae) to melon plants colonized by Beauveria bassiana (Ascomycota: Hypocreales). Biological Control, 2019, 130, 95-103.	3.0	18
25	Effect of Potato virus Y Presence in Solanum tuberosum (Solanales: Solanaceae) and Chenopodium album on Aphid (Hemiptera: Aphididae) Behavior. Environmental Entomology, 2018, 47, 654-659.	1.4	5
26	Distribution and Relative Abundance of Insect Vectors of Xylella fastidiosa in Olive Groves of the Iberian Peninsula. Insects, 2018, 9, 175.	2.2	76
27	Identification of Plant Virus Receptor Candidates in the Stylets of Their Aphid Vectors. Journal of Virology, 2018, 92, .	3.4	53
28	Continuous indoor rearing of <i>Philaenus spumarius</i>, the main European vector of <i>Xylella fastidiosa</i>. Journal of Applied Entomology, 2018, 142, 901-904.	1.8	19
29	EPG combined with micro-CT and video recording reveals new insights on the feeding behavior of Philaenus spumarius. PLoS ONE, 2018, 13, e0199154.	2.5	26
30	Newly Distinguished Cell Punctures Associated with Transmission of the Semipersistent Phloem-Limited Beet Yellows Virus. Journal of Virology, 2018, 92, .	3.4	20
31	Transmission of â€˜Candidatus Liberibacter solanacearumâ€™ by Bactericera trigonica Hodkinson to vegetable hosts. Spanish Journal of Agricultural Research, 2018, 15, e1011.	0.6	8
32	Characterization of the electrical penetration graphs of the psyllid <i><scp>B</scp>actericera trigonica</i> on carrots. Entomologia Experimentalis Et Applicata, 2017, 163, 127-139.	1.4	18
33	Aphid orientation and performance in glasshouses under different UVâ€A/UVâ€B radiation regimes. Entomologia Experimentalis Et Applicata, 2017, 163, 344-353.	1.4	9
34	Risk assessment of â€˜Candidatus Liberibacter solanacearumâ€™ transmission by the psyllids Bactericera trigonica and B. tremblayi from Apiaceae crops to potato. Scientific Reports, 2017, 7, 45534.	3.3	48
35	Sex-specific probing behaviour of the carrot psyllid Bactericera trigonica and its implication in the transmission of â€˜Candidatus Liberibacter solanacearumâ€™. European Journal of Plant Pathology, 2017, 147, 627-637.	1.7	14
36	Stylet penetration activities of the whitefly Bemisia tabaci associated with inoculation of the crinivirus Tomato chlorosis virus. Journal of General Virology, 2017, 98, 1515-1520.	2.9	28

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37	Fasting alters aphid probing behaviour but does not universally increase the transmission rate of non-circulative viruses. Journal of General Virology, 2017, 98, 3111-3121.	2.9	4
38	<i>Cucurbit aphid-borne yellows virus</i>(CABYV) modifies the alighting, settling and probing behaviour of its vector<i>Aphis gossypii</i>favouring its own spread. Annals of Applied Biology, 2016, 169, 284-297.	2.5	51
39	Spatial and temporal spread of <i>Citrus tristeza virus</i> and its aphid vectors in the North western area of Morocco. Insect Science, 2016, 23, 903-912.	3.0	8
40	Elevated CO2 impacts bell pepper growth with consequences to Myzus persicae life history, feeding behaviour and virus transmission ability. Scientific Reports, 2016, 6, 19120.	3.3	68
41	Candidate insect vectors of apple proliferation in Northwest Spain. SpringerPlus, 2016, 5, 1240.	1.2	5
42	Electrical penetration graph technique as a tool to monitor the early stages of aphid resistance to insecticides. Pest Management Science, 2016, 72, 707-718.	3.4	38
43	Control of insect vectors and plant viruses in protected crops by novel pyrethroid-treated nets. Pest Management Science, 2015, 71, 1397-1406.	3.4	34
44	Flight behaviour of vegetable pests and their natural enemies under different ultravioletâ€blocking enclosures. Annals of Applied Biology, 2015, 167, 116-126.	2.5	9
45	Effect of UV-Blocking Plastic Films on Take-Off and Host Plant Finding Ability of Diaphorina citri (Hemiptera: Liviidae). Journal of Economic Entomology, 2015, 108, 245-251.	1.8	21
46	The Relationship between Host Lifespan and Pathogen Reservoir Potential: An Analysis in the System Arabidopsis thaliana-Cucumber mosaic virus. PLoS Pathogens, 2014, 10, e1004492.	4.7	45
47	The occurrence and abundance of two alien eucalypt psyllids in apple orchards. Pest Management Science, 2014, 70, 1676-1683.	3.4	6
48	Stylet penetration activities linked to the acquisition and inoculation of <i><scp>C</scp>andidatus </i><scp>L</scp>iberibacter solanacearum by its vector tomato potato psyllid. Entomologia Experimentalis Et Applicata, 2014, 151, 170-181.	1.4	44
49	A non-persistently transmitted-virus induces a pullâ€“push strategy in its aphid vector to optimize transmission and spread. Virus Research, 2014, 186, 38-46.	2.2	108
50	Tomato Yellow Leaf Curl Virus Benefits Population Growth of the Q Biotype of Bemisia tabaci (Gennadius) (Hemiptera: Aleyrodidae). Neotropical Entomology, 2014, 43, 385-392.	1.2	35
51	Impact of UV-A radiation on the performance of aphids and whiteflies and on the leaf chemistry of their host plants. Journal of Photochemistry and Photobiology B: Biology, 2014, 138, 307-316.	3.8	36
52	INSECTICIDE-TREATED NETS AS A NEW APPROACH TO CONTROL VEGETABLE PESTS IN PROTECTED CROPS. Acta Horticulturae, 2014, , 103-111.	0.2	6
53	Genetic Diversity and Potential Vectors and Reservoirs of <i>Cucurbit aphid-borne yellows virus</i> in Southeastern Spain. Phytopathology, 2013, 103, 1188-1197.	2.2	38
54	A Plant Virus Manipulates the Behavior of Its Whitefly Vector to Enhance Its Transmission Efficiency and Spread. PLoS ONE, 2013, 8, e61543.	2.5	185

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55	A virus responds instantly to the presence of the vector on the host and forms transmission morphs. ELife, 2013, 2, e00183.	6.0	81
56	Spatio-Temporal Dynamics of Viruses are Differentially Affected by Parasitoids Depending on the Mode of Transmission. Viruses, 2012, 4, 3069-3089.	3.3	38
57	Differences in the mechanism of inoculation between a semi-persistent and a non-persistent aphid-transmitted plant virus. Journal of General Virology, 2012, 93, 662-667.	2.9	63
58	Epidemiology of Citrus tristeza virus in nursery blocks of Citrus macrophylla and evaluation of control measures. Spanish Journal of Agricultural Research, 2012, 10, 1107.	0.6	2
59	Calculation of Diagnostic Parameters of Advanced Serological and Molecular Tissue-Print Methods for Detection of <i>Citrus tristeza virus</i>: A Model for Other Plant Pathogens. Phytopathology, 2012, 102, 114-121.	2.2	28
60	Virus Diseases in Lettuce in the Mediterranean Basin. Advances in Virus Research, 2012, 84, 247-288.	2.1	23
61	Estimation of the accuracy of two diagnostic methods for the detection of <i>Plum pox virus</i> in nursery blocks by latent class models. Plant Pathology, 2012, 61, 413-422.	2.4	14
62	Aphids secrete watery saliva into plant tissues from the onset of stylet penetration. Entomologia Experimentalis Et Applicata, 2011, 139, 145-153.	1.4	61
63	Susceptibility of <i>Prunus</i> rootstocks to natural infection of <i>Plum pox virus</i> and effect of mineral oil treatments. Annals of Applied Biology, 2010, 157, 447-457.	2.5	9
64	Quantitative estimation of plum pox virus targets acquired and transmitted by a single Myzus persicae. Archives of Virology, 2009, 154, 1391-1399.	2.1	30
65	Behavioural aspects influencing plant virus transmission by homopteran insects. Virus Research, 2009, 141, 158-168.	2.2	357
66	Quantitative detection of Citrus tristeza virus in plant tissues and single aphids by real-time RT-PCR. European Journal of Plant Pathology, 2008, 120, 177-188.	1.7	81
67	Temporal and spatial spread of Lettuce mosaic virus in lettuce crops in central Spain: factors involved in Lettuce mosaic virus epidemics. Annals of Applied Biology, 2007, 150, 351-360.	2.5	15
68	Estimation of vector propensity for Lettuce mosaic virus based on viral detection in single aphids. Spanish Journal of Agricultural Research, 2007, 5, 376.	0.6	16
69	Impact of Ultraviolet-blocking Plastic Films on Insect Vectors of Virus Diseases Infesting Crisp Lettuce. Hortscience: A Publication of the American Society for Hortcultural Science, 2006, 41, 711-716.	1.0	47
70	Intracellular Salivation Is the Mechanism Involved in the Inoculation of Cauliflower Mosaic Virus by Its Major Vectors <I>Brevicoryne brassicae</I> and <I>Myzus persicae</I>. Annals of the Entomological Society of America, 2005, 98, 763-769.	2.5	28
71	A Single Amino Acid Position in the Helper Component of Cauliflower Mosaic Virus Can Change the Spectrum of Transmitting Vector Species. Journal of Virology, 2005, 79, 13587-13593.	3.4	29
72	The incidence and distribution of viruses infecting lettuce, cultivated Brassica and associated natural vegetation in Spain. Annals of Applied Biology, 2004, 144, 339-346.	2.5	38

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73	Activity of aphids associated with lettuce and broccoli in Spain and their efficiency as vectors of Lettuce mosaic virus. Virus Research, 2004, 100, 83-88.	2.2	50
74	Biological and molecular characterization of P101 isolate, a tobamoviral pepper strain from Bulgaria. Archives of Virology, 2003, 148, 2115-2135.	2.1	9
75	Cauliflower mosaic virus is preferentially acquired from the phloem by its aphid vectors. Journal of General Virology, 2002, 83, 3163-3171.	2.9	77
76	Probing behavior of Neophilaenus campestris on various plant species. Entomologia Experimentalis Et Applicata, 0, , .	1.4	1