Murad Ghanim

List of Publications by Year
in descending order

86	6,844	53794 45	62596 80
papers	citations	h-index	g-index

91	91	91	3955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Whitefly endosymbionts: IPM opportunity or tilting at windmills?. Journal of Pest Science, 2022, 95, 543-566.	3.7	11
2	Interactions of Liberibacter Species with Their Psyllid Vectors: Molecular, Biological and Behavioural Mechanisms. International Journal of Molecular Sciences, 2022, 23, 4029.	4.1	7
3	Replication and transovarial transmission of tomato yellow leaf curl virus in its whitefly vector: myth or reality?. , 2022, , 239-251.		0
4	Interaction of Liberibacter Solanacearum with Host Psyllid Vitellogenin and Its Association with Autophagy. Microbiology Spectrum, 2022, 10, .	3.0	7
5	The Actin Cytoskeleton Mediates Transmission of â€œ Candidatus Liberibacter solanacearumâ€•by the Carrot Psyllid. Applied and Environmental Microbiology, 2021, 87, .	3.1	10
6	Factors controlling the fate of tomato yellow leaf curl virus (TYLCV) in its vector, the whitefly vector Bemisia tabaci. , 2021, , 231-266.		0
7	Intraspecies variation of Metarhizium brunneum against the green peach aphid, <scp>Myzus persicae</scp>, provides insight into the complexity of disease progression. Pest Management Science, 2021, 77, 2557-2567.	3.4	12
8	Detection of Bemisia tabaci Mediterranean cryptic species on soybean in SÃ£o Paulo and ParanÃ¡ States (Brazil) and interaction of cowpea mild mottle virus with whiteflies. Plant Pathology, 2021, 70, 1508-1520.	2.4	9
9	Transmission parameters of pepper whitefly-borne vein yellows virus (PeWBVYV) by Bemisia tabaci and identification of an insect protein with a putative role in polerovirus transmission. Virology, 2021, 560, 54-65.	2.4	7
10	Factors Determining Transmission of Persistent Viruses by Bemisia tabaci and Emergence of New Virusâ€“Vector Relationships. Viruses, 2021, 13, 1808.	3.3	24
11	A De Novo Transcriptomics Approach Reveals Genes Involved in Thrips Tabaci Resistance to Spinosad. Insects, 2021, 12, 67.	2.2	7
12	A proteomic approach reveals possible molecular mechanisms and roles for endosymbiotic bacteria in begomovirus transmission by whiteflies. GigaScience, 2020, 9, .	6.4	10
13	Population Dynamics of Whiteflies and Associated Viruses in South America: Research Progress and Perspectives. Insects, 2020, 11, 847.	2.2	20
14	Activity of Ajuga iva Extracts Against the African Cotton Leafworm Spodoptera littoralis. Insects, 2020, 11, 726.	2.2	6
15	Apoptosis in a Whitefly Vector Activated by a Begomovirus Enhances Viral Transmission. MSystems, 2020, 5, .	3.8	19
16	Unravelling the Pathogenesis and Molecular Interactions of Liberibacter Phytopathogens with Their Psyllid Vectors. Agronomy, 2020, 10, 1132.	3.0	9
17	Competitive Interactions Between Whitefly and Aphid Transmitted Poleroviruses within the Plant Host and the Insect Vectors. Phytopathology, 2020, 111, 1042-1050.	2.2	6
18	An Intranuclear Sodalis-Like Symbiont and Spiroplasma Coinfect the Carrot Psyllid, Bactericera trigonica (Hemiptera, Psylloidea). Microorganisms, 2020, 8, 692.	3.6	19

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19	Insecticide resistance and its management in Bemisia tabaci species. Journal of Pest Science, 2020, 93, 893-910.	3.7	166
20	A Transcriptomics Approach Reveals Putative Interaction of Candidatus Liberibacter Solanacearum with the Endoplasmic Reticulum of Its Psyllid Vector. Insects, 2019, 10, 279.	2.2	18
21	Phytoecdysteroid and Clerodane Content in Three Wild Ajuga Species in Israel. ACS Omega, 2019, 4, 2369-2376.	3.5	9
22	Transmission of a New Polerovirus Infecting Pepper by the Whitefly Bemisia tabaci. Journal of Virology, 2019, 93, .	3.4	54
23	Plant-Mediated Silencing of the Whitefly Bemisia tabaci Cyclophilin B and Heat Shock Protein 70 Impairs Insect Development and Virus Transmission. Frontiers in Physiology, 2019, 10, 557.	2.8	54
24	Global genetic diversity and geographical distribution of Bemisia tabaci and its bacterial endosymbionts. PLoS ONE, 2019, 14, e0213946.	2.5	131
25	Combined infection with Tomato yellow leaf curl virus and Rickettsia influences fecundity, attraction to infected plants and expression of immunity-related genes in the whitefly Bemisia tabaci. Journal of General Virology, 2019, 100, 721-731.	2.9	17
26	Complete Genome Sequence of a Putative Densovirus Infecting the Carrot Psyllid Bactericera trigonica. Microbiology Resource Announcements, 2019, 8, .	0.6	2
27	Fitness costs associated with infections of secondary endosymbionts in the cassava whitefly species Bemisia tabaci. Journal of Pest Science, 2018, 91, 17-28.	3.7	34
28	Distribution and phylogenetics of whiteflies and their endosymbiont relationships after the Mediterranean species invasion in Brazil. Scientific Reports, 2018, 8, 14589.	3.3	64
29	Genome sequencing of the sweetpotato whitefly Bemisia tabaci MED/Q. GigaScience, 2017, 6, 1-7.	6.4	90
30	New invasion of Bemisia tabaci Mediterranean species in Brazil associated to ornamental plants. Phytoparasitica, 2017, 45, 517-525.	1.2	25
31	â€˜Candidatus Liberibacter asiaticusâ€™ Accumulates inside Endoplasmic Reticulum Associated Vacuoles in the Gut Cells of Diaphorina citri. Scientific Reports, 2017, 7, 16945.	3.3	52
32	The Incredible Journey of Begomoviruses in Their Whitefly Vector. Viruses, 2017, 9, 273.	3.3	133
33	Diversity and Phylogenetic Analyses of Bacterial Symbionts in Three Whitefly Species from Southeast Europe. Insects, 2017, 8, 113.	2.2	16
34	The Whitefly Bemisia tabaci Knottin-1 Gene Is Implicated in Regulating the Quantity of Tomato Yellow Leaf Curl Virus Ingested and Transmitted by the Insect. Viruses, 2016, 8, 205.	3.3	35
35	RNA Interference in Insect Vectors for Plant Viruses. Viruses, 2016, 8, 329.	3.3	40
36	Implication of the Whitefly Bemisia tabaci Cyclophilin B Protein in the Transmission of Tomato yellow leaf curl virus. Frontiers in Plant Science, 2016, 7, 1702.	3.6	53

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37	Sequencing and comparison of the Rickettsia genomes from the whitefly Bemisia tabaci Middle East Asia Minor I. Insect Science, 2016, 23, 531-542.	3.0	22
38	The draft genome of whitefly Bemisia tabaci MEAM1, a global crop pest, provides novel insights into virus transmission, host adaptation, and insecticide resistance. BMC Biology, 2016, 14, 110.	3.8	265
39	Morphological abnormalities and cell death in the Asian citrus psyllid (Diaphorina citri) midgut associated with Candidatus Liberibacter asiaticus. Scientific Reports, 2016, 6, 33418.	3.3	76
40	Interactions Between the Whitefly Bemisia tabaci and Begomoviruses: Biological and Genomic Perspectives. , 2016, , 181-200.		5
41	Tomato yellow leaf curl virus confronts host degradation by sheltering in small/midsized protein aggregates. Virus Research, 2016, 213, 304-313.	2.2	31
42	Wolbachia Has Two Different Localization Patterns in Whitefly Bemisia tabaci AsiaII7 Species. PLoS ONE, 2016, 11, e0162558.	2.5	14
43	Replication of Tomato Yellow Leaf Curl Virus in Its Whitefly Vector, Bemisia tabaci. Journal of Virology, 2015, 89, 9791-9803.	3.4	89
44	Is there a role for symbiotic bacteria in plant virus transmission by insects?. Current Opinion in Insect Science, 2015, 8, 69-78.	4.4	33
45	Persistent, circulative transmission of begomoviruses by whitefly vectors. Current Opinion in Virology, 2015, 15, 1-8.	5.4	133
46	First report of Bemisia tabaci Mediterranean (Q biotype) species in Brazil. Pest Management Science, 2015, 71, 501-504.	3.4	72
47	Diversity and Localization of Bacterial Endosymbionts from Whitefly Species Collected in Brazil. PLoS ONE, 2014, 9, e108363.	2.5	71
48	Fluorescence in situ Hybridizations (FISH) for the Localization of Viruses and Endosymbiotic Bacteria in Plant and Insect Tissues. Journal of Visualized Experiments, 2014, , e51030.	0.3	21
49	A review of the mechanisms and components that determine the transmission efficiency of Tomato yellow leaf curl virus (Geminiviridae; Begomovirus) by its whitefly vector. Virus Research, 2014, 186, 47-54.	2.2	96
50	Degradation mechanisms of the Tomato yellow leaf curl virus coat protein following inoculation of tomato plants by the whitefly Bemisia tabaci. Pest Management Science, 2014, 70, 1632-1639.	3.4	24
51	Circulative, â€œNonpropagativeâ€•Virus Transmission. Advances in Virus Research, 2014, 89, 141-199.	2.1	132
52	Implication of the Bacterial Endosymbiont Rickettsia spp. in Interactions of the Whitefly Bemisia tabaci with Tomato yellow leaf curl virus. Journal of Virology, 2014, 88, 5652-5660.	3.4	109
53	Specific Cells in the Primary Salivary Glands of the Whitefly Bemisia tabaci Control Retention and Transmission of Begomoviruses. Journal of Virology, 2014, 88, 13460-13468.	3.4	85
54	Evidence for Gene Flow between Two Sympatric Mealybug Species (Insecta; Coccoidea;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (Ps	2.5	18

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55	Location of Symbionts in the Whitefly Bemisia tabaci Affects Their Densities during Host Development and Environmental Stress. PLoS ONE, 2014, 9, e91802.	2.5	26
56	Silencing the ecdysone synthesis and signaling pathway genes disrupts nymphal development in the whitefly. Insect Biochemistry and Molecular Biology, 2013, 43, 740-746.	2.7	93
57	Highâ€level of resistance to spinosad, emamectin benzoate and carbosulfan in populations of Thrips tabaci collected in Israel. Pest Management Science, 2013, 69, 274-277.	3.4	40
58	The Role of Bacterial Chaperones in the Circulative Transmission of Plant Viruses by Insect Vectors. Viruses, 2013, 5, 1516-1535.	3.3	34
59	Genome Sequences of the Primary Endosymbiont â€œCandidatus Portiera aleyrodidarumâ€•in the Whitefly Bemisia tabaci B and Q Biotypes. Journal of Bacteriology, 2012, 194, 6678-6679.	2.2	29
60	Transovarial Transmission of Rickettsia spp. and Organ-Specific Infection of the Whitefly Bemisia tabaci. Applied and Environmental Microbiology, 2012, 78, 5565-5574.	3.1	64
61	Implication of Bemisia tabaci Heat Shock Protein 70 in Begomovirus-Whitefly Interactions. Journal of Virology, 2012, 86, 13241-13252.	3.4	120
62	Fitness costs associated with insecticide resistance. Pest Management Science, 2012, 68, 1431-1437.	3.4	389
63	Back to Basics: Are Begomoviruses Whitefly Pathogens?. Journal of Integrative Agriculture, 2012, 11, 225-234.	3.5	48
64	Rickettsia influences thermotolerance in the whitefly Bemisia tabaci B biotype. Insect Science, 2011, 18, 57-66.	3.0	230
65	Biological activity of natural phytoecdysteroids from Ajuga iva against the sweetpotato whitefly Bemisia tabaci and the persea mite Oligonychus perseae. Pest Management Science, 2011, 67, 1493-1498.	3.4	22
66	Bemisia tabaci â€“ Tomato Yellow Leaf Curl Virus Interaction Causing Worldwide Epidemics. , 2011, , 51-67.		16
67	Co-infection and localization of secondary symbionts in two whitefly species. BMC Microbiology, 2010, 10, 142.	3.3	149
68	Endosymbiont metacommunities, mtDNA diversity and the evolution of the Bemisia tabaci (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10	3.9	217
69	The Transmission Efficiency of Tomato Yellow Leaf Curl Virus by the Whitefly Bemisia tabaci Is Correlated with the Presence of a Specific Symbiotic Bacterium Species. Journal of Virology, 2010, 84, 9310-9317.	3.4	277
70	Immunity and other defenses in pea aphids, Acyrthosiphon pisum. Genome Biology, 2010, 11, R21.	9.6	389
71	A simple, rapid and inexpensive method for localization of Tomato yellow leaf curl virus and Potato leafroll virus in plant and insect vectors. Journal of Virological Methods, 2009, 159, 311-314.	2.1	63
72	Susceptibility to insecticides in the Q biotype of Bemisia tabaci is correlated with bacterial symbiont densities. Pest Management Science, 2009, 65, 939-942.	3.4	108

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73	Thermotolerance and gene expression following heat stress in the whitefly Bemisia tabaci B and Q biotypes. Insect Biochemistry and Molecular Biology, 2009, 39, 668-676.	2.7	110
74	The presence of Rickettsia is associated with increased susceptibility of Bemisia tabaci (Homoptera: Aleyrodidae) to insecticides. Pest Management Science, 2008, 64, 789-792.	3.4	175
75	Parasitization by the wasp Eretmocerus mundus induces transcription of genes related to immune response and symbiotic bacteria proliferation in the whitefly Bemisia tabaci. BMC Genomics, 2008, 9, 342.	2.8	90
76	Inherited intracellular ecosystem: symbiotic bacteria share bacteriocytes in whiteflies. FASEB Journal, 2008, 22, 2591-2599.	0.5	229
77	Tissue-specific gene silencing by RNA interference in the whitefly Bemisia tabaci (Gennadius). Insect Biochemistry and Molecular Biology, 2007, 37, 732-738.	2.7	118
78	Whitefly (Bemisia tabaci) genome project: analysis of sequenced clones from egg, instar, and adult (viruliferous and non-viruliferous) cDNA libraries. BMC Genomics, 2006, 7, 79.	2.8	79
79	Identification and Localization of a Rickettsia sp. in Bemisia tabaci (Homoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.1	273
80	The circulative pathway of begomoviruses in the whitefly vector Bemisia tabaci - insights from studies with Tomato yellow leaf curl virus. Annals of Applied Biology, 2002, 140, 215-231.	2.5	178
81	Rate of Tomato yellow leaf curl virus Translocation in the Circulative Transmission Pathway of its Vector, the Whitefly Bemisia tabaci. Phytopathology, 2001, 91, 188-196.	2.2	139
82	Digestive, salivary, and reproductive organs ofBemisia tabaci (Gennadius) (Hemiptera: Aleyrodidae) B type. Journal of Morphology, 2001, 248, 22-40.	1.2	80
83	Whiteflies: Vectors, and victims (?), of geminiviruses. Advances in Virus Research, 2001, 57, 291-322.	2.1	98
84	The GroEL Protein of the Whitefly Bemisia tabaci Interacts with the Coat Protein of Transmissible and Nontransmissible Begomoviruses in the Yeast Two-Hybrid System. Virology, 2000, 276, 404-416.	2.4	133
85	A GroEL Homologue from Endosymbiotic Bacteria of the WhiteflyBemisia tabacIs Implicated in the Circulative Transmission of Tomato Yellow Leaf Curl Virus. Virology, 1999, 256, 75-84.	2.4	191
86	Evidence for Transovarial Transmission of Tomato Yellow Leaf Curl Virus by Its Vector, the WhiteflyBemisia tabaci. Virology, 1998, 240, 295-303.	2.4	164