

Osama M Ahmed

List of Publications by Year in descending order

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63
papers

2,314
citations

257450

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h-index

223800

46
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64
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64
docs citations

64
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3393
citing authors

#	ARTICLE	IF	CITATIONS
1	Quercetin and naringenin abate diethylnitrosamine/acetylaminofluorene-induced hepatocarcinogenesis in Wistar rats: the roles of oxidative stress, inflammation and cell apoptosis. <i>Drug and Chemical Toxicology</i> , 2022, 45, 262-273.	2.3	39
2	The Antidiabetic Effects and Modes of Action of the <i>Balanites aegyptiaca</i> Fruit and Seed Aqueous Extracts in NA/STZ-Induced Diabetic Rats. <i>Pharmaceutics</i> , 2022, 14, 263.	4.5	14
3	Thyme Oil and Thymol Counter Doxorubicin-Induced Hepatotoxicity via Modulation of Inflammation, Apoptosis, and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	4.0	10
4	Isatin Counteracts Diethylnitrosamine/2-Acetylaminofluorene-Induced Hepatocarcinogenesis in Male Wistar Rats by Upregulating Anti-Inflammatory, Antioxidant, and Detoxification Pathways. <i>Antioxidants</i> , 2022, 11, 699.	5.1	13
5	Effect of mandarin peel extract on experimentally induced arthritis in male rats. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 136-147.	2.1	4
6	<i>Musa paradisiaca</i> L. leaf and fruit peel hydroethanolic extracts improved the lipid profile, glycemic index and oxidative stress in nicotinamide/streptozotocin-induced diabetic rats. <i>Veterinary Medicine and Science</i> , 2021, 7, 500-511.	1.6	9
7	Platelet-Rich Plasma Ameliorates Monosodium Iodoacetate-Induced Ankle Osteoarthritis in the Rat Model via Suppression of Inflammation and Oxidative Stress. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	1.2	10
8	An Up-to-Date Review on Citrus Flavonoids: Chemistry and Benefits in Health and Diseases. <i>Current Pharmaceutical Design</i> , 2021, 27, 513-530.	1.9	22
9	The Anticancer Potential of Apigenin Via Immunoregulation. <i>Current Pharmaceutical Design</i> , 2021, 27, 479-489.	1.9	16
10	Potency of Bone Marrow-Derived Mesenchymal Stem Cells and Indomethacin in Complete Freund's Adjuvant-Induced Arthritic Rats: Roles of TNF- α , IL-10, iNOS, MMP-9, and TGF- β 1. <i>Stem Cells International</i> , 2021, 2021, 1-11.	2.5	14
11	Bee Venom: From Venom to Drug. <i>Molecules</i> , 2021, 26, 4941.	3.8	37
12	Naringin and Hesperidin Counteract Diclofenac-Induced Hepatotoxicity in Male Wistar Rats via Their Antioxidant, Anti-Inflammatory, and Antiapoptotic Activities. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	4.0	24
13	Tackling of Renal Carcinogenesis in Wistar Rats by <i>Silybum marianum</i> Total Extract, Silymarin, and Silibinin via Modulation of Oxidative Stress, Apoptosis, Nrf2, PPAR γ , NF- κ B, and PI3K/Akt Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	4.0	13
14	Combinatory Effects of Bone Marrow-Derived Mesenchymal Stem Cells and Indomethacin on Adjuvant-Induced Arthritis in Wistar Rats: Roles of IL-1 β , IL-4, Nrf-2, and Oxidative Stress. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-15.	1.2	12
15	Curcumin and Mesenchymal Stem Cells Ameliorate Ankle, Testis, and Ovary Deleterious Histological Changes in Arthritic Rats via Suppression of Oxidative Stress and Inflammation. <i>Stem Cells International</i> , 2021, 2021, 1-20.	2.5	11
16	Fabrication of facile polymeric nanocomposites based on chitosan-gr-P2-aminothiophenol for biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2649-2659.	7.5	10
17	Antidiabetic Potency, Antioxidant Effects, and Mode of Actions of <i>Citrus reticulata</i> Fruit Peel Hydroethanolic Extract, Hesperidin, and Quercetin in Nicotinamide/Streptozotocin-Induced Wistar Diabetic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-21.	4.0	67
18	Interferon lambda 4 gene polymorphisms as a predicting tool of response to hepatitis C virus genotype 4 patients treated with Sofosbuvir and Ribavirin. <i>Infection, Genetics and Evolution</i> , 2020, 86, 104606.	2.3	1

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19	Nephroprotective Effect of <i>Pleurotus ostreatus</i> and <i>Agaricus bisporus</i> Extracts and Carvedilol on Ethylene Glycol-Induced Urolithiasis: Roles of NF- κ B, p53, Bcl-2, Bax and Bak. <i>Biomolecules</i> , 2020, 10, 1317.	4.0	19
20	Toxicity, repellency and anti-cholinesterase activities of thymol-eucalyptus combinations against phenotypically resistant <i>Rhipicephalus annulatus</i> ticks. <i>Experimental and Applied Acarology</i> , 2020, 81, 265-277.	1.6	21
21	Antihyperglycemic Effects and Mode of Actions of <i>Musa paradisiaca</i> Leaf and Fruit Peel Hydroethanolic Extracts in Nicotinamide/Streptozotocin-Induced Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-15.	1.2	23
22	The potential chemotherapeutic effect of β -ionone and/or sorafenib against hepatocellular carcinoma via its antioxidant effect, PPAR- γ , FOXO-1, Ki-67, Bax, and Bcl-2 signaling pathways. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1611-1624.	3.0	12
23	Effects of Rutin and Quercetin on Doxorubicin-Induced Renocardiototoxicity in Male Wistar Rats. <i>Advances in Animal and Veterinary Sciences</i> , 2020, 8, .	0.2	7
24	Combinatory effect of hesperetin and mesenchymal stem cells on the deteriorated lipid profile, heart and kidney functions and antioxidant activity in STZ-induced diabetic rats. <i>Biocell</i> , 2020, 44, 27-29.	0.7	12
25	Thyme oil and thymol abrogate doxorubicin-induced nephrotoxicity and cardiotoxicity in Wistar rats via repression of oxidative stress and enhancement of antioxidant defense mechanisms. <i>Biocell</i> , 2020, 44, 41-53.	0.7	12
26	New Antiproliferative Cembrane Diterpenes from the Red Sea Sarcophyton Species. <i>Marine Drugs</i> , 2019, 17, 411.	4.6	18
27	Synthesis of 5-substituted 2-ylidene-1,3-thiazolidin-4-one derivatives and evaluation of their anticancer and antioxidant activities. <i>Chemistry of Heterocyclic Compounds</i> , 2019, 55, 993-1003.	1.2	1
28	Effects of enalapril and paricalcitol treatment on diabetic nephropathy and renal expressions of TNF- α , p53, caspase-3 and Bcl-2 in STZ-induced diabetic rats. <i>PLoS ONE</i> , 2019, 14, e0214349.	2.5	30
29	Efficacy of two actinomycete extracts in the amelioration of carbon tetrachloride-induced oxidative stress and nephrotoxicity in experimental rats. <i>Environmental Science and Pollution Research</i> , 2019, 26, 24010-24019.	5.3	3
30	The Preventive Effects and the Mechanisms of Action of Navel Orange Peel Hydroethanolic Extract, Naringin, and Naringenin in N-Acetyl-p-aminophenol-Induced Liver Injury in Wistar Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-19.	4.0	62
31	Quercetin and low level laser therapy promote wound healing process in diabetic rats via structural reorganization and modulatory effects on inflammation and oxidative stress. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 58-73.	5.6	77
32	Ameliorative effects of bee pollen and date palm pollen on the glycemic state and male sexual dysfunctions in streptozotocin-Induced diabetic wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 9-18.	5.6	40
33	Bee Venom and Hesperidin Effectively Mitigate Complete Freund's Adjuvant-Induced Arthritis Via Immunomodulation and Enhancement of Antioxidant Defense System. <i>Archives of Rheumatology</i> , 2018, 33, 198-212.	0.9	27
34	Hydroethanolic Extract, Naringin and Naringenin in N-Acetyl-P-aminophenol-administered Wistar Rats. <i>Advances in Animal and Veterinary Sciences</i> , 2018, 7, .	0.2	2
35	<i>Ulva lactuca</i> hydroethanolic extract suppresses experimental arthritis via its anti-inflammatory and antioxidant activities. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2017, 6, 394-408.	2.0	15
36	Navel orange peel hydroethanolic extract, naringin and naringenin have anti-diabetic potentials in type 2 diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 197-205.	5.6	113

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37	Adipokines: Potential Therapeutic Targets for Vascular Dysfunction in Type II Diabetes Mellitus and Obesity. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-11.	2.3	82
38	Ulva lactuca polysaccharides prevent Wistar rat breast carcinogenesis through the augmentation of apoptosis, enhancement of antioxidant defense system, and suppression of inflammation. <i>Breast Cancer: Targets and Therapy</i> , 2017, Volume 9, 67-83.	1.8	46
39	Cardiac and testicular toxicity effects of the latex and ethanolic leaf extract of <i>Calotropis procera</i> on male albino rats in comparison to abamectin. <i>SpringerPlus</i> , 2016, 5, 1644.	1.2	17
40	Flavonoids of <i>Calligonum polygonoides</i> and their cytotoxicity. <i>Pharmaceutical Biology</i> , 2016, 54, 2119-2126.	2.9	41
41	In vivo and in vitro antidiabetic effects of citrus flavonoids; a study on the mechanism of action. <i>International Journal of Diabetes in Developing Countries</i> , 2015, 35, 250-263.	0.8	47
42	Up-regulation of Hsp72 and keratin16 mediates wound healing in streptozotocin diabetic rats. <i>Biological Research</i> , 2015, 48, 54.	3.4	9
43	Anti-proliferative and apoptotic efficacy of diallyl disulfide on Ehrlich ascites carcinoma. <i>Hepatoma Research</i> , 2015, 1, 67.	1.5	9
44	Anti-Proliferative and Apoptotic Efficacies of Ulvan Polysaccharides against Different Types of Carcinoma Cells In Vitro and In Vivo. <i>Journal of Cancer Science & Therapy</i> , 2014, 06, .	1.7	49
45	Synthesis and anti-tumor activities of new [1,2,4]triazolo[1,5-a]pyrimidine derivatives. <i>European Journal of Chemistry</i> , 2014, 5, 334-338.	0.6	10
46	Antihyperglycemic Effect of Crude Extracts of Some Egyptian Plants and Algae. <i>Journal of Medicinal Food</i> , 2014, 17, 400-406.	1.5	30
47	Thymoquinone and curcumin prevent gentamicin-induced liver injury by attenuating oxidative stress, inflammation and apoptosis. <i>Journal of Physiology and Pharmacology</i> , 2014, 65, 823-32.	1.1	49
48	Limiting prolonged inflammation during proliferation and remodeling phases of wound healing in streptozotocin-induced diabetic rats supplemented with camel undenatured whey protein. <i>BMC Immunology</i> , 2013, 14, 31.	2.2	62
49	Silymarin Flavonolignans. <i>Studies in Natural Products Chemistry</i> , 2013, 40, 469-484.	1.8	18
50	Maternal Rat Diabetes Mellitus Deleteriously Affects Insulin Sensitivity and Beta-Cell Function in the Offspring. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-10.	2.3	48
51	Effects of experimentally induced maternal hypothyroidism and hyperthyroidism on the development of rat offspring: The developmental pattern of neurons in relation to oxidative stress and antioxidant defense system. <i>International Journal of Developmental Neuroscience</i> , 2012, 30, 517-537.	1.6	91
52	Impacts of the coexistence of diabetes and hypothyroidism on body weight gain, leptin and various metabolic aspects in albino rats. <i>Journal of Diabetes and Its Complications</i> , 2012, 26, 491-500.	2.3	18
53	Hesperidin and naringin attenuate hyperglycemia-mediated oxidative stress and proinflammatory cytokine production in high fat fed/streptozotocin-induced type 2 diabetic rats. <i>Journal of Diabetes and Its Complications</i> , 2012, 26, 483-490.	2.3	294
54	Green tea (<i>Camellia sinensis</i>) ameliorates female <i>Schistosoma mansoni</i> -induced changes in the liver of Balb/C mice. <i>Saudi Journal of Biological Sciences</i> , 2011, 18, 361-368.	3.8	12

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55	Regioselective one-pot synthesis and anti-proliferative and apoptotic effects of some novel tetrazolo[1,5-a]pyrimidine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2639-2644.	3.0	55
56	Effects of experimentally induced maternal hypothyroidism and hyperthyroidism on the development of rat offspring: I. The development of the thyroid hormonesâ€“neurotransmitters and adenosinergic system interactions. <i>International Journal of Developmental Neuroscience</i> , 2010, 28, 437-454.	1.6	116
57	Synthesis and anti-tumor activities of some new pyridines and pyrazolo[1,5-a]pyrimidines. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3519-3523.	5.5	111
58	Histopathological and biochemical effects of green tea and/or licorice aqueous extracts on thyroid functions in male albino rats intoxicated with dimethylnitrosamine. <i>Nutrition and Metabolism</i> , 2009, 6, 2.	3.0	5
59	The Significance of Vasoactive Intestinal Peptide in the Treatment of <i>Schistosoma mansoni</i> -Infected Diabetic Mice. <i>Asian Journal of Animal and Veterinary Advances</i> , 2009, 4, 172-190.	0.0	4
60	Anti-hyperglycemic, Immunomodulatory and Anti-oxidant Efficacy of Vasoactive Intestinal Peptide in Streptozotocin-Induced Diabetic Mice. <i>International Journal of Zoological Research</i> , 2009, 5, 42-61.	0.6	4
61	Thyroid hormones states and brain development interactions. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 147-209.	1.6	258
62	Corrigendum to â€œThyroid hormone states and brain development interactionsâ€•[<i>International Journal of Developmental Neuroscience</i> 2008; 26 (2): 147â€“209]. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 825-826.	1.6	4
63	Age and Heat Stress Related Changes in Monoamine Contents and Cholinesterase Activity in Some Central Nervous System Regions of Albino Rat Newborns. <i>International Journal of Zoological Research</i> , 2007, 3, 65-76.	0.6	2