

Exogenous jasmonates simulate insect wounding in ton

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Title is missing!. Journal of Chemical Ecology, 1998, 24, 945-963.	0.9	125
2	Elicitors of Plant Defensive Systems Reduce Insect Densities and Disease Incidence. Journal of Chemical Ecology, 1998, 24, 135-149.	0.9	105
3	Stimulation and attenuation of induced resistance by elicitors and inhibitors of chemical induction in tomato (<i>Lycopersicon esculentum</i>) foliage. Entomologia Experimentalis Et Applicata, 1998, 86, 267-279.	0.7	67
4	Impact of Biotechnology on Pesticide Delivery. , 1999, , 73-99.		1
5	Induced Resistance in Agricultural Crops: Effects of Jasmonic Acid on Herbivory and Yield in Tomato Plants. Environmental Entomology, 1999, 28, 30-37.	0.7	154
6	Jasmonic acid induces the production of gerbera volatiles that attract the biological control agent <i>Phytoseiulus persimilis</i> . Entomologia Experimentalis Et Applicata, 1999, 93, 77-86.	0.7	71
7	Jasmonate-inducible plant defences cause increased parasitism of herbivores. Nature, 1999, 399, 686-688.	13.7	494
8	Title is missing!. Journal of Chemical Ecology, 1999, 25, 1597-1609.	0.9	258
9	Title is missing!. Journal of Chemical Ecology, 1999, 25, 271-281.	0.9	82
10	Insect-Induced Synthesis of Phytoecdysteroids in Spinach, <i>Spinacia oleracea</i> . Journal of Chemical Ecology, 1999, 25, 1739-1757.	0.9	58
11	Effects of elicitation treatment and genotypic variation on induced resistance in <i>Populus</i> : impacts on gypsy moth (Lepidoptera: Lymantriidae) development and feeding behavior. Oecologia, 1999, 120, 295-303.	0.9	79
12	The eco-physiological complexity of plant responses to insect herbivores. Planta, 1999, 208, 137-145.	1.6	239
13	INDUCED RESPONSES TO HERBIVORY IN WILD RADISH: EFFECTS ON SEVERAL HERBIVORES AND PLANT FITNESS. Ecology, 1999, 80, 1713-1723.	1.5	302
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16	Signal interactions in pathogen and insect attack: expression of lipoxygenase, proteinase inhibitor II, and pathogenesis-related protein P4 in the tomato, <i>Lycopersicon esculentum</i> . Physiological and Molecular Plant Pathology, 1999, 54, 97-114.	1.3	184
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18	COSTS OF INDUCED RESPONSES AND TOLERANCE TO HERBIVORY IN MALE AND FEMALE FITNESS COMPONENTS OF WILD RADISH. Evolution; International Journal of Organic Evolution, 1999, 53, 1093-1104.	1.1	287

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19	Title is missing!. Journal of Chemical Ecology, 2000, 26, 915-952.	0.9	83
20	Title is missing!. Journal of Chemical Ecology, 2000, 26, 471-485.	0.9	111
21	Environmental and Developmental Regulation of Trypsin Inhibitor Activity in Brassica napus. Journal of Chemical Ecology, 2000, 26, 1411-1422.	0.9	33
22	The Myriad Plant Responses to Herbivores. Journal of Plant Growth Regulation, 2000, 19, 195-216.	2.8	1,213
23	New roles for cis-jasmone as an insect semiochemical and in plant defense. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 9329-9334.	3.3	384
24	Jasmonic Acid Induced Resistance in Grapevines to a Root and Leaf Feeder. Journal of Economic Entomology, 2000, 93, 840-845.	0.8	64
25	Jasmonate-mediated induced plant resistance affects a community of herbivores. Ecological Entomology, 2001, 26, 312-324.	1.1	252
26	Chemically-induced resistance against multiple pests in cotton. International Journal of Pest Management, 2001, 47, 49-54.	0.9	68
27	Jasmonic acid treatment and mammalian herbivory differentially affect chemical defenses and growth of wild mustard (Brassica kaber). Chemoecology, 2001, 11, 137-143.	0.6	43
28	Fitness costs of jasmonic acid-induced defense in tomato, Lycopersicon esculentum. Oecologia, 2001, 126, 380-385.	0.9	140
29	Plant density and nutrient availability constrain constitutive and wound-induced expression of trypsin inhibitors in Brassica napus. , 2001, 27, 593-610.		111
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32	Emission of volatile organic compounds by apple trees under spider mite attack and attraction of predatory mites. Experimental and Applied Acarology, 2001, 25, 65-77.	0.7	43
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34	DIRECT AND INDIRECT EFFECTS OF ALKALOIDS ON PLANT FITNESS VIA HERBIVORY AND POLLINATION. Ecology, 2001, 82, 2032-2044.	1.5	119
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39	Olfactory responses of two specialist insect predators of spider mites toward plant volatiles from lima bean leaves induced by jasmonic acid and/or methyl salicylate.. <i>Applied Entomology and Zoology</i> , 2002, 37, 535-541.	0.6	45
40	Systemic Effects on Oxidative Enzymes in <i>Phaseolus vulgaris</i> Leaves That Have Been Wounded by the Grasshopper <i>Melanoplus differentialis</i> (Thomas) or Have Had a Foliar Application of Jasmonic Acid. <i>International Journal of Plant Sciences</i> , 2002, 163, 317-328.	0.6	10
41	Resistance of Cultivated Tomato to Cell Content-Feeding Herbivores Is Regulated by the Octadecanoid-Signaling Pathway. <i>Plant Physiology</i> , 2002, 130, 494-503.	2.3	223
42	Novel S-adenosyl-L-methionine:salicylic acid carboxyl methyltransferase, an enzyme responsible for biosynthesis of methyl salicylate and methyl benzoate, is not involved in floral scent production in snapdragon flowers. <i>Archives of Biochemistry and Biophysics</i> , 2002, 406, 261-270.	1.4	71
43	Potential for the use of elicitors of plant resistance in arthropod management programs. <i>Archives of Insect Biochemistry and Physiology</i> , 2002, 51, 222-235.	0.6	68
44	Induced sink strength as a prerequisite for induced tannin biosynthesis in developing leaves of <i>Populus</i> . <i>Oecologia</i> , 2002, 130, 585-593.	0.9	126
45	Cross-talk between jasmonate and salicylate plant defense pathways: effects on several plant parasites. <i>Oecologia</i> , 2002, 131, 227-235.	0.9	191
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49	C6-Green leaf volatiles trigger local and systemic VOC emissions in tomato. <i>Phytochemistry</i> , 2002, 61, 545-554.	1.4	215
50	A biological role for prokaryotic ClC chloride channels. <i>Nature</i> , 2002, 419, 715-718.	13.7	204
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52	Antagonism between jasmonate- and salicylate-mediated induced plant resistance: effects of concentration and timing of elicitation on defense-related proteins, herbivore, and pathogen performance in tomato. <i>Journal of Chemical Ecology</i> , 2002, 28, 1131-1159.	0.9	162
53	Effect of nitrogen and water treatment on leaf chemistry in horsenettle (<i>Solanum carolinense</i>), and relationship to herbivory by flea beetles (<i>Epitrix</i> spp.) and tobacco hornworm (<i>Manduca sexta</i>). <i>Journal of Chemical Ecology</i> , 2002, 28, 2377-2398.	0.9	37
54	Defoliation-induced responses in peroxidases, phenolics, and polyamines in scots pine (<i>Pinus sylvestris</i>) Tj ETQq1 1 0,784314,rgBT /Ove	0.9	28

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60	Fungus-Induced Biochemical Changes in Peanut Plants and Their Effect on Development of Beet Armyworm, <i>Spodoptera Exigua</i> (Lepidoptera: Noctuidae) Larvae. <i>Environmental Entomology</i> , 2003, 32, 220-228.	0.7	61
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65	The Role of the Jasmonate Response in Plant Susceptibility to Diverse Pathogens with a Range of Lifestyles. <i>Plant Physiology</i> , 2004, 135, 530-538.	2.3	338
66	Induced Plant Signaling and its Implications for Environmental Sensing. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2004, 67, 819-834.	1.1	19
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68	<i>Solanum nigrum</i> : A model ecological expression system and its tools. <i>Molecular Ecology</i> , 2004, 13, 981-995.	2.0	51
69	Salicylic acid inhibits jasmonic acid-induced resistance of <i>Arabidopsis thaliana</i> to <i>Spodoptera exigua</i> . <i>Molecular Ecology</i> , 2004, 13, 1643-1653.	2.0	197
70	Trypsin and alpha-amylase inhibitors are differentially induced in leaves of amaranth (<i>Amaranthus</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 2.6 47		
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111	Larval feeding induced defensive responses in tobacco: comparison of two sibling species of <i>Helicoverpa</i> with different diet breadths. <i>Planta</i> , 2007, 226, 215-224.	1.6	24
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122	Plant Defense Elicitors Fail to Protect <i>Viburnum dentatum</i> from Herbivory by <i>Viburnum</i> Leaf Beetle (Coleoptera: Chrysomelidae). <i>Journal of Economic Entomology</i> , 2008, 101, 1466-1470.	0.8	3
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125	Peroxidase and Polyphenoloxidase Activities and Phenol Content in Fruit of Eggplant and Their Relationship to Infestation by Shoot and Fruit Borer. <i>International Journal of Vegetable Science</i> , 2009, 15, 316-324.	0.6	5
126	Effect of Exogenous Methyl Jasmonate on Numerical Growth of the Population of the Two-Spotted Spider Mite (<i>Tetranychus Urticae</i> Koch.) on Strawberry Plants and Young Apple Trees. <i>Journal of Plant Protection Research</i> , 2010, 50, .	1.0	7
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132	Density dependence in insect performance within individual plants: induced resistance to <i>Spodoptera exigua</i> in tomato. <i>Oikos</i> , 2010, 119, 1993-1999.	1.2	38
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138	Cultivar Effects on the Expression of Induced Resistance in Spring Barley. <i>Plant Disease</i> , 2011, 95, 595-600.	0.7	41
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147	Ovipositing <i>Orius laevigatus</i> increase tomato resistance against <i>Frankliniella occidentalis</i> feeding by inducing the wound response. <i>Arthropod-Plant Interactions</i> , 2011, 5, 71-80.	0.5	40
148	Variation in Phenotypic Plasticity among Native and Invasive Populations of <i>Alliaria petiolata</i> . <i>International Journal of Plant Sciences</i> , 2011, 172, 763-772.	0.6	11
149	Alleviation of oxidative stress induced by spider mite invasion through application of elicitors in bean plants. <i>Egyptian Journal of Biology</i> , 2012, 14, .	0.1	10
150	Epigenetic variation in plant responses to defence hormones. <i>Annals of Botany</i> , 2012, 110, 1423-1428.	1.4	74
151	Effect of Jasmonic Application on Economically Insect Pests and Yield in Spring Wheat. <i>Gesunde Pflanzen</i> , 2012, 64, 107-116.	1.7	9
152	Expression and costs of induced defense traits in <i>Alliaria petiolata</i> , a widespread invasive plant. <i>Basic and Applied Ecology</i> , 2012, 13, 432-440.	1.2	23
153	Metabolic and enzymatic changes associated with carbon mobilization, utilization and replenishment triggered in grain amaranth (<i>Amaranthus cruentus</i>) in response to partial defoliation by mechanical injury or insect herbivory. <i>BMC Plant Biology</i> , 2012, 12, 163.	1.6	47
154	When herbivores come back: effects of repeated damage on induced resistance. <i>Functional Ecology</i> , 2012, 26, 1441-1449.	1.7	26
155	Costs and Benefits of Jasmonic Acid Induced Responses in Soybean. <i>Environmental Entomology</i> , 2012, 41, 551-561.	0.7	31
156	Jasmonate-induced defenses in tomato against <i>Helicoverpa armigera</i> depend in part on nutrient availability, but artificial induction via methyl jasmonate does not. <i>Arthropod-Plant Interactions</i> , 2012, 6, 531-541.	0.5	24
157	High Tolerance to Salinity and Herbivory Stresses May Explain the Expansion of <i>Ipomoea Cairica</i> to Salt Marshes. <i>PLoS ONE</i> , 2012, 7, e48829.	1.1	19
158	Novel Elicitors Induce Defense Responses in Cut Flowers. , 2012, , .		3
159	Methyl Jasmonate Increases the Tropane Alkaloid Scopolamine and Reduces Natural Herbivory in <i>Brugmansia suaveolens</i> : Is Scopolamine Responsible for Plant Resistance?. <i>Neotropical Entomology</i> , 2012, 41, 2-8.	0.5	9
160	UV-C irradiation induces defence responses and improves vase-life of cut gerbera flowers. <i>Postharvest Biology and Technology</i> , 2012, 64, 168-174.	2.9	21
161	Herbivore-Induced Plant Volatiles to Enhance Biological Control in Agriculture. <i>Neotropical Entomology</i> , 2013, 42, 331-343.	0.5	53
162	Effectiveness of different elicitors in inducing resistance in chilli (<i>Capsicum annuum</i> L.) against pathogen infection. <i>Scientia Horticulturae</i> , 2013, 164, 461-465.	1.7	7
163	Responses of Herbivore and Predatory Mites to Tomato Plants Exposed to Jasmonic Acid Seed Treatment. <i>Journal of Chemical Ecology</i> , 2013, 39, 1297-1300.	0.9	35
164	Synthetic Cis-Jasmone Exposure Induces Wheat and Barley Volatiles that Repel the Pest Cereal Leaf Beetle, <i>Oulema melanopus</i> L.. <i>Journal of Chemical Ecology</i> , 2013, 39, 620-629.	0.9	28

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165	Jasmonate-Mediated Induced Volatiles in the American Cranberry, <i>Vaccinium macrocarpon</i> : From Gene Expression to Organismal Interactions. <i>Frontiers in Plant Science</i> , 2013, 4, 115.	1.7	36
166	Arbuscular mycorrhizal fungi are necessary for the induced response to herbivores by <i>Cucumis sativus</i> . <i>Journal of Plant Ecology</i> , 2013, 6, 171-176.	1.2	20
168	Benefits and costs of tomato seed treatment with plant defense elicitors for insect resistance. <i>Arthropod-Plant Interactions</i> , 2014, 8, 539-545.	0.5	26
169	Control of foliar pathogens of spring barley using a combination of resistance elicitors. <i>Frontiers in Plant Science</i> , 2014, 5, 241.	1.7	25
170	Jasmonic acid is associated with resistance to twospotted spider mites in diploid cotton (<i>Gossypium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	20
171	Jasmonate and salicylate induced defenses in wheat affect host preference and probing behavior but not performance of the grain aphid, <i>Sitobion avenae</i> . <i>Insect Science</i> , 2014, 21, 47-55.	1.5	49
172	Does application of methyl jasmonate to birch mimic herbivory and attract insectivorous birds in nature?. <i>Arthropod-Plant Interactions</i> , 2014, 8, 143-153.	0.5	35
173	Extracts from green and brown seaweeds protect tomato (<i>Solanum lycopersicum</i>) against the necrotrophic fungus <i>Alternaria solani</i> . <i>Journal of Applied Phycology</i> , 2014, 26, 1607-1614.	1.5	47
175	Biochemical and physiological mechanisms underlying effects of cucumber mosaic virus on host plant traits that mediate transmission by aphid vectors. <i>Plant, Cell and Environment</i> , 2014, 37, 1427-1439.	2.8	107
176	No evidence for phylogenetic constraint on natural defense evolution among wild tomatoes. <i>Ecology</i> , 2014, 95, 1633-1641.	1.5	39
177	Treatment of <i>Amaranthus cruentus</i> with chemical and biological inducers of resistance has contrasting effects on fitness and protection against compatible Gram positive and Gram negative bacterial pathogens. <i>Journal of Plant Physiology</i> , 2014, 171, 927-939.	1.6	12
178	Effects of plant-growth-promoting microorganisms and fertilizers on growth of cabbage and tomato and <i>Spodoptera litura</i> performance. <i>Journal of Asia-Pacific Entomology</i> , 2014, 17, 587-593.	0.4	8
179	Effects of simulated and natural herbivory on tomato (<i>Solanum lycopersicum</i> var. <i>esculentum</i>) leaf trichomes. <i>Bios</i> , 2014, 85, 192-198.	0.0	3
180	Antibiosis and tolerance but not antixenosis to the grain aphid, <i>Sitobion avenae</i> (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	18
181	Mechanisms and ecological consequences of plant defence induction and suppression in herbivore communities. <i>Annals of Botany</i> , 2015, 115, 1015-1051.	1.4	244
182	Elevated ozone induces jasmonic acid defense of tomato plants and reduces midgut proteinase activity in <i>Helicoverpa armigera</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2015, 154, 188-198.	0.7	7
183	The effect of methyl jasmonate and acibenzolar-S-methyl on the populations of the European red mite (<i>Panonychus ulmi</i> Koch) and <i>Typhlodromus pyri</i> Scheut. in apple orchards, as well as on the yield and growth of apple trees. <i>International Journal of Acarology</i> , 2015, 41, 100-107.	0.3	6
184	Efficacy of <i>Purpureocillium lilacinum</i> CKPL-053 in controlling <i>Thrips palmi</i> (Thysanoptera: Thripidae) in orchid farms in Thailand. <i>Applied Entomology and Zoology</i> , 2015, 50, 317-329.	0.6	16

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185	Whitefly, <i>Trialeurodes ricini</i> (Genn) feeding stress induced defense responses in castor, <i>Ricinus communis</i> L. plants. <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 425-431.	0.4	7
186	Tomato treatment with chemical inducers reduces the performance of <i>Spodoptera littoralis</i> (Lepidoptera: Noctuidae). <i>Applied Entomology and Zoology</i> , 2015, 50, 175-182.	0.6	10
187	Elm leaves "warned" by insect egg deposition reduce survival of hatching larvae by a shift in their quantitative leaf metabolite pattern. <i>Plant, Cell and Environment</i> , 2016, 39, 366-376.	2.8	35
188	Herbivore density mediates the indirect effect of herbivores on plants via induced resistance and apparent competition. <i>Ecosphere</i> , 2016, 7, e01218.	1.0	15
189	Think outside the sieve element!. <i>Plant, Cell and Environment</i> , 2016, 39, 707-708.	2.8	4
190	The green peach aphid <i>Myzus persicae</i> perform better on pre-infested Chinese cabbage <i>Brassica pekinensis</i> by enhancing host plant nutritional quality. <i>Scientific Reports</i> , 2016, 6, 21954.	1.6	40
191	Effects of arbuscular mycorrhizal fungi on herbivory defense in two <i>Solanum</i> (Solanaceae) species. <i>Plant Ecology and Evolution</i> , 2016, 149, 157-164.	0.3	34
192	Intraspecific variation in defense against a generalist lepidopteran herbivore in populations of <i>Eruca sativa</i> (Mill.). <i>Ecology and Evolution</i> , 2016, 6, 363-374.	0.8	13
193	Nanosilica and jasmonic acid as alternative methods for control <i>Tuta absoluta</i> (Meyrick) in tomato crop under field conditions. <i>Archives of Phytopathology and Plant Protection</i> , 2016, 49, 362-370.	0.6	6
194	Plant responses to arbuscular mycorrhizae under elevated temperature and drought. <i>Journal of Plant Ecology</i> , 2016, , rtw075.	1.2	6
195	Induced plant-defenses suppress herbivore reproduction but also constrain predation of their offspring. <i>Plant Science</i> , 2016, 252, 300-310.	1.7	34
196	Latitudinal Gradients in Induced and Constitutive Resistance against Herbivores. <i>Journal of Chemical Ecology</i> , 2016, 42, 772-781.	0.9	20
197	Jasmonate-induced defense in tomato and cabbage deterred <i>Spodoptera litura</i> (Noctuidae) growth. <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 1125-1129.	0.4	3
198	Jasmonic acid involves in grape fruit ripening and resistant against <i>Botrytis cinerea</i> . <i>Functional and Integrative Genomics</i> , 2016, 16, 79-94.	1.4	87
199	The efficacy of <i>Beauveria bassiana</i> , jasmonic acid and chlorantraniliprole on larval populations of <i>Helicoverpa armigera</i> in chickpea crop ecosystems. <i>Pest Management Science</i> , 2017, 73, 418-424.	1.7	16
200	Transgenerational effects alter plant defence and resistance in nature. <i>Journal of Evolutionary Biology</i> , 2017, 30, 664-680.	0.8	43
201	Plant-mediated effects on an insect-pathogen interaction vary with intraspecific genetic variation in plant defences. <i>Oecologia</i> , 2017, 183, 1121-1134.	0.9	29
202	Direct and indirect resistance of sugarcane to <i>Diatraea saccharalis</i> induced by jasmonic acid. <i>Bulletin of Entomological Research</i> , 2017, 107, 828-838.	0.5	12

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203	Plant genotype and induced defenses affect the productivity of an insect-killing obligate viral pathogen. <i>Journal of Invertebrate Pathology</i> , 2017, 148, 34-42.	1.5	9
204	Developing ecologically based pest management programs for terrestrial molluscs in field and forage crops. <i>Journal of Pest Science</i> , 2017, 90, 825-838.	1.9	30
205	Transcriptomic responses of <i>Solanum dulcamara</i> to natural and simulated herbivory. <i>Molecular Ecology Resources</i> , 2017, 17, e196-e211.	2.2	44
206	Susceptibility of Seven Selected Tomato Cultivars to <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae): Implications for Its Management. <i>Journal of Economic Entomology</i> , 2017, 110, 421-429.	0.8	16
207	Acquiring nutrients from tree leaves: effects of leaf maturity and development type on a generalist caterpillar. <i>Oecologia</i> , 2017, 184, 59-73.	0.9	10
208	Carnivore Attractant or Plant Elicitor? Multifunctional Roles of Methyl Salicylate Lures in Tomato Defense. <i>Journal of Chemical Ecology</i> , 2017, 43, 573-585.	0.9	26
209	Induced defences alter the strength and direction of natural selection on reproductive traits in common milkweed. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1219-1228.	0.8	6
211	Defensive responses in <i>Capsicum annuum</i> (L) plants, induced due to the feeding by different larval instars of <i>Spodoptera litura</i> (F). <i>Arthropod-Plant Interactions</i> , 2017, 11, 193-202.	0.5	5
212	The role of transgenerational effects in adaptation of clonal offspring of white clover (<i>Trifolium</i>)	0.5	57
213	Plants are Not Sitting Ducks: Teaching Module on Plant Biochemical Interactions with Insects. <i>Journal of Natural Resources and Life Sciences Education</i> , 2017, 46, 170001.	0.8	2
214	Secretory laccase 1 in <i>Bemisia tabaci</i> MED is involved in whitefly-plant interaction. <i>Scientific Reports</i> , 2017, 7, 3623.	1.6	29
215	Different effects of exogenous jasmonic acid on preference and performance of viruliferous <i>Bemisia tabaci</i> B and Q. <i>Entomologia Experimentalis Et Applicata</i> , 2017, 165, 148-158.	0.7	13
217	Induction of Jasmonic Acid-Associated Defenses by Thrips Alters Host Suitability for Conspecifics and Correlates with Increased Trichome Densities in Tomato. <i>Plant and Cell Physiology</i> , 2017, 58, 622-634.	1.5	69
218	Effects of induced plant resistance on soybean looper (Lepidoptera: Noctuidae) in soybean. <i>Arthropod-Plant Interactions</i> , 2018, 12, 543-551.	0.5	7
219	Effects of exogenous methyl jasmonate-induced resistance in <i>Populus alba</i> on the performance and metabolic enzyme activities of <i>Closteria anachoreta</i> . <i>Arthropod-Plant Interactions</i> , 2018, 12, 247-255.	0.5	13
220	Global gene regulation in tomato plant (<i>Solanum lycopersicum</i>) responding to vector (Bactericera)	2.0	18
221	Jasmonic acid regulation of the anti-herbivory mechanism conferred by fungal endophytes in grasses. <i>Journal of Ecology</i> , 2018, 106, 2365-2379.	1.9	23
222	Plants eavesdrop on cues produced by snails and induce costly defenses that affect insect herbivores. <i>Oecologia</i> , 2018, 186, 703-710.	0.9	14

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224	Insight into Genes Regulating Postharvest Aflatoxin Contamination of Tetraploid Peanut from Transcriptional Profiling. <i>Genetics</i> , 2018, 209, 143-156.	1.2	23
225	Indirect plant defense against insect herbivores: a review. <i>Insect Science</i> , 2018, 25, 2-23.	1.5	225
226	Application of methyl jasmonate to grey willow (<i>Salix cinerea</i>) attracts insectivorous birds in nature. <i>Arthropod-Plant Interactions</i> , 2018, 12, 1-8.	0.5	21
227	Soybean defense induction to <i>Spodoptera cosmioides</i> herbivory is dependent on plant genotype and leaf position. <i>Arthropod-Plant Interactions</i> , 2018, 12, 85-96.	0.5	8
228	Choice of Tethering Material Influences the Magnitude and Significance of Treatment Effects in Whitefly Electrical Penetration Graph Recordings. <i>Journal of Insect Behavior</i> , 2018, 31, 656-671.	0.4	8
229	Are wild insectivorous birds attracted to methyl-jasmonate-treated Pyrenean oak trees?. <i>Behaviour</i> , 2018, 155, 945-967.	0.4	5
231	Interactive Responses of <i>Solanum Dulcamara</i> to Drought and Insect Feeding are Herbivore Species-Specific. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3845.	1.8	17
232	Jasmonic acid-induced plant defenses delay caterpillar developmental resistance to a baculovirus: Slow-growth, high-mortality hypothesis in plant-insect-pathogen interactions. <i>Journal of Invertebrate Pathology</i> , 2018, 158, 16-23.	1.5	9
233	Exogenous application of methyl jasmonate alters <i>Pinus resinosa</i> seedling response to simulated frost. <i>Botany</i> , 2018, 96, 705-710.	0.5	3
234	Herbivore-Induced Defenses in Tomato Plants Enhance the Lethality of the Entomopathogenic Bacterium, <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> . <i>Journal of Chemical Ecology</i> , 2018, 44, 947-956.	0.9	8
235	Physiological and molecular genetic studies on two elicitors for improving the tolerance of six Egyptian soybean cultivars to cotton leaf worm. <i>Plant Physiology and Biochemistry</i> , 2018, 130, 224-234.	2.8	44
236	The Commonly Used Bactericide Bismethiazol Promotes Rice Defenses against Herbivores. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1271.	1.8	9
237	Type VI glandular trichome density and their derived volatiles are differently induced by jasmonic acid in developing and fully developed tomato leaves: Implications for thrips resistance. <i>Plant Science</i> , 2018, 276, 87-98.	1.7	48
238	Impact of jasmonates on safety, productivity and physiology of food crops. <i>Trends in Food Science and Technology</i> , 2019, 91, 169-183.	7.8	45
239	The effect of allometric partitioning on herbivory tolerance in four species in South China. <i>Ecology and Evolution</i> , 2019, 9, 11647-11656.	0.8	0
240	Seed treatment using methyl jasmonate induces resistance to rice water weevil but reduces plant growth in rice. <i>PLoS ONE</i> , 2019, 14, e0222800.	1.1	12
241	Endophyte Infection and Methyl Jasmonate Treatment Increased the Resistance of <i>Achnatherum sibiricum</i> to Insect Herbivores Independently. <i>Toxins</i> , 2019, 11, 7.	1.5	18

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242	Molecular and Functional Characterization of Elicitor PeBC1 Extracted from <i>Botrytis cinerea</i> Involved in the Induction of Resistance against Green Peach Aphid (<i>Myzus persicae</i>) in Common Beans (<i>Phaseolus vulgaris</i> L.). <i>Insects</i> , 2019, 10, 35.	1.0	14
243	Effects of physiological integration on defense strategies against herbivory by the clonal plant <i>Alternanthera philoxeroides</i> . <i>Journal of Plant Ecology</i> , 2019, 12, 662-672.	1.2	8
244	Ethylene signaling mediates potyvirus spread by aphid vectors. <i>Oecologia</i> , 2019, 190, 139-148.	0.9	41
245	Exogenous application of methyl jasmonate to <i>Ficus hahliana</i> attracts predators of insects along an altitudinal gradient in Papua New Guinea. <i>Journal of Tropical Ecology</i> , 2019, 35, 157-164.	0.5	5
246	Jasmonate Signal Receptor Gene Family ZmCOIs Restore Male Fertility and Defense Response of <i>Arabidopsis</i> mutant <i>coil-1</i> . <i>Journal of Plant Growth Regulation</i> , 2019, 38, 479-493.	2.8	23
247	Food decisions of an omnivorous thrips are independent from the indirect effects of jasmonate-inducible plant defences on prey quality. <i>Scientific Reports</i> , 2019, 9, 1727.	1.6	5
248	Responses of <i>Spodoptera frugiperda</i> and <i>Trichogramma pretiosum</i> to Rice Plants Exposed to Herbivory and Phytohormones. <i>Neotropical Entomology</i> , 2019, 48, 381-390.	0.5	5
249	Comparative damage and digestive enzyme activity of <i>Tuta absoluta</i> (Meyrick) (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF 5	0.6	5
250	Evolution of phenotypic plasticity: Genetic differentiation and additive genetic variation for induced plant defence in wild arugula <i>Eruca sativa</i> . <i>Journal of Evolutionary Biology</i> , 2020, 33, 237-246.	0.8	13
251	Insect predator odors protect herbivore from fungal infection. <i>Biological Control</i> , 2020, 143, 104186.	1.4	3
252	Anti-insect activity of a partially purified protein derived from the entomopathogenic fungus <i>Lecanicillium lecanii</i> (Zimmermann) and its putative role in a tomato defense mechanism against green peach aphid. <i>Journal of Invertebrate Pathology</i> , 2020, 170, 107282.	1.5	12
253	Plant nutrient supply alters the magnitude of indirect interactions between insect herbivores: From foliar chemistry to community dynamics. <i>Journal of Ecology</i> , 2020, 108, 1497-1510.	1.9	30
254	Host plant defense produces species specific alterations to flight muscle protein structure and flight-related fitness traits of two armyworms. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	6
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256	Constitutive and Inducible Resistance to Thrips Do Not Correlate With Differences in Trichome Density or Enzymatic-Related Defenses in Chrysanthemum. <i>Journal of Chemical Ecology</i> , 2020, 46, 1105-1116.	0.9	2
257	Volatile Organic Compounds as Insect Repellents and Plant Elicitors: an Integrated Pest Management (IPM) Strategy for Glasshouse Whitefly (<i>Trialeurodes vaporariorum</i>). <i>Journal of Chemical Ecology</i> , 2020, 46, 1090-1104.	0.9	32
258	Sub-Lethal Effects of Partially Purified Protein Extracted from <i>Beauveria bassiana</i> (Balsamo) and Its Presumptive Role in Tomato (<i>Lycopersicon esculentum</i> L.) Defense against Whitefly (<i>Bemisia tabaci</i>) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5	0.0	0
259	Exogenous application of plant hormones in the field alters aboveground plant-insect responses and belowground nutrient availability, but does not lead to differences in plant-soil feedbacks. <i>Arthropod-Plant Interactions</i> , 2020, 14, 559-570.	0.5	2

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260	Wild strawberry shows genetic variation in tolerance but not resistance to a generalist herbivore. <i>Ecology and Evolution</i> , 2020, 10, 13022-13029.	0.8	0
261	Induction of defense in cereals by 4-fluorophenoxyacetic acid suppresses insect pest populations and increases crop yields in the field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12017-12028.	3.3	33
262	Purification and characterization of a novel trypsin inhibitor from <i>Solanum tuberosum</i> subsp. <i>andigenum</i> var. <i>overa</i> : Study of the expression levels and preliminary evaluation of its antimicrobial activity. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 1279-1287.	3.6	3
263	Slug Feeding Triggers Dynamic Metabolomic and Transcriptomic Responses Leading to Induced Resistance in <i>Solanum dulcamara</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 803.	1.7	3
264	Methyl Jasmonate Treatment of Broccoli Enhanced Glucosinolate Concentration, Which Was Retained after Boiling, Steaming, or Microwaving. <i>Foods</i> , 2020, 9, 758.	1.9	10
265	Induction of 2-cyanoethyl-isoxazolin-5-one as an antifeedant against the tobacco cutworm (<i>Spodoptera litura</i>) by jasmonic acid in sweet pea leaf. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 1105-1112.	0.6	0
266	Putative Role of a Yet Uncharacterized Protein Elicitor PeBb1 Derived from <i>Beauveria bassiana</i> ARSEF 2860 Strain against <i>Myzus persicae</i> (Homoptera: Aphididae) in <i>Brassica rapa</i> ssp. <i>pekinensis</i> . <i>Pathogens</i> , 2020, 9, 111.	1.2	6
268	Induced resistance mitigates the effect of plant neighbors on susceptibility to herbivores. <i>Ecosphere</i> , 2021, 12, e03334.	1.0	4
269	Fertilizer quantity and type alter mycorrhizae-conferred growth and resistance to herbivores. <i>Journal of Applied Ecology</i> , 2021, 58, 931-940.	1.9	10
270	The Multifunctional Roles of Polyphenols in Plant-Herbivore Interactions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1442.	1.8	115
271	Methyl jasmonate-induced resistance to <i>Delia platura</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 Td (<sc	1.7	4
272	Effects of Prohydrojasmon on the Number of Infesting Herbivores and Biomass of Field-Grown Japanese Radish Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 695701.	1.7	3
273	Exploiting Plant Signals in Sustainable Agriculture. <i>Signaling and Communication in Plants</i> , 2010, , 215-227.	0.5	11
274	Signals Regulating Multiple Responses to Wounding and Herbivores. , 0, .		41
275	Enzymatic Effects on Flavor and Texture of Fresh-cut Fruits and Vegetables. , 2002, , .		6
276	Subterranean, Herbivore-Induced Plant Volatile Increases Biological Control Activity of Multiple Beneficial Nematode Species in Distinct Habitats. <i>PLoS ONE</i> , 2012, 7, e38146.	1.1	99
277	Elevated CO ₂ Reduces the Resistance and Tolerance of Tomato Plants to <i>Helicoverpa armigera</i> by Suppressing the JA Signaling Pathway. <i>PLoS ONE</i> , 2012, 7, e41426.	1.1	49
278	Success of mite-fighting tactics evaluated: In Central Valley, early-season release of Willamette mites confers resistance on wine grapes. <i>California Agriculture</i> , 1998, 52, 21-24.	0.5	4

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280	Attraction to Smelly Food in Birds: Insectivorous Birds Discriminate between the Pheromones of Their Prey and Those of Non-Prey Insects. <i>Biology</i> , 2021, 10, 1010.	1.3	4
281	Effect of two protein elicitors extracted from <i>Alternaria tenuissima</i> and <i>Beauveria bassiana</i> against rice leaf folder (<i>Marasmia exigua</i>). <i>Journal of King Saud University - Science</i> , 2021, 33, 101652.	1.6	2
282	Future Use of Plant Signals in Agricultural and Industrial Crops. <i>Novartis Foundation Symposium</i> , 1999, 223, 223-238.	1.2	3
283	Induced Systemic Resistance and Their Implications in Host Resistance to Physic Nut against Leaf Blight Disease. <i>Molecular Microbiology Research</i> , 0, , .	0.0	1
284	Induction of Polyphenol Oxidase in <i>Sempervivum L.</i> <i>Current Plant Science and Biotechnology in Agriculture</i> , 1999, , 269-272.	0.0	0
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320	The role of signaling compounds in enhancing rice allelochemicals for sustainable agriculture: an overview. <i>Planta</i> , 2023, 258, .	1.6	2
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