

# Abdel-Tawab H Mossa

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57  
papers

1,189  
citations

17  
h-index

33  
g-index

60  
ext. papers

1,423  
ext. citations

2.5  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
57	Oxidative damage, biochemical and histopathological alterations in rats exposed to chlorpyrifos and the antioxidant role of zinc. <i>Pesticide Biochemistry and Physiology</i> , <b>2010</b> , 96, 14-23	4.9	159
56	Lipid peroxidation and oxidative stress in rat erythrocytes induced by chlorpyrifos and the protective effect of zinc. <i>Pesticide Biochemistry and Physiology</i> , <b>2009</b> , 93, 34-39	4.9	136
55	Green Pesticides: Essential Oils as Biopesticides in Insect-pest Management. <i>Journal of Environmental Science and Technology</i> , <b>2016</b> , 9, 354-378	0.6	136
54	Sub-chronic exposure to fipronil induced oxidative stress, biochemical and histopathological changes in the liver and kidney of male albino rats. <i>Toxicology Reports</i> , <b>2015</b> , 2, 775-784	4.8	63
53	Safety of Natural Insecticides: Toxic Effects on Experimental Animals. <i>BioMed Research International</i> , <b>2018</b> , 2018, 4308054	3	44
52	Free radical scavenging and antiacetylcholinesterase activities of Origanum majorana L. essential oil. <i>Human and Experimental Toxicology</i> , <b>2011</b> , 30, 1501-13	3.4	43
51	Effects of methomyl on lipid peroxidation and antioxidant enzymes in rat erythrocytes: in vitro studies. <i>Toxicology and Industrial Health</i> , <b>2009</b> , 25, 557-63	1.8	42
50	Synthesis and evaluation of artesunate- $\beta$ -hydroquinoline hybrids as antimalarial drug candidates. <i>MedChemComm</i> , <b>2014</b> , 5, 927-931	5	37
49	Adverse effects of lactational exposure to chlorpyrifos in suckling rats. <i>Human and Experimental Toxicology</i> , <b>2010</b> , 29, 77-92	3.4	37
48	Amelioration of prallethrin-induced oxidative stress and hepatotoxicity in rat by the administration of Origanum majorana essential oil. <i>BioMed Research International</i> , <b>2013</b> , 2013, 859085	3	34
47	Formulation and characterization of garlic ( <i>Allium sativum</i> L.) essential oil nanoemulsion and its acaricidal activity on eriophyid olive mites (Acari: Eriophyidae). <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 10526-10537	5.1	32
46	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. <i>Research Journal of Environmental Toxicology</i> , <b>2011</b> , 5, 323-335	0.5	31
45	Adverse effects of exposure to low doses of chlorpyrifos in lactating rats. <i>Toxicology and Industrial Health</i> , <b>2011</b> , 27, 213-24	1.8	28
44	Nanoemulsion of Camphor ( <i>Eucalyptus globulus</i> ) Essential Oil, Formulation, Characterization and Insecticidal Activity against Wheat Weevil, <i>Sitophilus granarius</i> . <i>Asian Journal of Crop Science</i> , <b>2017</b> , 9, 50-62	0.3	25
43	Antioxidant activity and hepatoprotective potential of <i>Cedrelopsis grevei</i> on cypermethrin induced oxidative stress and liver damage in male mice. <i>BMC Complementary and Alternative Medicine</i> , <b>2015</b> , 15, 251	4.7	22
42	Hepatoprotective Efficacy of <i>Cichorium intybus</i> L. Extract Against Carbon Tetrachloride-induced Liver Damage in Rats. <i>Journal of Dietary Supplements</i> , <b>2016</b> , 13, 570-84	2.3	22
41	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> , <b>2014</b> , 8, 53-67	0.5	17

40	Protective Effect of Ethanolic Extract of Grape Pomace against the Adverse Effects of Cypermethrin on Weanling Female Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 381919	2.3	15
39	Physiological and histopathological changes in the liver of male rats exposed to paracetamol and diazinon. <i>Asian Pacific Journal of Tropical Biomedicine</i> , <b>2012</b> , 2, S1683-S1690	1.4	15
38	Adverse Haematological and Biochemical Effects of Certain Formulated Insecticides in Male Rats. <i>Research Journal of Environmental Toxicology</i> , <b>2012</b> , 6, 160-168	0.5	15
37	Lactational exposure to abamectin induced mortality and adverse biochemical and histopathological effects in suckling pups. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 10150 <sup>5</sup> 10165 <sup>13</sup>		
36	Adverse biochemical effects of various pesticides on sprayers of cotton fields in El-Behira Governorate, Egypt. <i>Biomedicine and Aging Pathology</i> , <b>2014</b> , 4, 251-256		13
35	Oxidative damage and nephrotoxicity induced by prallethrin in rat and the protective effect of Origanum majorana essential oil. <i>Asian Pacific Journal of Tropical Medicine</i> , <b>2014</b> , 7S1, S506-13	2.1	13
34	Haemato-biochemical Effects of Formulated and Technical Cypermethrin and Deltamethrin Insecticides in Male Rats. <i>Journal of Pharmacology and Toxicology</i> , <b>2012</b> , 7, 312-321	0.4	13
33	Mentha spicata essential oil nanoformulation and its larvicidal application against Culex pipiens and Musca domestica. <i>Industrial Crops and Products</i> , <b>2020</b> , 157, 112944	5.9	13
32	Antimutagenic effect of Origanum majorana L. essential oil against prallethrin-induced genotoxic damage in rat bone marrow cells. <i>Journal of Medicinal Food</i> , <b>2013</b> , 16, 1101-7	2.8	12
31	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> , <b>2014</b> , 4, S603-S609	1.4	12
30	Anticoagulation, fibrinolytic and the cytotoxic activities of sulfated hemicellulose extracted from rice straw and husk. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2018</b> , 15, 86-91	4.2	12
29	Cyromazine and Chlorpyrifos Induced Renal Toxicity in Rats: The Ameliorated Effects of Green Tea Extract <b>2012</b> , 02,		11
28	Herbal syrup from chicory and artichoke leaves ameliorate liver damage induced by deltamethrin in weanling male rats. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 7672-7682	5.1	8
27	Novel Synthesis and Biological Evaluation of the First Pyrazole Thioglycosides as Pyrazofurin Analogues. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2019</b> , 38, 183-202	1.4	7
26	Over-gene expression in the apoptotic, oxidative damage and liver injure in female rats exposed to butralin. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 31383-31393	5.1	7
25	Protective Effects of Vitamin C against Methomyl-Induced Injures on the Testicular Antioxidant Status and Apoptosis-Related Gene Expression in Rat <b>2014</b> , 05,		7
24	Synthesis and antioxidant activity of new pyridines containing gallate moieties. <i>Archiv Der Pharmazie</i> , <b>2010</b> , 343, 528-34	4.3	7
23	Sulfated Cellulose From Agriculture Wastes, Anticoagulant, Fibrinolytic and Toxicological Studies. <i>Journal of Environmental Science and Technology</i> , <b>2014</b> , 7, 266-280	0.6	7

22	Ameliorating Effect of Zinc Against Oxidative Stress and Lipid Peroxidation Induced by Fipronil in Male Rats. <i>Journal of Pharmacology and Toxicology</i> , <b>2016</b> , 12, 24-32	0.4	7
21	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> , <b>2021</b> , 159, 113049	5.9	7
20	Synthesis of some new 1,2,4-triazoles containing oyl moiety and evaluation of their antimicrobial and antioxidant activities. <i>Monatshefte Für Chemie</i> , <b>2017</b> , 148, 291-304	1.4	6
19	Impact of Oxidative Stress and Lipid Peroxidation Induced by Lambdacyhalothrin on P450 in Male Rats: The Ameliorating Effect of Zinc <b>2014</b> , 04,		6
18	Antioxidant Potential and Hepatoprotective Activity of Origanum majorana Leaves Extract against Oxidative Damage and Hepatotoxicity Induced by Pirimiphos-Methyl in Male Mice. <i>Journal of Applied Sciences</i> , <b>2014</b> , 15, 69-79	0.3	6
17	In utero exposure to organochlorine pesticide residues and their potential impact on birth outcomes and fetal gender. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 33703-33711	5.1	5
16	Production, characterization and immobilization of Aspergillus versicolor L-asparaginase onto multi-walled carbon nanotubes. <i>Biointerface Research in Applied Chemistry</i> , <b>2020</b> , 10, 5733-5740	2.8	5
15	Liver damage associated with exposure to aspirin and diazinon in male rats and the ameliorative effect of selenium. <i>Biomedicine and Aging Pathology</i> , <b>2014</b> , 4, 137-145		4
14	Protective Effect of a Synthetic Antioxidant Acetyl Gallate Derivative Against Dimethoate Induced DNA Damage and Oxidant/Antioxidant Status in Male Rats <b>2012</b> , 02,		4
13	Toxicity Assessment of Chlorpyrifos, Malachite Green and Tetracyclines by Microtox Assay: Detoxification by Ultrasonic. <i>Journal of Environmental Science and Technology</i> , <b>2017</b> , 10, 68-79	0.6	4
12	Cytogenetic Effects of Technical and Formulated Tribenuron-methyl on Rat Bone-marrow Cells. <i>Journal of Pharmacology and Toxicology</i> , <b>2012</b> , 7, 330-337	0.4	4
11	Heavy metal concentrations in the freshwater snail Biomphalaria alexandrina uninfected or infected with cercariae of Schistosoma mansoni and/or Echinostoma liei in Egypt: the potential use of this snail as a bioindicator of pollution. <i>Journal of Helminthology</i> , <b>2014</b> , 88, 411-6	1.6	3
10	Sub-Acute 28-Days Oral Toxicity Study of Deltamethrin on Female Rats and the Protective Role of Moringa Tea. <i>Trends in Applied Sciences Research</i> , <b>2017</b> , 12, 10-17	0.3	3
9	Hepato-renal damage and oxidative stress associated with pirimiphos-methyl exposure in male mice. <i>Oxidants and Antioxidants in Medical Science</i> , <b>2014</b> , 3, 109	0	3
8	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> , <b>2020</b> , 90, 2356-2364	0.7	3
7	Adverse Effects of Sixty Days Sub-chronic Exposure to Elyfluthrin on Male Rats. <i>Journal of Environmental Science and Technology</i> , <b>2016</b> , 10, 1-12	0.6	3
6	Preparation and Biochemical Evaluation of Functionalized Multi-Walled Carbon Nanotubes with Punica granatum Extract. <i>Current Bioactive Compounds</i> , <b>2019</b> , 15, 138-144	0.9	2
5	Phenolic metabolites from Acacia nilotica flowers and evaluation of its free radical scavenging activity. <i>Planta Medica</i> , <b>2011</b> , 77,	3.1	2

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| 4 | 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> , <b>2021</b> , 28, 33505 | 5.1 | 2 |
| 3 | 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> , <b>2021</b> , 33, 2683-2693                  | 3.2 | 2 |
| 2 | Future topics of common interest for EU and Egypt in food quality, safety and traceability. <i>Quality Assurance and Safety of Crops and Foods</i> , <b>2015</b> , 7, 401-408  | 1.5 |   |
| 1 | Inorganic Elements Alteration in <i>Biomphalaria alexandrina</i> Snails Naturally Parasitized with <i>Echinostoma liei</i> or <i>Schistosoma mansoni</i> . <i>Science International</i> , <b>2013</b> , 1, 139-143           |     |   |