Jalal Jalali Sendi

List of Publications by Year
in descending order

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85	1,317	393982	414034
papers	citations	19 h-index	32 g-index

86	86	86	1133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of Artemisia annua L. (Asteracea) on nutritional physiology and enzyme activities of elm leaf beetle, Xanthogaleruca luteola Mull. (Coleoptera: Chrysomellidae). Pesticide Biochemistry and Physiology, 2008, 91, 66-74.	1.6	113
2	Diazinon Resistance in Different Selected Strains of <I>Chilo suppressalis</I> (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	65
3	Effect of Lavandula angustifolia essential oil against lesser mulberry pyralid Glyphodes pyloalis Walker (Lep: Pyralidae) and identification of its major derivatives. Pesticide Biochemistry and Physiology, 2013, 107, 250-257.	1.6	63
4	The effects of Artemisia annua L. and Achillea millefolium L. crude leaf extracts on the toxicity, development, feeding efficiency and chemical activities of small cabbage Pieris rapae L. (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	56
5	A review on recent research results on bio-effects of plant essential oils against major Coleopteran insect pests. Toxin Reviews, 2015, 34, 76-91.	1.5	52
6	Virulence of four Beauveria bassiana (Balsamo) (Asc., Hypocreales) isolates on rose sawfly, Arge rosae under laboratory condition. Journal of King Saud University - Science, 2015, 27, 49-53.	1.6	51
7	A juvenile hormone analog, pyriproxifen, affects some biochemical components in the hemolymph and fat bodies of Eurygaster integriceps Puton (Hemiptera: Scutelleridae). Pesticide Biochemistry and Physiology, 2011, 100, 289-298.	1.6	49
8	Effect of Artemisia Annua L. On Deterrence and Nutritional Efficiency Of Lesser Mulberry Pyralid (Glyphodes Pylolais Walker) (lepidoptera: Pyralidae). Journal of Plant Protection Research, 2010, 50, 423-428.	1.0	48
9	Effect of Neem Pesticide (Achook) on Midgut Enzymatic Activities and Selected Biochemical Compounds in the Hemolymph of Lesser Mulberry Pyralid, Glyphodes Pyloalis Walker (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	48
10	Toxicity and physiological effects of ajwain (Carum copticum, Apiaceae) essential oil and its major constituents against Tuta absoluta (Meyrick) (Lepidoptera: Gelechiidae). Chemosphere, 2020, 256, 127103.	4.2	48
11	Effect of heavy metals (Cd, Cu, and Zn) on feeding indices and energy reserves of the cotton boll worm Helicoverpa armigera HÃ¼bner (Lepidoptera: Noctuidae). Journal of Plant Protection Research, 2014, 54, 367-373.	1.0	46
12	Effect of Thymus vulgaris L. and Origanum vulgare L. essential oils on toxicity, food consumption, and biochemical properties of lesser mulberry pyralid Glyphodes pyloalis Walker (Lepidoptera: Pyralidae). Journal of Plant Protection Research, 2014, 54, 53-61.	1.0	34
13	Effect of Sweet WormwoodArtemisia annuaCrude Leaf Extracts on Some Biological and Physiological Characteristics of the Lesser Mulberry Pyralid,Glyphodes pyloalis. Journal of Insect Science, 2011, 11, 1-13.	0.6	31
14	Efficacy of Nanoencapsulated Thymus eriocalyx and Thymus kotschyanus Essential Oils by a Mesoporous Material MCM-41 Against Tetranychus urticae (Acari: Tetranychidae). Journal of Economic Entomology, 2017, 110, 2413-2420.	0.8	30
15	Toxicity, development and physiological effect of Thymus vulgaris and Lavandula angustifolia essential oils on Xanthogaleruca luteola (Coleoptera: Chrysomelidae). Journal of King Saud University - Science, 2013, 25, 349-355.	1.6	26
16	Effect of Artemisia annua L. essential oil on toxicity, enzyme activities, and energy reserves of cotton bollworm Helicoverpa armigera (HÃ¼bner) (Lepidoptera: Noctuidae). Journal of Plant Protection Research, 2015, 55, 371-377.	1.0	26
17	Evaluation of Origanum vulgare L. essential oil as a source of toxicant and an inhibitor of physiological parameters in diamondback moth, Plutella xylustella L. (Lepidoptera: Pyralidae). Journal of the Saudi Society of Agricultural Sciences, 2017, 16, 184-190.	1.0	25
18	Effect of Polygonum persicaria (Polygonales: Polygonaceae) Extracted Agglutinin on Life Table and Antioxidant Responses in Helicoverpa armigera (Lepidoptera: Noctuidae) Larvae. Journal of Economic Entomology, 2018, 111, 662-671.	0.8	24

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19	Biology and demography of Glyphodes pyloalis Walker (Lepidoptera: Pyralidae) on mulberry. Journal of Asia-Pacific Entomology, 2010, 13, 273-276.	0.4	21
20	Effect of essential oils fromCallistemon viminalisandFerula gummosaon toxicity and on the hemocyte profile ofEphestia kuehniella(Lep.: Pyralidae). Archives of Phytopathology and Plant Protection, 2014, 47, 268-278.	0.6	20
21	Pathogenicity of Beauveria bassiana to fall webworm (HyphanÂtria cunea) (Lepidoptera: Arctiidae) on different host plants. Plant Protection Science, 2013, 49, 169-176.	0.7	19
22	A trypsinâ€like protease in rice green semiâ€looper, Naranga aenescens moore (lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 78, 1-16.	0.6	17
23	Effects of an extracted lectin from Citrullus colocynthis L. (Cucurbitaceae) on survival, digestion and energy reserves of Ectomyelois ceratoniae Zeller (Lepidoptera: Pyralidae). Frontiers in Physiology, 2013, 4, 328.	1.3	17
24	Toxicity and deleterious effects of Artemisia annua essential oil extracts on mulberry pyralid (Glyphodes pyloalis). Pesticide Biochemistry and Physiology, 2020, 170, 104702.	1.6	17
25	Chemical composition, insecticidal and physiological effect of methanol extract of sweet wormwood (Artemisia annuaL.) onHelicoverpa armigera(HÃ¼bner) (Lepidoptera: Noctuidae). Toxin Reviews, 2016, 35, 106-115.	1.5	16
26	Toxicity and physiological effects of an extracted lectin from Polygonum persicaria L. on Helicoverpa armigera (HÃ¼bner) (Lepidoptera: Noctuidae). Physiological and Molecular Plant Pathology, 2018, 101, 38-44.	1.3	15
27	Mulberry Protection through Flowering-Stage Essential Oil of Artemisia annua against the Lesser Mulberry Pyralid, Glyphodes pyloalis Walker. Foods, 2021, 10, 210.	1.9	15
28	Toxicity and phytochemical profile of essential oil from IranianAchillea mellifoliumL. againstTetranychus urticaeKoch (Acari: Tetranychidae). Toxin Reviews, 2016, 35, 24-28.	1.5	14
29	Effect of Milk Thistle,Silybium marianum, Extract on Toxicity, Development, Nutrition, and Enzyme Activities of the Small White Butterfly,Pieris rapae. Journal of Insect Science, 2013, 13, 1-10.	0.9	13
30	Chemical Composition of Essential Oil fromZhumeria majdaeRech. F. & Wendelbo and its Bioactivities AgainstTribolium castaneumHerbst (Tenebrionidae) Larvae. Journal of Essential Oil-bearing Plants: JEOP, 2014, 17, 824-831.	0.7	13
31	Characterization of a Digestive Î±-Amylase in the Midgut of Pieris brassicae L. (Lepidoptera: Pieridae). Frontiers in Physiology, 2016, 7, 96.	1.3	12
32	Foraging efficiency of Lysiphlebus fabarum Marshall (Hymenoptera: Aphidiidae) parasitizing the black bean aphid, Aphis fabae Scopoli (Hemiptera: Aphididae), under laboratory conditions. Journal of Asia-Pacific Entomology, 2010, 13, 111-116.	0.4	11
33	Chemical Composition and Acaricidal Effects of Essential Oils ofFoeniculum vulgareMill. (Apiales: Apiaceae) andLavandula angustifoliaMiller (Lamiales: Lamiaceae) againstTetranychus urticaeKoch (Acari: Tetranychidae). Psyche: Journal of Entomology, 2014, 2014, 1-6.	0.4	11
34	Immune and metabolic responses of Chilo suppressalis Walker (Lepidoptera: Crambidae) larvae to an insect growth regulator, hexaflumuron. Pesticide Biochemistry and Physiology, 2015, 125, 69-77.	1.6	11
35	Feeding indices and enzymatic activities of carob moth Ectomyelois ceratoniae (Zeller) (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Ove of Agricultural Sciences, 2015, 14, 76-82.	1.0	11
36	Acaricidal Potentials of the Terpene-rich Essential Oils of Two Iranian <i>Eucalyptus</i> Species against <i>Tetranychus urticae</i> Koch. Journal of Oleo Science, 2017, 66, 307-314.	0.6	11

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37	Enzymatic properties of Î±-amylase in the midgut and the salivary glands of mulberry moth, GlyphodesÂpyloalis Walker (Lepidoptera: Pyralidae). Comptes Rendus - Biologies, 2010, 333, 17-22.	0.1	10
38	Characterization of esterases from abamectin-resistant and susceptible strains ofTetranychus urticaeKoch (Acari: Tetranychidae). International Journal of Acarology, 2011, 37, 271-281.	0.3	10
39	Encapsulation of Eucalyptus largiflorens Essential Oil by Mesoporous Silicates for Effective Control of the Cowpea Weevil, Callosobruchus maculatus (Fabricius) (Coleoptera: Chrysomelidae). Molecules, 2022, 27, 3531.	1.7	10
40	Purification and characterization of a digestive lipase in the midgut ofEctomyelois ceratoniaeZeller (Lepidoptera: Pyralidae). Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences, 2015, 8, 64-70.	1.1	9
41	Toxicity and Physiological Effect of Essential Oil of Artemisia Annua (Labiatae) on Agriolimax Agrestis L. (Stylommatophora: Limacidae). Journal of Plant Protection Research, 2012, 52, 185-189.	1.0	8
42	Inhibition of Digestive Î±-Amylases from Chilo Suppressalis Walker (Lepidoptera: Crambidae) by a Proteinaceous Extract of Citrullus Colocynthis L. (Cucurbitaceae). Journal of Plant Protection Research, 2013, 53, 195-202.	1.0	8
43	A TRYPSINâ€LIKE PROTEINASE IN THE MIDGUT OF Ectomyelois ceratoniae ZELLER (LEPIDOPTERA:) Tj ETQq1 1 0.784314 rgBT /O Biochemistry and Physiology, 2014, 85, 1-12.	0.6	8
44	External morphology and calling song characteristics in Tibicen plebejus (Hemiptera: Cicadidae). Comptes Rendus - Biologies, 2015, 338, 103-111.	0.1	8
45	Effects of age and host availability on reproduction of Trioxys angelicae Haliday (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 33-39.	1.9	7
46	Life table parameters and biological characteristics ofApomyelois ceratoniaeZeller (Lepidoptera: Pyralidae) on three cultivars of pomegranate. Archives of Phytopathology and Plant Protection, 2013, 46, 766-773.	0.6	7
47	Effect ofSatureja hortensisL. essential oil on feeding efficiency and biochemical properties ofGlyphodes pyloalisWalker (Lepidoptera: Pyralidae). Archives of Phytopathology and Plant Protection, 2013, 46, 328-339.	0.6	7
48	Effects of various host plants on nutritional indices and some biochemical compounds in green oak leaf roller, Tortrix viridana L. (Lepidoptera: Tortricidae). Journal of Entomological and Acarological Research, 2015, 47, 98.	0.3	7
49	Methanolic Extract of Winter Cherry Causes Morpho-Histological and Immunological Ailments in Mulberry Pyralid Glyphodes pyloalis. Frontiers in Physiology, 2020, 11, 908.	1.3	7
50	Acaricidal, Insecticidal, and Nematicidal Efficiency of Essential Oils Isolated from the Satureja Genus. International Journal of Environmental Research and Public Health, 2021, 18, 6050.	1.2	7
51	Chemical composition and bio-pesticidal values of essential oil isolated from the seed of Heracleum persicum Desf. ex Fischer (Apiaceae). Spanish Journal of Agricultural Research, 2014, 12, 1166.	0.3	7
52	Immunoliogical Responses of Hyphantria Cunea (Drury) (Lepidoptera: Arctiidae) to Entomopathogenic Fungi, Beauveria Bassiana (Bals.-Criy) and Isaria Farinosae (Holmsk.) Fr.. Journal of Plant Protection Research, 2013, 53, 110-118.	1.0	6
53	Changes in immune responses of Helicoverpa armigera HÃ¼bner followed by feeding on Knotgrass, Polygonum persicaria agglutinin. Archives of Insect Biochemistry and Physiology, 2019, 101, e21543.	0.6	6
54	The effects of BmNPV on biochemical changes in primary cultures of Bombyx mori embryonic tissue. In Vitro Cellular and Developmental Biology - Animal, 2008, 44, 121-127.	0.7	5

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55	Effect of four varieties of mulberry on biochemistry and nutritional physiology of mulberry pyralid, Glyphodes pyloalis Walker (Lepidoptera: Pyralidae). Journal of Entomological and Acarological Research, 2014, 46, 42.	0.3	5
56	Haplotype diversity of mtCOI in the fall webworm Hyphantria cunea (Lepidoptera: Arctiidae) in introduced regions in China, Iran, Japan, Korea, and its homeland, the United States. Applied Entomology and Zoology, 2017, 52, 401-406.	0.6	5
57	Developing an Ephestia kuehniella Hemocyte Cell Line to Assess the Bio-Insecticidal Potential of Microencapsulated Helicoverpa armigera Nucleopolyhedrovirus Against Cotton Bollworm (Lepidoptera: Noctuidae) Larva. Journal of Economic Entomology, 2020, 113, 2086-2095.	0.8	5
58	Effects of the Agglutinins Extracted FromRhizoctonia solani(Cantharellales:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (Cerato 2016, 109, 1132-1140.	0.8	4
59	Can Feeding of Silkworm on Different Mulberry Variety Affect Its Performance?. Journal of Economic Entomology, 2019, 113, 281-287.	0.8	4
60	Biologically active toxin identified from Artemisia annua against lesser mulberry pyralid, Glyphodes pyloalis. Toxin Reviews, 2020, , 1-9.	1.5	4
61	Effect of Citrullus colocynthis (Cucurbitaceae) agglutinin on the life table parameters of Apomyelois ceratoniae (Lepidoptera: Pyralidae). Journal of Crop Protection, 2015, 5, 19-31.	0.5	4
62	Toxicity and physiological effects of diallyl sulfide and dialyl disulfide on Tuta absoluta Meyrick. Physiological and Molecular Plant Pathology, 2021, 116, 101741.	1.3	4
63	Proteolytic Activity in the Midgut of the Crimson Speckled Moth Utethesia Pulchella L. (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	3
64	Biochemical characterization of Î±- and Î²-glucosidases in alimentary canal, salivary glands and haemolymph of the rice green caterpillar, Naranga aenescens M. (Lepidoptera: Noctuidae). Biologia (Poland), 2012, 67, 1186-1194.	0.8	3
65	Digestive proteases of Papilio demoleus : Compartmentalization and characterization. Phytoparasitica, 2014, 42, 121-133.	0.6	3
66	Changes in cellular immune responses of Chilo suppressalis Walker (Lepidoptera: Crambidae) due to pyriproxyfen treatment. Journal of Plant Protection Research, 2015, 55, 287-293.	1.0	3
67	Hemocytes of the Rose Sawfly Arge ochropus (Gmelin) (Hymenoptera: Argidae). Neotropical Entomology, 2016, 45, 58-65.	0.5	3
68	The sweet wormwood essential oil and its two major constituents are promising for a safe control measure against fall webworm. Pesticide Biochemistry and Physiology, 2022, 184, 105124.	1.6	3
69	Differences in nutrient uptake between the fat body and embryonic primary cultures of silkworm (Bombyx mori). Insect Science, 2006, 13, 19-24.	1.5	2
70	Life table parameters of Glyphodes pyloalis Walker (Lep.: Pyralidae) on four varieties of mulberry Morus alba L. (Moraceae). Journal of Asia-Pacific Entomology, 2015, 18, 315-320.	0.4	2
71	Biochemical characterization a digestive trypsin in the midgut of large cabbage white butterfly, Pieris brassicae L. (Lepidoptera: Pieridae). Bulletin of Entomological Research, 2018, 108, 501-509.	0.5	2
72	Influence of gibberellic acid on life table parameters of Helicoverpa armigera HÃ¼bner (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	2

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73	Antifeedant and cytotoxic activity of gibberellic acid against Helicoverpa armigera (HÃ¼bner) (Lepidoptera: Noctuidae). Physiological Entomology, 2019, 44, 169-176.	0.6	2
74	Mulberry pyralid haemocyts, a structural and functional study. International Journal of Tropical Insect Science, 2021, 41, 75-84.	0.4	2
75	Recent Developments in Controlling Insect, Acari, Nematode, and Plant Pathogens of Agricultural and Medical Importance by Artemisia annua L. (Asteraceae). , 2014, , 229-247.		2
76	Ovicidal and Physiological Effects of Essential Oils Extracted from Six Medicinal Plants on the Elm Leaf Beetle, Xanthogaleruca luteola (Mull.). Agronomy, 2021, 11, 2015.	1.3	2
77	Suitability of Aphis gossypii Glover, Aphis fabae Scop. and Ephestia kuehniella Zeller eggs for the biology and life-table parameters of Adalia decempunctata (L.) (Coleoptera: Coccinellidae). Archives of Biological Sciences, 2018, 70, 737-747.	0.2	2
78	Effect of Citrullus colocynthis L. (Cucurbitaceae) agglutinin on gene expression of caspases in Ectomyelois ceratoniae Zeller (Lepidoptera: Crambidae). Journal of Entomological and Acarological Research, 2016, 48, 304.	0.3	1
79	Investigation on endosymbionts of Mediterranean flour moth gut and studying their role in physiology and biology. Journal of Stored Products Research, 2018, 75, 10-17.	1.2	1
80	Insecticidal and morpho-physiological disorders caused by Thymus vulgaris L. essential oil on the elm leaf beetle, Xanthogaleruca luteola MÃ¼ller (Coleoptera: Chrysomelidae). Archives of Phytopathology and Plant Protection, 2020, 53, 765-780.	0.6	1
81	Semi-field demographic performance of the invasive planthopper, Orosanga japonica (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	1
82	Effects ofRhizoctonia solaniAgglutinins on Intermediary Metabolism ofPieris brassicae(Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	1
83	Calling song structure of Cicada orni Linnaeus (Hemiptera: Cicadidae) in Iran: A comparative study with other areas. Journal of Crop Protection, 2016, 5, 251-257.	0.5	1
84	Hemocytic cell line from the moth Glyphodes pyloalis (Lepidoptera: Crambidae) response to essential oils from Artemisia annua (Asterales: Asteraceae). In Vitro Cellular and Developmental Biology - Animal, 2022, 58, 14-20.	0.7	1
85	Releasing Digestive Enzymes by Brain Peptides in the Larvae of Pieris brassicae L. (Lepidoptera: Pieridae). Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 345-351.	0.4	0