

Jalal Jalali Sendi

List of Publications by Year in descending order

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85
papers

1,317
citations

393982

19
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32
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86
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86
docs citations

86
times ranked

1133
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#	ARTICLE	IF	CITATIONS
1	Hemocytic cell line from the moth <i>Glyphodes pyloalis</i> (Lepidoptera: Crambidae) response to essential oils from <i>Artemisia annua</i> (Asterales: Asteraceae). <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2022, 58, 14-20.	0.7	1
2	The sweet wormwood essential oil and its two major constituents are promising for a safe control measure against fall webworm. <i>Pesticide Biochemistry and Physiology</i> , 2022, 184, 105124.	1.6	3
3	Encapsulation of <i>Eucalyptus largiflorens</i> Essential Oil by Mesoporous Silicates for Effective Control of the Cowpea Weevil, <i>Callosobruchus maculatus</i> (Fabricius) (Coleoptera: Chrysomelidae). <i>Molecules</i> , 2022, 27, 3531.	1.7	10
4	Mulberry pyralid haemocytes, a structural and functional study. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 75-84.	0.4	2
5	Acaricidal, Insecticidal, and Nematicidal Efficiency of Essential Oils Isolated from the <i>Satureja</i> Genus. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6050.	1.2	7
6	Semi-field demographic performance of the invasive planthopper, <i>Orosanga japonica</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	1
7	Mulberry Protection through Flowering-Stage Essential Oil of <i>Artemisia annua</i> against the Lesser Mulberry Pyralid, <i>Glyphodes pyloalis</i> Walker. <i>Foods</i> , 2021, 10, 210.	1.9	15
8	Ovicidal and Physiological Effects of Essential Oils Extracted from Six Medicinal Plants on the Elm Leaf Beetle, <i>Xanthogaleruca luteola</i> (Mull.). <i>Agronomy</i> , 2021, 11, 2015.	1.3	2
9	Toxicity and physiological effects of diallyl sulfide and diallyl disulfide on <i>Tuta absoluta</i> Meyrick. <i>Physiological and Molecular Plant Pathology</i> , 2021, 116, 101741.	1.3	4
10	Toxicity and deleterious effects of <i>Artemisia annua</i> essential oil extracts on mulberry pyralid (<i>Glyphodes pyloalis</i>). <i>Pesticide Biochemistry and Physiology</i> , 2020, 170, 104702.	1.6	17
11	Developing an <i>Ephestia kuehniella</i> Hemocyte Cell Line to Assess the Bio-Insecticidal Potential of Microencapsulated <i>Helicoverpa armigera</i> Nucleopolyhedrovirus Against Cotton Bollworm (Lepidoptera: Noctuidae) Larva. <i>Journal of Economic Entomology</i> , 2020, 113, 2086-2095.	0.8	5
12	Insecticidal and morpho-physiological disorders caused by <i>Thymus vulgaris</i> L. essential oil on the elm leaf beetle, <i>Xanthogaleruca luteola</i> Müller (Coleoptera: Chrysomelidae). <i>Archives of Phytopathology and Plant Protection</i> , 2020, 53, 765-780.	0.6	1
13	Methanolic Extract of Winter Cherry Causes Morpho-Histological and Immunological Ailments in Mulberry Pyralid <i>Glyphodes pyloalis</i> . <i>Frontiers in Physiology</i> , 2020, 11, 908.	1.3	7
14	Biologically active toxin identified from <i>Artemisia annua</i> against lesser mulberry pyralid, <i>Glyphodes pyloalis</i> . <i>Toxin Reviews</i> , 2020, , 1-9.	1.5	4
15	Toxicity and physiological effects of ajwain (<i>Carum copticum</i> , Apiaceae) essential oil and its major constituents against <i>Tuta absoluta</i> (Meyrick) (Lepidoptera: Gelechiidae). <i>Chemosphere</i> , 2020, 256, 127103.	4.2	48
16	Can Feeding of Silkworm on Different Mulberry Variety Affect Its Performance?. <i>Journal of Economic Entomology</i> , 2019, 113, 281-287.	0.8	4
17	Influence of gibberellic acid on life table parameters of <i>Helicoverpa armigera</i> Hübner (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlo	0.4	2
18	Changes in immune responses of <i>Helicoverpa armigera</i> Hübner followed by feeding on Knotgrass, <i>Polygonum persicaria</i> agglutinin. <i>Archives of Insect Biochemistry and Physiology</i> , 2019, 101, e21543.	0.6	6

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19	Antifeedant and cytotoxic activity of gibberellic acid against <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). <i>Physiological Entomology</i> , 2019, 44, 169-176.	0.6	2
20	Releasing Digestive Enzymes by Brain Peptides in the Larvae of <i>Pieris brassicae</i> L. (Lepidoptera: Pieridae). <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2019, 89, 345-351.	0.4	0
21	Effect of <i>Polygonum persicaria</i> (Polygonales: Polygonaceae) Extracted Agglutinin on Life Table and Antioxidant Responses in <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) Larvae. <i>Journal of Economic Entomology</i> , 2018, 111, 662-671.	0.8	24
22	Investigation on endosymbionts of Mediterranean flour moth gut and studying their role in physiology and biology. <i>Journal of Stored Products Research</i> , 2018, 75, 10-17.	1.2	1
23	Toxicity and physiological effects of an extracted lectin from <i>Polygonum persicaria</i> L. on <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 38-44.	1.3	15
24	Biochemical characterization a digestive trypsin in the midgut of large cabbage white butterfly, <i>Pieris brassicae</i> L. (Lepidoptera: Pieridae). <i>Bulletin of Entomological Research</i> , 2018, 108, 501-509.	0.5	2
25	Suitability of <i>Aphis gossypii</i> Glover, <i>Aphis fabae</i> Scop. and <i>Ephestia kuehniella</i> Zeller eggs for the biology and life-table parameters of <i>Adalia decempunctata</i> (L.) (Coleoptera: Coccinellidae). <i>Archives of Biological Sciences</i> , 2018, 70, 737-747.	0.2	2
26	Evaluation of <i>Origanum vulgare</i> L. essential oil as a source of toxicant and an inhibitor of physiological parameters in diamondback moth, <i>Plutella xylostella</i> L. (Lepidoptera: Pyralidae). <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2017, 16, 184-190.	1.0	25
27	Haplotype diversity of mtCOI in the fall webworm <i>Hyphantria cunea</i> (Lepidoptera: Arctiidae) in introduced regions in China, Iran, Japan, Korea, and its homeland, the United States. <i>Applied Entomology and Zoology</i> , 2017, 52, 401-406.	0.6	5
28	Efficacy of Nanoencapsulated <i>Thymus eriocalyx</i> and <i>Thymus kotschyianus</i> Essential Oils by a Mesoporous Material MCM-41 Against <i>Tetranychus urticae</i> (Acari: Tetranychidae). <i>Journal of Economic Entomology</i> , 2017, 110, 2413-2420.	0.8	30
29	Acaricidal Potentials of the Terpene-rich Essential Oils of Two Iranian <i>Eucalyptus</i> Species against <i>Tetranychus urticae</i> Koch. <i>Journal of Oleo Science</i> , 2017, 66, 307-314.	0.6	11
30	Effect of <i>Citrullus colocynthis</i> L. (Cucurbitaceae) agglutinin on gene expression of caspases in <i>Ectomyelois ceratoniae</i> Zeller (Lepidoptera: Crambidae). <i>Journal of Entomological and Acarological Research</i> , 2016, 48, 304.	0.3	1
31	Characterization of a Digestive α -Amylase in the Midgut of <i>Pieris brassicae</i> L. (Lepidoptera: Pieridae). <i>Frontiers in Physiology</i> , 2016, 7, 96.	1.3	12
32	Chemical composition, insecticidal and physiological effect of methanol extract of sweet wormwood (<i>Artemisia annua</i> L.) on <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae). <i>Toxin Reviews</i> , 2016, 35, 106-115.	1.5	16
33	Effects of the Agglutinins Extracted From <i>Rhizoctonia solani</i> (Cantharellales: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 T 2016, 109, 1132-1140.	0.8	4
34	Toxicity and phytochemical profile of essential oil from Iranian <i>Achillea mellifolium</i> L. against <i>Tetranychus urticae</i> Koch (Acari: Tetranychidae). <i>Toxin Reviews</i> , 2016, 35, 24-28.	1.5	14
35	Hemocytes of the Rose Sawfly <i>Arge ochropus</i> (Gmelin) (Hymenoptera: Argidae). <i>Neotropical Entomology</i> , 2016, 45, 58-65.	0.5	3
36	Effects of <i>Rhizoctonia solani</i> Agglutinins on Intermediary Metabolism of <i>Pieris brassicae</i> (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlck 10 Tf 5	0.3	1

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37	Calling song structure of <i>Cicada orni</i> Linnaeus (Hemiptera: Cicadidae) in Iran: A comparative study with other areas. <i>Journal of Crop Protection</i> , 2016, 5, 251-257.	0.5	1
38	Effect of <i>Artemisia annua</i> L. essential oil on toxicity, enzyme activities, and energy reserves of cotton bollworm <i>Helicoverpa armigera</i> (Hübner) (Lepidoptera: Noctuidae). <i>Journal of Plant Protection Research</i> , 2015, 55, 371-377.	1.0	26
39	Effects of various host plants on nutritional indices and some biochemical compounds in green oak leaf roller, <i>Tortrix viridana</i> L. (Lepidoptera: Tortricidae). <i>Journal of Entomological and Acarological Research</i> , 2015, 47, 98.	0.3	7
40	A review on recent research results on bio-effects of plant essential oils against major Coleopteran insect pests. <i>Toxin Reviews</i> , 2015, 34, 76-91.	1.5	52
41	External morphology and calling song characteristics in <i>Tibicen plebejus</i> (Hemiptera: Cicadidae). <i>Comptes Rendus - Biologies</i> , 2015, 338, 103-111.	0.1	8
42	Immune and metabolic responses of <i>Chilo suppressalis</i> Walker (Lepidoptera: Crambidae) larvae to an insect growth regulator, hexaflumuron. <i>Pesticide Biochemistry and Physiology</i> , 2015, 125, 69-77.	1.6	11
43	Life table parameters of <i>Glyphodes pyloalis</i> Walker (Lep.: Pyralidae) on four varieties of mulberry <i>Morus alba</i> L. (Moraceae). <i>Journal of Asia-Pacific Entomology</i> , 2015, 18, 315-320.	0.4	2
44	Changes in cellular immune responses of <i>Chilo suppressalis</i> Walker (Lepidoptera: Crambidae) due to pyriproxyfen treatment. <i>Journal of Plant Protection Research</i> , 2015, 55, 287-293.	1.0	3
45	Purification and characterization of a digestive lipase in the midgut of <i>Ectomyelois ceratoniae</i> Zeller (Lepidoptera: Pyralidae). <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2015, 8, 64-70.	1.1	9
46	Feeding indices and enzymatic activities of carob moth <i>Ectomyelois ceratoniae</i> (Zeller) (Lepidoptera: Pyralidae). <i>Journal of Agricultural Sciences</i> , 2015, 14, 76-82.	1.0	11
47	Virulence of four <i>Beauveria bassiana</i> (Balsamo) (Asc., Hypocreales) isolates on rose sawfly, <i>Arge rosae</i> under laboratory condition. <i>Journal of King Saud University - Science</i> , 2015, 27, 49-53.	1.6	51
48	Effect of <i>Citrullus colocynthis</i> (Cucurbitaceae) agglutinin on the life table parameters of <i>Apomyelois ceratoniae</i> (Lepidoptera: Pyralidae). <i>Journal of Crop Protection</i> , 2015, 5, 19-31.	0.5	4
49	Effect of four varieties of mulberry on biochemistry and nutritional physiology of mulberry pyralid, <i>Glyphodes pyloalis</i> Walker (Lepidoptera: Pyralidae). <i>Journal of Entomological and Acarological Research</i> , 2014, 46, 42.	0.3	5
50	Effect of <i>Thymus vulgaris</i> L. and <i>Origanum vulgare</i> L. essential oils on toxicity, food consumption, and biochemical properties of lesser mulberry pyralid <i>Glyphodes pyloalis</i> Walker (Lepidoptera: Pyralidae). <i>Journal of Plant Protection Research</i> , 2014, 54, 53-61.	1.0	34
51	Chemical Composition of Essential Oil from <i>Zhumeria majdae</i> Rech. F. & Wendelbo and its Bioactivities Against <i>Tribolium castaneum</i> Herbst (Tenebrionidae) Larvae. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014, 17, 824-831.	0.7	13
52	Effect of heavy metals (Cd, Cu, and Zn) on feeding indices and energy reserves of the cotton boll worm <i>Helicoverpa armigera</i> Hübner (Lepidoptera: Noctuidae). <i>Journal of Plant Protection Research</i> , 2014, 54, 367-373.	1.0	46
53	Chemical Composition and Acaricidal Effects of Essential Oils of <i>Foeniculum vulgare</i> Mill. (Apiaceae) and <i>Lavandula angustifolia</i> Miller (Lamiales: Lamiaceae) against <i>Tetranychus urticae</i> Koch (Acari: Tetranychidae). <i>Psyche: Journal of Entomology</i> , 2014, 2014, 1-6.	0.4	11
54	A TRYPSIN-LIKE PROTEINASE IN THE MIDGUT OF <i>Ectomyelois ceratoniae</i> ZELLER (LEPIDOPTERA: PYRALIDAE). <i>Biochemistry and Physiology</i> , 2014, 85, 1-12.	0.6	8

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55	Digestive proteases of <i>Papilio demoleus</i> : Compartmentalization and characterization. <i>Phytoparasitica</i> , 2014, 42, 121-133.	0.6	3
56	Effect of essential oils from <i>Callistemon viminalis</i> and <i>Ferula gummosa</i> on toxicity and on the hemocyte profile of <i>Ephestia kuehniella</i> (Lep.: Pyralidae). <i>Archives of Phytopathology and Plant Protection</i> , 2014, 47, 268-278.	0.6	20
57	Recent Developments in Controlling Insect, Acari, Nematode, and Plant Pathogens of Agricultural and Medical Importance by <i>Artemisia annua</i> L. (Asteraceae). , 2014, , 229-247.		2
58	Chemical composition and bio-pesticidal values of essential oil isolated from the seed of <i>Heracleum persicum</i> Desf. ex Fischer (Apiaceae). <i>Spanish Journal of Agricultural Research</i> , 2014, 12, 1166.	0.3	7
59	Toxicity, development and physiological effect of <i>Thymus vulgaris</i> and <i>Lavandula angustifolia</i> essential oils on <i>Xanthogaleruca luteola</i> (Coleoptera: Chrysomelidae). <i>Journal of King Saud University - Science</i> , 2013, 25, 349-355.	1.6	26
60	Effect of <i>Lavandula angustifolia</i> essential oil against lesser mulberry pyralid <i>Glyphodes pyloalis</i> Walker (Lep: Pyralidae) and identification of its major derivatives. <i>Pesticide Biochemistry and Physiology</i> , 2013, 107, 250-257.	1.6	63
61	Life table parameters and biological characteristics of <i>Apomyelois ceratoniae</i> Zeller (Lepidoptera: Pyralidae) on three cultivars of pomegranate. <i>Archives of Phytopathology and Plant Protection</i> , 2013, 46, 766-773.	0.6	7
62	Effect of <i>Satureja hortensis</i> L. essential oil on feeding efficiency and biochemical properties of <i>Glyphodes pyloalis</i> Walker (Lepidoptera: Pyralidae). <i>Archives of Phytopathology and Plant Protection</i> , 2013, 46, 328-339.	0.6	7
63	Immunological Responses of <i>Hyphantria cunea</i> (Drury) (Lepidoptera: Arctiidae) to Entomopathogenic Fungi, <i>Beauveria bassiana</i> (Bals.-Cry) and <i>Isaria farinosae</i> (Holmsk.) Fr.. <i>Journal of Plant Protection Research</i> , 2013, 53, 110-118.	1.0	6
64	Inhibition of Digestive α -Amylases from <i>Chilo suppressalis</i> Walker (Lepidoptera: Crambidae) by a Proteinaceous Extract of <i>Citrullus colocynthis</i> L. (Cucurbitaceae). <i>Journal of Plant Protection Research</i> , 2013, 53, 195-202.	1.0	8
65	Effect of Milk Thistle, <i>Silybium marianum</i> , Extract on Toxicity, Development, Nutrition, and Enzyme Activities of the Small White Butterfly, <i>Pieris rapae</i> . <i>Journal of Insect Science</i> , 2013, 13, 1-10.	0.9	13
66	Effects of an extracted lectin from <i>Citrullus colocynthis</i> L. (Cucurbitaceae) on survival, digestion and energy reserves of <i>Ectomyelois ceratoniae</i> Zeller (Lepidoptera: Pyralidae). <i>Frontiers in Physiology</i> , 2013, 4, 328.	1.3	17
67	Effect of Neem Pesticide (Achook) on Midgut Enzymatic Activities and Selected Biochemical Compounds in the Hemolymph of Lesser Mulberry Pyralid, <i>Glyphodes Pyloalis</i> Walker (Lepidoptera:) <i>Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf</i>		
68	Pathogenicity of <i>Beauveria bassiana</i> to fall webworm (<i>Hyphantria cunea</i>) (Lepidoptera: Arctiidae) on different host plants. <i>Plant Protection Science</i> , 2013, 49, 169-176.	0.7	19
69	Toxicity and Physiological Effect of Essential Oil of <i>Artemisia Annu</i> (Labiatae) on <i>Agriolimnax Agrestis</i> L. (Stylommatophora: Limacidae). <i>Journal of Plant Protection Research</i> , 2012, 52, 185-189.	1.0	8
70	Proteolytic Activity in the Midgut of the Crimson Speckled Moth <i>Utethesia Pulchella</i> L. (Lepidoptera:) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf</i>		
71	Biochemical characterization of α - and β -glucosidases in alimentary canal, salivary glands and haemolymph of the rice green caterpillar, <i>Naranga aeneascens</i> M. (Lepidoptera: Noctuidae). <i>Biologia (Poland)</i> , 2012, 67, 1186-1194.	0.8	3
72	Effect of Sweet Wormwood <i>Artemisia annua</i> Crude Leaf Extracts on Some Biological and Physiological Characteristics of the Lesser Mulberry Pyralid, <i>Glyphodes pyloalis</i> . <i>Journal of Insect Science</i> , 2011, 11, 1-13.	0.6	31

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73	The effects of <i>Artemisia annua</i> L. and <i>Achillea millefolium</i> L. crude leaf extracts on the toxicity, development, feeding efficiency and chemical activities of small cabbage <i>Pieris rapae</i> L. (Lepidoptera: Tj ETQq1 1 01784314 rgBT /Overlock 10 T	0.6	17
74	A juvenile hormone analog, pyriproxifen, affects some biochemical components in the hemolymph and fat bodies of <i>Eurygaster integriceps</i> Puton (Hemiptera: Scutelleridae). <i>Pesticide Biochemistry and Physiology</i> , 2011, 100, 289-298.	1.6	49
75	A trypsinâ€like protease in rice green semiâ€looper, <i>Naranga aenescens</i> moore (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.6	17
76	Characterization of esterases from abamectin-resistant and susceptible strains of <i>Tetranychus urticae</i> Koch (Acari: Tetranychidae). <i>International Journal of Acarology</i> , 2011, 37, 271-281.	0.3	10
77	Effects of age and host availability on reproduction of <i>Trioxys angelicae</i> Haliday (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.9	7
78	Foraging efficiency of <i>Lysiphlebus fabarum</i> Marshall (Hymenoptera: Aphidiidae) parasitizing the black bean aphid, <i>Aphis fabae</i> Scopoli (Hemiptera: Aphididae), under laboratory conditions. <i>Journal of Asia-Pacific Entomology</i> , 2010, 13, 111-116.	0.4	11
79	Biology and demography of <i>Glyphodes pyloalis</i> Walker (Lepidoptera: Pyralidae) on mulberry. <i>Journal of Asia-Pacific Entomology</i> , 2010, 13, 273-276.	0.4	21
80	Effect of <i>Artemisia Annua</i> L. On Deterrence and Nutritional Efficiency Of Lesser Mulberry Pyralid (<i>Glyphodes Pylolais</i> Walker) (Lepidoptera: Pyralidae). <i>Journal of Plant Protection Research</i> , 2010, 50, 423-428.	1.0	48
81	Enzymatic properties of Î±-amylase in the midgut and the salivary glands of mulberry moth, <i>Glyphodes Apyloalis</i> Walker (Lepidoptera: Pyralidae). <i>Comptes Rendus - Biologies</i> , 2010, 333, 17-22.	0.1	10
82	Diazinon Resistance in Different Selected Strains of <i>Chilo suppressalis&/i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	65
83	The effects of BmNPV on biochemical changes in primary cultures of <i>Bombyx mori</i> embryonic tissue. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2008, 44, 121-127.	0.7	5
84	Effects of <i>Artemisia annua</i> L. (Asteracea) on nutritional physiology and enzyme activities of elm leaf beetle, <i>Xanthogaleruca luteola</i> Mull. (Coleoptera: Chrysomellidae). <i>Pesticide Biochemistry and Physiology</i> , 2008, 91, 66-74.	1.6	113
85	Differences in nutrient uptake between the fat body and embryonic primary cultures of silkworm (<i>Bombyx mori</i>). <i>Insect Science</i> , 2006, 13, 19-24.	1.5	2