

Abdulrahman L Al-Malki

List of Publications by Year in descending order

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63
papers

1,609
citations

304368

22
h-index

315357

38
g-index

63
all docs

63
docs citations

63
times ranked

2957
citing authors

#	ARTICLE	IF	CITATIONS
1	The Antidiabetic Effect of Low Doses of <i>Moringa oleifera</i> Lam. Seeds on Streptozotocin Induced Diabetes and Diabetic Nephropathy in Male Rats. <i>BioMed Research International</i> , 2015, 2015, 1-13.	0.9	165
2	Plastid genome sequences of legumes reveal parallel inversions and multiple losses of <i>rps16</i> in papilionoids. <i>Journal of Systematics and Evolution</i> , 2015, 53, 458-468.	1.6	125
3	Mimosoid legume plastome evolution: IR expansion, tandem repeat expansions and accelerated rate of evolution in <i>clpP</i> . <i>Scientific Reports</i> , 2015, 5, 16958.	1.6	125
4	The Contribution of Wastewater to the Transmission of Antimicrobial Resistance in the Environment: Implications of Mass Gathering Settings. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 33.	0.9	92
5	Thymoquinone attenuates cisplatin-induced hepatotoxicity via nuclear factor kappa- β . <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 282.	3.7	90
6	Antiviral effects of probiotic metabolites on COVID-19. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4175-4184.	2.0	89
7	Signalling pathways in UHRF1-dependent regulation of tumor suppressor genes in cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2016, 35, 174.	3.5	79
8	Effect of novel water soluble curcumin derivative on experimental type- 1 diabetes mellitus (short) $Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50$	1.2	51
9	Horseradish peroxidase and chitosan: Activation, immobilization and comparative results. <i>International Journal of Biological Macromolecules</i> , 2013, 60, 295-300.	3.6	50
10	Solid state production of polygalacturonase and xylanase by <i>Trichoderma</i> species using cantaloupe and watermelon rinds. <i>Journal of Microbiology</i> , 2013, 51, 605-611.	1.3	44
11	Metformin improves the angiogenic potential of human CD34+ cells co-incident with downregulating CXCL10 and TIMP1 gene expression and increasing VEGFA under hyperglycemia and hypoxia within a therapeutic window for myocardial infarction. <i>Cardiovascular Diabetology</i> , 2016, 15, 27.	2.7	43
12	p21Waf1/Cip1: its paradoxical effect in the regulation of breast cancer. <i>Breast Cancer</i> , 2019, 26, 131-137.	1.3	39
13	Integration of Transcriptome and Metabolome Provides Unique Insights to Pathways Associated With Obese Breast Cancer Patients. <i>Frontiers in Oncology</i> , 2020, 10, 804.	1.3	36
14	Proteome Analysis for Understanding Abiotic Stress (Salinity and Drought) Tolerance in Date Palm (<i>Phoenix dactylifera</i> L.). <i>International Journal of Genomics</i> , 2015, 2015, 1-11.	0.8	34
15	Reference Genes for Expression Studies in Hypoxia and Hyperglycemia Models in Human Umbilical Vein Endothelial Cells. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 2159-2165.	0.8	29
16	Protective effect of vitamin E and epicatechin against nicotine-induced oxidative stress in rats. <i>Toxicology and Industrial Health</i> , 2013, 29, 202-208.	0.6	27
17	Proteome Analysis of Date Palm (<i>Phoenix dactylifera</i> L.) under Severe Drought and Salt Stress. <i>International Journal of Genomics</i> , 2016, 2016, 1-8.	0.8	26
18	The nuclear genome of <i>Rhazya stricta</i> and the evolution of alkaloid diversity in a medically relevant clade of Apocynaceae. <i>Scientific Reports</i> , 2016, 6, 33782.	1.6	26

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19	The protective effect of epicatchin against oxidative stress and nephrotoxicity in rats induced by cyclosporine. <i>Human and Experimental Toxicology</i> , 2011, 30, 145-151.	1.1	25
20	In vitro cytotoxicity and pro-apoptotic activity of phycocyanin nanoparticles from <i>Ulva lactuca</i> (Chlorophyta) algae. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 894-898.	1.8	25
21	Resin-based dental sealants as a source of human exposure to bisphenol analogues, bisphenol A diglycidyl ether, and its derivatives. <i>Environmental Research</i> , 2018, 162, 35-40.	3.7	23
22	Shikimic acid from <i>Artemisia absinthium</i> inhibits protein glycation in diabetic rats. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 1212-1216.	3.6	23
23	Synergistic effect of lycopene and tocopherol against oxidative stress and mammary tumorigenesis induced by 7,12-dimethylbenzanthracene in female rats. <i>Toxicology and Industrial Health</i> , 2012, 28, 542-548.	0.6	22
24	Oat Attenuation of Hyperglycemia-Induced Retinal Oxidative Stress and NF- κ B Activation in Streptozotocin-Induced Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	0.5	20
25	Assessment of Urinary Osteopontin in Association with Podocyte for Early Predication of Nephropathy in Diabetic Patients. <i>Disease Markers</i> , 2014, 2014, 1-5.	0.6	20
26	Highly Expressed DLL4 and JAG1: Their Role in Incidence of Breast Cancer Metastasis. <i>Archives of Medical Research</i> , 2020, 51, 145-152.	1.5	20
27	Management of Hyperglycaemia by Ethyl Acetate Extract of <i>Balanites aegyptiaca</i> (Desert Date). <i>Molecules</i> , 2015, 20, 14425-14434.	1.7	18
28	Suppression of acute pancreatitis by L-lysine in mice. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 193.	3.7	18
29	Synergistic effect of lycopene and Melatonin against the genesis of oxidative stress induced by cyclophosphamide in rats. <i>Toxicology and Industrial Health</i> , 2014, 30, 570-575.	0.6	17
30	Phylogenetic analysis and a review of the history of the accidental phytoplankter, <i>Phaeodactylum tricornutum</i> Bohlin (Bacillariophyta). <i>PLoS ONE</i> , 2018, 13, e0196744.	1.1	17
31	Untargeted Metabolomics Identifies Key Metabolic Pathways Altered by Thymoquinone in Leukemic Cancer Cells. <i>Nutrients</i> , 2020, 12, 1792.	1.7	17
32	Impact of pesticides residue and heavy metals on lipids and fatty acids composition of some seafoods of Red Sea (KSA). <i>Human and Experimental Toxicology</i> , 2011, 30, 1666-1673.	1.1	13
33	The KIP/CIP family members p21 ^{Waf1/Cip1} and p57 ^{Kip2} as diagnostic markers for breast cancer. <i>Cancer Biomarkers</i> , 2017, 18, 413-423.	0.8	12
34	Identification, protein antiglycation, antioxidant, antiproliferative, and molecular docking of novel bioactive peptides produced from hydrolysis of <i>Lens culinaris</i> . <i>Journal of Food Biochemistry</i> , 2020, 44, e13494.	1.2	12
35	Inhibition of α -Glucosidase by Thiosulfinate as a Target for Glucose Modulation in Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-5.	0.5	11
36	Proanthocyanidin Attenuation of Oxidative Stress and NF- κ B Protects Apolipoprotein E-Deficient Mice against Diabetic Nephropathy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	0.5	9

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37	Beesâ€™ Honey Attenuation of Metanil-Yellow-Induced Hepatotoxicity in Rats. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	0.5	9
38	<i>m</i>-Coumaric acid attenuates non-catalytic protein glycosylation in the retinas of diabetic rats. Journal of Pesticide Sciences, 2018, 43, 180-185.	0.8	9
39	Oat Protects against Diabetic Nephropathy in Rats via Attenuating Advanced Glycation End Products and Nuclear Factor Kappa B. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-8.	0.5	8
40	Phylogeny of ten species of the genus Hordeum L. as revealed by AFLP markers and seed storage protein electrophoresis. Molecular Biology Reports, 2014, 41, 365-372.	1.0	8
41	Serum heavy metals of passive smoker females and its correlation to bone biomarkers and risk of osteoporosis. Environmental Science and Pollution Research, 2022, 29, 6943-6948.	2.7	8
42	Effect of fire smoke on some biochemical parameters in firefighters of Saudi Arabia. Journal of Occupational Medicine and Toxicology, 2008, 3, 33.	0.9	7
43	Strigolactonesâ€™ a novel class of phytohormones as anti-cancer agents. Journal of Pesticide Sciences, 2018, 43, 168-172.	0.8	7
44	Potential antiglycation, antioxidant and antiproliferative activities of Vicia faba peptides. Journal of Food Measurement and Characterization, 2020, 14, 2155-2162.	1.6	6
45	Serum heavy metals and hemoglobin related compounds in Saudi Arabia firefighters. Journal of Occupational Medicine and Toxicology, 2009, 4, 18.	0.9	5
46	Modulatory effect of cod liver oil on bone mineralization in ovariectomized female Sprague Dawley rats. Toxicology and Industrial Health, 2012, 28, 387-392.	0.6	5
47	Hemorrhagic fever in Saudi Arabia: challenge to public health, effective management and future considerations. African Health Sciences, 2020, 20, 1153-1163.	0.3	5
48	In silico inhibition of GABARAP activity using antiepileptic medicinal derived compounds. Bioinformation, 2015, 11, 189-195.	0.2	5
49	Role of erythrocytes and leucocytes in charge transfer through human blood. Journal of Molecular Liquids, 2012, 173, 144-152.	2.3	4
50	Phytochemical analysis of Convolvulus hystrix Vahl and its biological effects in rats. Toxicology and Industrial Health, 2015, 31, 304-318.	0.6	4
51	Gene Ontology and Expression Studies of Strigolactone Analogues on a Hepatocellular Carcinoma Cell Line. Analytical Cellular Pathology, 2019, 2019, 1-10.	0.7	4
52	Strigol1/albumin/chitosan nanoparticles decrease cell viability, induce apoptosis and alter metabolomics profile in HepG2 cancer cell line. Biomedicine and Pharmacotherapy, 2021, 142, 111960.	2.5	4
53	Potential impact of auxin in modulation of insulin resistance in diabetic rats. Archives of Physiology and Biochemistry, 2022, 128, 32-36.	1.0	3
54	Suppression of circulating <i>AP001429.1</i> long nonâ€™coding RNA in obese patients with breast cancer. Oncology Letters, 2021, 22, 508.	0.8	3

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55	Association of trace elements abnormalities with thyroid dysfunction. African Health Sciences, 2021, 21, 1451-1459.	0.3	3
56	Screening the incidence of diabetogenesis with urinary phthalate in Saudi subjects. Environmental Science and Pollution Research, 2022, 29, 28743.	2.7	3
57	FREE FATTY ACIDS PROFILING IN RESPONSE TO CARNITINE SYNERGIZE WITH LUTEIN IN DIABETIC RATS. Tropical Journal of Obstetrics and Gynaecology, 2016, 13, 149-154.	0.3	2
58	Synthesis and in vitro antitumor activity of novel acylspermidine derivative N-(4-aminobutyl)-N-(3-aminopropyl)-8-hydroxy-dodecanamide (AAHD) against HepG2 cells. Bioorganic Chemistry, 2019, 88, 102937.	2.0	2
59	Synthesis, Characterization and In vitro Antibacterial Activity of A Novel Strigolactones Analogues TIT3. Journal of Pure and Applied Microbiology, 2020, 14, 2425-2430.	0.3	2
60	Association of serum asymmetric dimethyl-arginine and troponin I levels as a risk of myocardial infarction in thalassemia. African Health Sciences, 2018, 18, 720.	0.3	1
61	Dose-dependent bioavailability indicators for curcumin and two of its novel derivatives. BioFactors, 2014, 40, 132-137.	2.6	0
62	MODULATION OF CARCINOGEN-METABOLIZING ENZYME BY MADINAH MINT (Mentha spp) IN RAT LIVER. Tropical Journal of Obstetrics and Gynaecology, 2016, 13, 32-37.	0.3	0
63	SIGNALING PATHWAYS REGULATED BY BRASSICACEAE EXTRACT INHIBIT THE FORMATION OF ADVANCED GLYCATED END PRODUCTS IN RAT BRAIN. Tropical Journal of Obstetrics and Gynaecology, 2017, 14, 234-240.	0.3	0