

Abdel-Tawab H Mossa

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,759
citations

331259

21
h-index

288905

40
g-index

61
all docs

61
docs citations

61
times ranked

2136
citing authors

#	ARTICLE	IF	CITATIONS
1	Green Pesticides: Essential Oils as Biopesticides in Insect-pest Management. Journal of Environmental Science and Technology, 2016, 9, 354-378.	0.3	220
2	Oxidative damage, biochemical and histopathological alterations in rats exposed to chlorpyrifos and the antioxidant role of zinc. Pesticide Biochemistry and Physiology, 2010, 96, 14-23.	1.6	207
3	Lipid peroxidation and oxidative stress in rat erythrocytes induced by chlorpyrifos and the protective effect of zinc. Pesticide Biochemistry and Physiology, 2009, 93, 34-39.	1.6	168
4	Sub-chronic exposure to fipronil induced oxidative stress, biochemical and histopathological changes in the liver and kidney of male albino rats. Toxicology Reports, 2015, 2, 775-784.	1.6	101
5	Safety of Natural Insecticides: Toxic Effects on Experimental Animals. BioMed Research International, 2018, 2018, 1-17.	0.9	78
6	Free radical scavenging and antiacetylcholinesterase activities of <i>Origanum majorana</i> L. essential oil. Human and Experimental Toxicology, 2011, 30, 1501-1513.	1.1	67
7	Formulation and characterization of garlic (<i>Allium sativum</i> L.) essential oil nanoemulsion and its acaricidal activity on eriophyid olive mites (Acari: Eriophyidae). Environmental Science and Pollution Research, 2018, 25, 10526-10537.	2.7	48
8	Effects of methomyl on lipid peroxidation and antioxidant enzymes in rat erythrocytes: In vitro studies. Toxicology and Industrial Health, 2009, 25, 557-563.	0.6	47
9	Amelioration of Prallethrin-Induced Oxidative Stress and Hepatotoxicity in Rat by the Administration of <i>Origanum majorana</i> Essential Oil. BioMed Research International, 2013, 2013, 1-11.	0.9	46
10	Synthesis and evaluation of artesunate-indoloquinoline hybrids as antimalarial drug candidates. MedChemComm, 2014, 5, 927-931.	3.5	44
11	Effect of Exposure to Mixture of Four Organophosphate Insecticides at No Observed Adverse Effect Level Dose on Rat Liver: The Protective Role of Vitamin C. Research Journal of Environmental Toxicology, 2011, 5, 323-335.	1.0	44
12	Adverse effects of lactational exposure to chlorpyrifos in suckling rats. Human and Experimental Toxicology, 2010, 29, 77-92.	1.1	43
13	Adverse effects of exposure to low doses of chlorpyrifos in lactating rats. Toxicology and Industrial Health, 2011, 27, 213-224.	0.6	38
14	<i>Mentha spicata</i> essential oil nanoformulation and its larvicidal application against <i>Culex pipiens</i> and <i>Musca domestica</i> . Industrial Crops and Products, 2020, 157, 112944.	2.5	38
15	Hepatoprotective Efficacy of <i>Cichorium intybus</i> L. Extract Against Carbon Tetrachloride-induced Liver Damage in Rats. Journal of Dietary Supplements, 2016, 13, 570-584.	1.4	37
16	Nanoemulsion of Camphor (<i>Eucalyptus globulus</i>) Essential Oil, Formulation, Characterization and Insecticidal Activity against Wheat Weevil, <i>Sitophilus granarius</i> . Asian Journal of Crop Science, 2017, 9, 50-62.	0.2	36
17	Antioxidant activity and hepatoprotective potential of <i>Cedrelopsis grevei</i> on cypermethrin induced oxidative stress and liver damage in male mice. BMC Complementary and Alternative Medicine, 2015, 15, 251.	3.7	30
18	Protective Effect of Ethanolic Extract of Grape Pomace against the Adverse Effects of Cypermethrin on Weanling Female Rats. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10.	0.5	26

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19	Oxidative Damage and Reproductive Toxicity Associated with Cyromazine and Chlorpyrifos in Male Rats: The Protective Effects of Green Tea Extract. <i>Research Journal of Environmental Toxicology</i> , 2014, 8, 53-67.	1.0	24
20	Adverse Haematological and Biochemical Effects of Certain Formulated Insecticides in Male Rats. <i>Research Journal of Environmental Toxicology</i> , 2012, 6, 160-168.	1.0	23
21	Cyromazine and Chlorpyrifos Induced Renal Toxicity in Rats: The Ameliorated Effects of Green Tea Extract. , 2012, 02, .		23
22	Physiological and histopathological changes in the liver of male rats exposed to paracetamol and diazinon. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S1683-S1690.	0.5	22
23	Development of eco-friendly nanoemulsions of some natural oils and evaluating of its efficiency against postharvest fruit rot fungi of cucumber. <i>Industrial Crops and Products</i> , 2021, 159, 113049.	2.5	22
24	Haemato-biochemical Effects of Formulated and Technical Cypermethrin and Deltamethrin Insecticides in Male Rats. <i>Journal of Pharmacology and Toxicology</i> , 2012, 7, 312-321.	0.4	19
25	Oxidative damage and nephrotoxicity induced by prallethrin in rat and the protective effect of <i>Origanum majorana</i> essential oil. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S506-S513.	0.4	18
26	Adverse biochemical effects of various pesticides on sprayers of cotton fields in El-Behira Governorate, Egypt. <i>Biomedicine and Aging Pathology</i> , 2014, 4, 251-256.	0.8	18
27	Lactational exposure to abamectin induced mortality and adverse biochemical and histopathological effects in suckling pups. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10150-10165.	2.7	16
28	Anticoagulation, fibrinolytic and the cytotoxic activities of sulfated hemicellulose extracted from rice straw and husk. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 15, 86-91.	1.5	16
29	Lipid peroxidation and oxidative stress in rat erythrocytes induced by aspirin and diazinon: the protective role of selenium. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, S603-S609.	0.5	15
30	Antimutagenic Effect of <i>Origanum majorana</i> L. Essential Oil Against Prallethrin-Induced Genotoxic Damage in Rat Bone Marrow Cells. <i>Journal of Medicinal Food</i> , 2013, 16, 1101-1107.	0.8	14
31	Herbal syrup from chicory and artichoke leaves ameliorate liver damage induced by deltamethrin in weanling male rats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7672-7682.	2.7	14
32	Synthesis of some new 1,2,4-triazoles containing oily moiety and evaluation of their antimicrobial and antioxidant activities. <i>Monatshefte für Chemie</i> , 2017, 148, 291-304.	0.9	13
33	Over-gene expression in the apoptotic, oxidative damage and liver injure in female rats exposed to butralin. <i>Environmental Science and Pollution Research</i> , 2020, 27, 31383-31393.	2.7	11
34	Synthesis and Antioxidant Activity of New Pyridines Containing Gallate Moieties. <i>Archiv Der Pharmazie</i> , 2010, 343, 528-534.	2.1	10
35	Protective Effects of Vitamin C against Methomyl-Induced Injures on the Testicular Antioxidant Status and Apoptosis-Related Gene Expression in Rat. , 2014, 05, .		10
36	In utero exposure to organochlorine pesticide residues and their potential impact on birth outcomes and fetal gender. <i>Environmental Science and Pollution Research</i> , 2020, 27, 33703-33711.	2.7	10

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37	Eco-friendly larvicide of <i>Amphora coffeaeformis</i> and <i>Scenedesmus obliquus</i> microalgae extracts against <i>Culex pipiens</i> . <i>Journal of Applied Phycology</i> , 2021, 33, 2683-2693.	1.5	10
38	Sulfated Cellulose from Agriculture Wastes, Anticoagulant, Fibrinolytic and Toxicological Studies. <i>Journal of Environmental Science and Technology</i> , 2014, 7, 266-280.	0.3	10
39	Ameliorating Effect of Zinc Against Oxidative Stress and Lipid Peroxidation Induced by Fipronil in Male Rats. <i>Journal of Pharmacology and Toxicology</i> , 2016, 12, 24-32.	0.4	10
40	Chemistry of Phosphorus Ylides. Part 47. Synthesis of Organophosphorus and Selenium Pyrazolone Derivatives, Their Antioxidant Activity, and Cytotoxicity against MCF7 and HepG2. <i>Russian Journal of General Chemistry</i> , 2020, 90, 2356-2364.	0.3	10
41	Novel Synthesis and Biological Evaluation of the First Pyrazole Thioglycosides as Pyrazofurin Analogues. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2019, 38, 183-202.	0.4	8
42	Antioxidant Potential and Hepatoprotective Activity of <i>Origanum majorana</i> Leaves Extract against Oxidative Damage and Hepatotoxicity Induced by Pirimiphos-Methyl in Male Mice. <i>Journal of Applied Sciences</i> , 2014, 15, 69-79.	0.1	8
43	Protective Effect of a Synthetic Antioxidant Acetyl Gallate Derivative Against Dimethoate Induced DNA Damage and Oxidant/Antioxidant Status in Male Rats. , 2012, 02, .		7
44	Impact of Oxidative Stress and Lipid Peroxidation Induced by Lambda-cyhalothrin on P450 in Male Rats: The Ameliorating Effect of Zinc. , 2014, 04, .		7
45	Detoxification gene expression, genotoxicity, and hepatorenal damage induced by subacute exposure to the new pyrethroid, imiprothrin, in rats. <i>Environmental Science and Pollution Research</i> , 2021, 28, 33505-33521.	2.7	7
46	Production, characterization and immobilization of <i>Aspergillus versicolor</i> L-asparaginase onto multi-walled carbon nanotubes. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 5733-5740.	1.0	7
47	Evaluation of essential oils nanoemulsions formulations on <i>Botrytis cinerea</i> growth, pathology and grey mould incidence on cucumber fruits. <i>Bulletin of the National Research Centre</i> , 2022, 46, .	0.7	7
48	Liver damage associated with exposure to aspirin and diazinon in male rats and the ameliorative effect of selenium. <i>Biomedicine and Aging Pathology</i> , 2014, 4, 137-145.	0.8	6
49	Phenolic metabolites from <i>Acacia nilotica</i> flowers and evaluation of its free radical scavenging activity. <i>Planta Medica</i> , 2011, 77, .	0.7	6
50	Toxicity Assessment of Chlorpyrifos, Malachite Green and Tetracyclines by Microtox [®] Assay: Detoxification by Ultrasonic. <i>Journal of Environmental Science and Technology</i> , 2017, 10, 68-79.	0.3	6
51	Cytogenetic Effects of Technical and Formulated Tribenuron-methyl on Rat Bone-marrow Cells. <i>Journal of Pharmacology and Toxicology</i> , 2012, 7, 330-337.	0.4	6
52	Benchmark dose and the adverse effects of exposure to pendimethalin at low dose in female rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2022, 130, 301-319.	1.2	6
53	Heavy metal concentrations in the freshwater snail <i>Biomphalaria alexandrina</i> uninfected or infected with cercariae of <i>Schistosoma mansoni</i> and/or <i>Echinostoma liei</i> in Egypt: the potential use of this snail as a bioindicator of pollution. <i>Journal of Helminthology</i> , 2014, 88, 411-416.	0.4	4
54	Preparation and Biochemical Evaluation of Functionalized Multi-Walled Carbon Nanotubes with <i>Punica granatum</i> Extract. <i>Current Bioactive Compounds</i> , 2019, 15, 138-144.	0.2	4

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55	Sub-Acute 28-Days Oral Toxicity Study of Deltamethrin on Female Rats and the Protective Role of Moringa Tea. Trends in Applied Sciences Research, 2017, 12, 10-17.	0.4	4
56	Hepato-renal damage and oxidative stress associated with pirimiphos-methyl exposure in male mice. Oxidants and Antioxidants in Medical Science, 2014, 3, 109.	0.2	4
57	Adverse Effects of Sixty Days Sub-chronic Exposure to $\hat{2}$ -cyfluthrin on Male Rats. Journal of Environmental Science and Technology, 2016, 10, 1-12.	0.3	3
58	Future topics of common interest for EU and Egypt in food quality, safety and traceability. Quality Assurance and Safety of Crops and Foods, 2015, 7, 401-408.	1.8	1
59	Inorganic Elements Alteration in Biomphalaria alexandrina Snails Naturally Parasitized with Echinostoma liei or Schistosoma mansoni. Science International, 2013, 1, 139-143.	0.4	1
60	Journal of Environmental & Analytical Toxicology, Volume 6; Issue 5. , 2017, 07, .		0