

Hanaa H Ahmed

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.

90
papers

1,201
citations

20
h-index

30
g-index

95
ext. papers

1,373
ext. citations

2.5
avg, IF

4.76
L-index

#	Paper	IF	Citations
90	Prevention of aflatoxin B1-initiated hepatotoxicity in rat by marine algae extracts. <i>Journal of Applied Toxicology</i> , 2006 , 26, 229-38	4.1	83
89	Protective role of Panax ginseng extract standardized with ginsenoside Rg3 against acrylamide-induced neurotoxicity in rats. <i>Journal of Applied Toxicology</i> , 2006 , 26, 198-206	4.1	57
88	CS-PEG decorated PLGA nano-prototype for delivery of bioactive compounds: A novel approach for induction of apoptosis in HepG2 cell line. <i>Advances in Medical Sciences</i> , 2017 , 62, 357-367	2.8	52
87	Cardioprotective activity of melatonin and its novel synthesized derivatives on doxorubicin-induced cardiotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 1847-57	3.4	51
86	Potential of bone marrow mesenchymal stem cells in management of Alzheimer's disease in female rats. <i>Cell Biology International</i> , 2014 , 38, 1367-83	4.5	42
85	Significance of vascular endothelial growth factor, interleukin-18 and nitric oxide in patients with breast cancer: correlation with carbohydrate antigen 15.3. <i>Medical Oncology</i> , 2011 , 28 Suppl 1, S15-21	3.7	42
84	Clinical significance of inflammatory and fibrogenic cytokines in diabetic nephropathy. <i>Clinical Biochemistry</i> , 2012 , 45, 646-50	3.5	38
83	Pre-Clinical Study for the Antidiabetic Potential of Selenium Nanoparticles. <i>Biological Trace Element Research</i> , 2017 , 177, 267-280	4.5	37
82	Serrapeptase and nattokinase intervention for relieving Alzheimer's disease pathophysiology in rat model. <i>Human and Experimental Toxicology</i> , 2013 , 32, 721-35	3.4	36
81	Neuroprotective effects of dehydroepiandrosterone (DHEA) in rat model of Alzheimer's disease.. <i>Acta Biochimica Polonica</i> , 2011 , 58,	2	34
80	Assessment of interleukin-17 and vitamin D serum levels in psoriatic patients. <i>Journal of the American Academy of Dermatology</i> , 2013 , 69, 840-842	4.5	33
79	Cytotoxicity and gene expression profiles of novel synthesized steroid derivatives as chemotherapeutic anti-breast cancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 6860-72	3.4	31
78	Potent neuroprotective role of novel melatonin derivatives for management of central neuropathy induced by acrylamide in rats. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 5452-9	6.8	31
77	Phytochemical Analysis and Anti-cancer Investigation of Boswellia serrata Bioactive Constituents In Vitro. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 7179-88	1.7	31
76	Do adipose tissue-derived mesenchymal stem cells ameliorate Parkinson's disease in rat model?. <i>Human and Experimental Toxicology</i> , 2014 , 33, 1217-31	3.4	30
75	Synthesis of novel steroidal curcumin derivatives as anti-Alzheimer's disease candidates: Evidences-based on in vivo study. <i>Steroids</i> , 2015 , 101, 78-89	2.8	29
74	Possible mechanisms for N-acetyl cysteine and taurine in ameliorating acute renal failure induced by cisplatin in rats. <i>Toxicology Mechanisms and Methods</i> , 2011 , 21, 538-46	3.6	28

73	Modulatory effects of vitamin E, acetyl-L-carnitine and Elipoic acid on new potential biomarkers for Alzheimer's disease in rat model. <i>Experimental and Toxicologic Pathology</i> , 2012 , 64, 549-56		25
72	Homocysteine and oxidative stress in Egyptian children with Down syndrome. <i>Clinical Biochemistry</i> , 2010 , 43, 963-7	3.5	22
71	Biochemical and genetic alterations of oxidant/antioxidant status of the brain in rats treated with dexamethasone: protective roles of melatonin and acetyl-L-carnitine. <i>Journal of Physiology and Biochemistry</i> , 2012 , 68, 77-90	5	20
70	Gallic acid against hepatocellular carcinoma: An integrated scheme of the potential mechanisms of action from in vivo study. <i>Tumor Biology</i> , 2017 , 39, 1010428317699127	2.9	20
69	Potential impact of curcumin and taurine on human hepatoma cells using Huh-7 cell line. <i>Clinical Biochemistry</i> , 2012 , 45, 1519-21	3.5	20
68	Possible therapeutic uses of Salvia triloba and Piper nigrum in Alzheimer's disease-induced rats. <i>Journal of Medicinal Food</i> , 2013 , 16, 437-46	2.8	20
67	Selenium Nanoparticles Induce the Chemo-Sensitivity of Fluorouracil Nanoparticles in Breast and Colon Cancer Cells. <i>Biological Trace Element Research</i> , 2019 , 187, 80-91	4.5	19
66	Potential role of cysteine and methionine in the protection against hormonal imbalance and mutagenicity induced by furazolidone in female rats. <i>Toxicology</i> , 2008 , 243, 31-42	4.4	19
65	Development of new indole-derived neuroprotective agents. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 2966-74	3.4	17
64	Novel synthesized aminosteroidal heterocycles intervention for inhibiting iron-induced oxidative stress. <i>European Journal of Medicinal Chemistry</i> , 2005 , 40, 1283-94	6.8	17
63	Enhanced mesenchymal stem cell proliferation through complexation of selenium/titanium nanocomposites. <i>Journal of Materials Science: Materials in Medicine</i> , 2019 , 30, 24	4.5	17
62	Curcumin: a unique antioxidant offers a multimechanistic approach for management of hepatocellular carcinoma in rat model. <i>Tumor Biology</i> , 2015 , 36, 1667-78	2.9	16
61	Improving Anti-Cancer Potentiality and Bioavailability of Gallic Acid by Designing Polymeric Nanocomposite Formulation. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018 , 19, 3137-3146	1.7	16
60	Significance of Rumex vesicarius as anticancer remedy against hepatocellular carcinoma: a proposal-based on experimental animal studies. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 4303-10	1.7	15
59	Nephroprotective potential of selenium and taurine against mercuric chloride induced nephropathy in rats. <i>Renal Failure</i> , 2014 , 36, 704-16	2.9	14
58	Molecular mechanisms of nano-selenium in mitigating hepatocellular carcinoma induced by N-nitrosodiethylamine (NDEA) in rats. <i>Toxicology Mechanisms and Methods</i> , 2014 , 24, 593-602	3.6	14
57	Bevacizumab and CCR2 Inhibitor Nanoparticles Induce Cytotoxicity-Mediated Apoptosis in Doxorubicin-Treated Hepatic and Non-Small Lung Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019 , 20, 2225-2238	1.7	11
56	Role of nanoparticles in osteogenic differentiation of bone marrow mesenchymal stem cells. <i>Cytotechnology</i> , 2020 , 72, 1-22	2.2	11

55	Influence of bioactive sulfated polysaccharide-protein complexes on hepatocarcinogenesis, angiogenesis and immunomodulatory activities. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016 , 9, 1200-1211	2.1	10
54	Ginkgo biloba L. leaf extract offers multiple mechanisms in bridling N-methylnitrosourea - mediated experimental colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 95, 387-393	7.5	10
53	Punica granatum suppresses colon cancer through downregulation of Wnt/ β Catenin in rat model. <i>Revista Brasileira De Farmacognosia</i> , 2017 , 27, 627-635	2	10
52	Does melatonin ameliorate neurological changes associated with Alzheimer's disease in ovariectomized rat model?. <i>Indian Journal of Clinical Biochemistry</i> , 2013 , 28, 381-9	2.2	10
51	HARNESSING THE ANTIOXIDANT PROPERTY OF CERIUM AND YTTRIUM OXIDE NANOPARTICLES TO ENHANCE MESENCHYMAL STEM CELL PROLIFERATION. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018 , 11, 436	0.4	10
50	Role of mesenchymal stem cells versus angiotensin converting enzyme inhibitor in kidney repair. <i>Nephrology</i> , 2017 , 22, 531-540	2.2	9
49	Updates in the pathophysiological mechanisms of Parkinson's disease: Emerging role of bone marrow mesenchymal stem cells. <i>World Journal of Stem Cells</i> , 2016 , 8, 106-17	5.6	9
48	Potential role of leptin against glucocorticoid-induced secondary osteoporosis in adult female rats. <i>European Review for Medical and Pharmacological Sciences</i> , 2012 , 16, 1446-52	2.9	9
47	Biochemical and histological evidences for the antitumor potential of Teucrium Oliverianum and Rhazya stricta in chemically-induced hepatocellular carcinoma. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016 , 13, 62	0.3	8
46	Nanofiber-expanded stem cells mitigate liver fibrosis: Experimental study. <i>Tissue and Cell</i> , 2016 , 48, 544-57	5.7	8
45	Selenium Overcomes Doxorubicin Resistance in Their Nano-platforms Against Breast and Colon Cancers. <i>Biological Trace Element Research</i> , 2020 , 193, 377-389	4.5	8
44	Role of dehydroepiandrosterone in management of glucocorticoid-induced secondary osteoporosis in female rats. <i>Experimental and Toxicologic Pathology</i> , 2012 , 64, 659-64		7
43	Evaluation of the potential toxicity of dibromoacetonitrile-induced apoptosis and tumor-initiating activity in rat liver. <i>Food and Chemical Toxicology</i> , 2011 , 49, 3055-62	4.7	7
42	Quercetin Confers Tumoricidal Activity Through Multipathway Mechanisms in A N-Methylnitrosourea Rat Model of Colon Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016 , 17, 4991-4998	1.7	7
41	Clinical Relevance of Transforming Growth Factor- β , Interleukin-6 and Haptoglobin for Prediction of Obesity Complications in Prepubertal Egyptian Children. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2015 , 3, 105-10	1	7
40	Effect of food restriction on reproductive-related genes and reproductive hormones in adult female rats. <i>European Review for Medical and Pharmacological Sciences</i> , 2012 , 16, 1680-90	2.9	7
39	Current concepts in pathophysiology and management of hepatocellular carcinoma. <i>Acta Biochimica Polonica</i> , 2015 , 62, 573-80	2	6
38	POSSIBLE THERAPEUTIC ROLE OF JASONIA CANDICANS AND JASONIA MONTANA EXTRACTS IN THE REGRESSION OF ALZHEIMER'S DISEASE IN EXPERIMENTAL MODEL. <i>American Journal of Biochemistry and Biotechnology</i> , 2013 , 9, 144-161	0.4	5

37	Ellagic Acid Holds Promise Against Hepatocellular Carcinoma in an Experimental Model: Mechanisms of Action. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018 , 19, 387-393	1.7	5
36	Implications of Sex Hormone Receptor Gene Expression in the Predominance of Hepatocellular Carcinoma in Males: Role of Natural Products. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 4949-54	1.7	5
35	Ghrelin, obestatin and the ghrelin/obestatin ratio as potential mediators for food intake among obese children: a case control study. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2020 , 33, 199-204	1.6	5
34	Modulation of bone turnover aberration: A target for management of primary osteoporosis in experimental rat model. <i>Heliyon</i> , 2020 , 6, e03341	3.6	4
33	Clinical value of serum hepatocyte growth factor, B-cell lymphoma-2 and nitric oxide in primary breast cancer patients. <i>European Review for Medical and Pharmacological Sciences</i> , 2012 , 16, 958-65	2.9	4
32	Early predictors of microvascular complications in type 1 diabetic patients. <i>Clinical Biochemistry</i> , 2009 , 42, 1401-6	3.5	3
31	Role of lifestyle intervention programme in regulating brain derived neurotrophic factor in obese children with metabolic syndrome components. <i>Biomedical and Pharmacology Journal</i> , 2019 , 12, 1317-1328	0.9	3
30	Role of bone marrow-derived mesenchymal stem cells in alleviating pulmonary epithelium damage and extracellular matrix remodeling in a rat model of lung fibrosis induced by amiodarone. <i>Biotechnic and Histochemistry</i> , 2021 , 96, 418-430	1.8	3
29	Adiponectin, leptin, and lipid profile in type 1 diabetic children and adolescents. <i>Journal of Clinical Lipidology</i> , 2009 , 3, 269-74	4.9	2
28	Role of designed Bio-Geometrical forms in antagonizing neurobehavioral burden of Wi-Fi radiation: Evidence-based experimental study. <i>Biomedical and Pharmacology Journal</i> , 2019 , 12, 1217-1234	0.9	2
27	Mercury Materno-fetal Burden and Its Nutritional Impact. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2018 , 6, 1652-1658	1	2
26	Mesenchymal stem cells seeded onto nanofiber scaffold for myocardial regeneration. <i>Biotechnic and Histochemistry</i> , 2021 , 1-12	1.8	2
25	Significance of Myeloperoxidase in the Onset of Cardiovascular Disease among Obese Children and Adolescents. <i>Biomedical and Pharmacology Journal</i> , 2019 , 12, 1647-1659	0.9	2
24	Lycopene: an effective neuroprotective option against neurodeterioration induced by formaldehyde inhalation. <i>Comparative Clinical Pathology</i> , 2016 , 25, 1171-1184	0.9	2
23	New Biomarkers as Prognostic Factors for Cardiovascular Complications in Type 2 Diabetic Patients. <i>Indian Journal of Clinical Biochemistry</i> , 2020 , 35, 54-62	2.2	2
22	Evidences for the antitumor potentiality of <i>Hemimycale arabica</i> and <i>Negombata magnifica</i> mesohyls in hepatocellular carcinoma rat model. <i>Medicinal Chemistry Research</i> , 2018 , 27, 1538-1548	2.2	1
21	Evaluation of Apoptotic Marker Bcl2, CD4+, Human Hepatocyte Growth Factor and Metalloproteinase-9 as Tumor Markers for Patients with Hepatocellular Carcinoma. <i>Indian Journal of Clinical Biochemistry</i> , 2014 , 29, 351-6	2.2	1
20	Alpha-chymotrypsin ameliorates neuroinflammation and apoptosis characterizing Alzheimer's disease-induced in ovariectomized rats. <i>Experimental and Toxicologic Pathology</i> , 2013 , 65, 477-83		1

19	The impact of digestive and colon drugs on the human hormones profile. <i>Indian Journal of Clinical Biochemistry</i> , 2013 , 28, 413-7	2.2	1
18	Heavy Metals Can either Aid or Oppose the Protective Function of the Placental Barrier. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019 , 7, 2814-2817	1	1
17	Assessment of the Antitumor Potentiality of Newly Designed Steroid Derivatives: Pre-Clinical Study. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019 , 20, 3057-3070	1.7	1
16	Predictors of High Serum Casein Antibody Levels among Malnourished Infants and Young Children with Congenital Heart Disease. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2015 , 3, 91-8	1	1
15	Nanotechnological Applications Hold a Pivotal Position in Boosting Stem Cells Osteogenic Activity: In Vitro and In Vivo Studies. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 190, 551-573	3.2	1
14	Camellia sinensis leaves extract ameliorates high fat diet-induced nonalcoholic steatohepatitis in rats: analysis of potential mechanisms. <i>Journal of Pharmaceutical Investigation</i> , 2021 , 51, 183-197	6.3	1
13	Selective Viramidine-Loaded Aptamer-Nanoparticles Trigger Cell Cycle Arrest in Nucleolin-Expressed Hepatoma Cells Through Modulation of CDC25A/p53/PI3k Pathway. <i>Journal of Cluster Science</i> , 1	3	0
12	Effect of Fish Frequency Consumption on Serum Mercury Levels in Pregnant Mothers and their Newborns. <i>Biomedical and Pharmacology Journal</i> , 2019 , 12, 503-509	0.9	0
11	Preconditioned human dental pulp stem cells with cerium and yttrium oxide nanoparticles effectively ameliorate diabetic hyperglycemia while combatting hypoxia. <i>Tissue and Cell</i> , 2021 , 73, 101661	2.7	0
10	Dipeptidyl Peptidase IV: A Target for Improving Metabolic Syndrome Components in Obese Children and Adolescents. <i>Biomedical and Pharmacology Journal</i> , 2019 , 12, 1701-1713	0.9	0
9	Quercetin Offers Chemopreventive Potential against Breast Cancer by Targeting a Network of Signalling Pathways. <i>Research Journal of Pharmacy and Technology</i> , 2021 , 2829-2839	1.7	0
8	Combined Treatment of Levetiracetam and Mesenchymal Stem Cells Reverses the Biochemical Aberrations in the Acute Phase of Epilepsy Induced by Pilocarpine in Rats. <i>Biomedical and Pharmacology Journal</i> , 2022 , 15, 91-115	0.9	0
7	Pre-Clinical Evidence for the Anti-Obesity Potential of Quercetin and Curcumin Loaded Chitosan/PEG Blended PLGA Nanoparticles. <i>Biomedical and Pharmacology Journal</i> , 2021 , 14, 1731-1759	0.9	0
6	Phytochemical remedies: a key strategy towards reversing the aggressive murine colon cancer. <i>Medicinal Chemistry Research</i> , 2017 , 26, 2614-2623	2.2	
5	CLEMASTINE, THE H1 HISTAMINE RECEPTOR ANTAGONIST, ALTERS THE HUMAN SEX AND THYROID HORMONAL PROFILES. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017 , 10, 327	0.4	
4	Bone marrow derived mesenchymal stem cells: A unique cytotherapy for rescuing degenerated dopaminergic neurons. <i>Neurochemical Journal</i> , 2015 , 9, 284-294	0.5	
3	Association of cord blood des-acyl ghrelin with Apgar score and anthropometric measures in relation to its maternal one.. <i>Biomedical and Pharmacology Journal</i> , 2019 , 12, 1147-1154	0.9	
2	Gluten Sensitivity among Egyptian Infants with Congenital Heart Disease. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2017 , 5, 58-63	1	

- 1 Nanomaterial-induced mesenchymal stem cell differentiation into osteoblast for counteracting bone resorption in the osteoporotic rats. *Tissue and Cell*, **2021**, 73, 101645 2.7