

Tarek M Mohamed

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

802
citations

516561

16
h-index

580701

25
g-index

63
all docs

63
docs citations

63
times ranked

1147
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and thyroid hormones in patients with liver diseases. <i>European Journal of Internal Medicine</i> , 2009, 20, 703-708.	1.0	51
2	Anti-diabetic activity of <i>Holothuria thomasi</i> saponin. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1472-1487.	2.5	47
3	Immobilization of Horseradish Peroxidase on Nonwoven Polyester Fabric Coated with Chitosan. <i>Applied Biochemistry and Biotechnology</i> , 2008, 144, 169-179.	1.4	41
4	Antidiabetic and antioxidant activity of phlorotannins extracted from the brown seaweed <i>Cystoseira compressa</i> in streptozotocin-induced diabetic rats. <i>Environmental Science and Pollution Research</i> , 2021, 28, 22886-22901.	2.7	40
5	Immobilization of <i>Citrullus vulgaris</i> urease on cyanuric chloride deae-cellulose ether: Preparation and properties. <i>Bioresource Technology</i> , 1998, 64, 121-129.	4.8	39
6	Studies on Antiretroviral Drug Concentrations in Breast Milk: Validation of a Liquid Chromatography-Tandem Mass Spectrometric Method for the Determination of 7 Anti-Human Immunodeficiency Virus Medications. <i>Therapeutic Drug Monitoring</i> , 2008, 30, 611-619.	1.0	37
7	Effects of tramadol, clonazepam, and their combination on brain mitochondrial complexes. <i>Toxicology and Industrial Health</i> , 2015, 31, 1325-1333.	0.6	37
8	Distribution of lipases in the Gramineae. Partial purification and characterization of esterase from <i>Avena fatua</i> . <i>Bioresource Technology</i> , 2000, 73, 227-234.	4.8	34
9	Potential biodegradation of crude petroleum oil by newly isolated halotolerant microbial strains from polluted Red Sea area. <i>Marine Pollution Bulletin</i> , 2016, 111, 435-442.	2.3	30
10	Characterization of esterases from <i>Cucurbita pepo</i> cv. "Eskandrani". <i>Bioresource Technology</i> , 2008, 99, 437-443.	4.8	27
11	Immobilization and characterization of inulinase from <i>Ulocladium atrum</i> on nonwoven fabrics. <i>Journal of Biosciences</i> , 2014, 39, 785-793.	0.5	25
12	Urea cycle of <i>Fasciola gigantica</i> : Purification and characterization of arginase. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 142, 308-316.	0.7	22
13	Partial purification of extracellular exo-inulinase from <i>Ulocladium atrum</i> . <i>Journal of Genetic Engineering and Biotechnology</i> , 2014, 12, 15-20.	1.5	22
14	Amelioration effect of Egyptian sweet orange hesperidin on Ehrlich ascites carcinoma (EAC) bearing mice. <i>Chemico-Biological Interactions</i> , 2018, 285, 76-84.	1.7	21
15	Quercetin mitigates rheumatoid arthritis by inhibiting adenosine deaminase in rats. <i>Molecular Medicine</i> , 2022, 28, 24.	1.9	20
16	Proteases in egg, miracidium and adult of <i>Fasciola gigantica</i> . Characterization of serine and cysteine proteases from adult. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 142, 192-200.	0.7	18
17	Some hematological and biochemical parameters and steroid hormone levels in the one-humped camel during different physiological conditions. <i>Emirates Journal of Food and Agriculture</i> , 2003, 15, 44.	1.0	18
18	Association of MHC IIA polymorphisms with disease resistance in <i>Aeromonas hydrophila</i> -challenged Nile tilapia. <i>Developmental and Comparative Immunology</i> , 2019, 96, 126-134.	1.0	17

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19	Alzheimer's disease improved through the activity of mitochondrial chain complexes and their gene expression in rats by boswellic acid. <i>Metabolic Brain Disease</i> , 2021, 36, 255-264.	1.4	17
20	Propolis Potentiates Methotrexate Anticancer Mechanism and Reduces its Toxic Effects. <i>Nutrition and Cancer</i> , 2020, 72, 460-480.	0.9	15
21	Tioconazole and Chloroquine Act Synergistically to Combat Doxorubicin-Induced Toxicity via Inactivation of PI3K/AKT/mTOR Signaling Mediated ROS-Dependent Apoptosis and Autophagic Flux Inhibition in MCF-7 Breast Cancer Cells. <i>Pharmaceuticals</i> , 2021, 14, 254.	1.7	14
22	Could termites be hiding a goldmine of obscure yet promising yeasts for energy crisis solutions based on aromatic wastes? A critical state-of-the-art review. , 2022, 15, 35.		14
23	Ellagic acid regulates hyperglycemic state through modulation of pancreatic IL-6 and TNF- α immunexpression. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 3871-3880.	1.8	13
24	Fenugreek-mediated synthesis of zinc oxide nanoparticles and evaluation of its in vitro and in vivo antitumor potency. <i>Biomedical Research and Therapy</i> , 2021, 8, 4483-4496.	0.3	12
25	Carbohydrases in camel (<i>Camelus dromedarius</i>) pancreas. Purification and characterization of glucoamylase. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 140, 73-80.	0.7	11
26	Osthole extracted from a citrus fruit that affects apoptosis on A549 cell line by histone deacetylase inhibition (HDACs). <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 28, e00531.	2.1	11
27	Beneficial role of ascorbic and folic acids antioxidants against thyroxin-induced testicular dysfunction in hyperthyroid rats. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17246-17254.	2.7	10
28	Regulation of hepatic hydroxy methyl glutarate α -CoA reductase for controlling hypercholesterolemia in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1242-1250.	2.5	10
29	Anti-apoptotic role of spermine against lead and/or gamma irradiation-induced hepatotoxicity in male rats. <i>Environmental Science and Pollution Research</i> , 2017, 24, 24272-24283.	2.7	10
30	Can Stem Cells Ameliorate the Pancreatic Damage Induced by Streptozotocin in Rats?. <i>Canadian Journal of Diabetes</i> , 2018, 42, 61-70.	0.4	10
31	Beneficial consequences of probiotic on mitochondrial hippocampus in Alzheimer's disease. <i>Journal of Complementary and Integrative Medicine</i> , 2021, 18, 761-767.	0.4	10
32	Purification of urease from water melon seeds for clinical diagnostic kits. <i>Bioresource Technology</i> , 1999, 68, 215-223.	4.8	9
33	Effects of phytate on thyroid gland of rats intoxicated with cadmium. <i>Toxicology and Industrial Health</i> , 2015, 31, 1258-1268.	0.6	8
34	Anti-aging effect of DL- β -hydroxybutyrate against hepatic cellular senescence induced by D-galactose or β -irradiation via autophagic flux stimulation in male rats. <i>Archives of Gerontology and Geriatrics</i> , 2021, 92, 104288.	1.4	8
35	Study of the inhibitory effects of chrysin and its nanoparticles on mitochondrial complex II subunit activities in normal mouse liver and human fibroblasts. <i>Journal of Genetic Engineering and Biotechnology</i> , 2022, 20, 15.	1.5	8
36	Adenosine deaminase from camel tick <i>Hyalomma dromedarii</i> : purification and characterization. <i>Experimental and Applied Acarology</i> , 2006, 40, 101-111.	0.7	6

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37	The role of antiepileptic drugs in free radicals generation and antioxidant levels in epileptic patients. <i>International Journal of Neuroscience</i> , 2016, 126, 105-115.	0.8	6
38	Evaluation of MicroRNA92, MicroRNA638 in Acute Lymphoblastic Leukemia of Egyptian Children. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 1567-1572.	0.5	6
39	Biogenic silver nanoparticles induce apoptosis in Ehrlich ascites carcinoma. <i>Biomedical Research and Therapy</i> , 2020, 7, 4100-4113.	0.3	6
40	Esterase and lipase in camel tick <i>Hyalomma dromedarii</i> (Acari: Ixodidae) during embryogenesis. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 137, 159-168.	0.7	5
41	<i>Fasciola gigantica</i> : Enzymes of the ornithineâ€“prolineâ€“glutamate pathwayâ€“Characterization of γ -1-pyrroline-5-carboxylate dehydrogenase. <i>Experimental Parasitology</i> , 2008, 118, 47-53.	0.5	5
42	Anticancer Effects of Combination of Indole-3-Carbinol and Hydroxychloroquine on Ehrlich Ascites Carcinoma via Targeting Autophagy and Apoptosis. <i>Nutrition and Cancer</i> , 2022, 74, 1802-1818.	0.9	5
43	Doxorubicin, L-arginine, or their combination as a prophylactic agent against hepatic carcinoma in mice. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37661-37671.	2.7	4
44	Induction of Apoptosis by Nano-Synthesized Complexes of H2L and its Cu(II) Complex in Human Hepatocellular Carcinoma Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 1151-1159.	0.9	4
45	Detoxifying and antioxidant effect of ellagic acid nano particles in rats intoxicated with sodium nitrites. <i>Applied Biological Chemistry</i> , 2020, 63, .	0.7	4
46	Purification and characterization of aspartate aminotransferase from developing embryos of the camel tick <i>Hyalomma dromedarii</i> . , 2001, 25, 231-244.		3
47	Association between a novel G94A single nucleotide polymorphism in ATP1A1 gene and type 2 diabetes mellitus among Egyptian patients. <i>Journal of Research in Medical Sciences</i> , 2019, 24, 62.	0.4	3
48	Effect of soybean on bone and gonad hormones in lead intoxicated rats. <i>Egyptian Journal of Biochemistry and Molecular Biology</i> , 2007, 25, .	0.4	3
49	Functional Assembly of <i>Caenorhabditis elegans</i> Cytochrome b-2 (Cecytb-2) into Phospholipid Bilayer Nanodisc with Enhanced Iron Reductase Activity. <i>Biomolecules</i> , 2021, 11, 96.	1.8	1
50	Effect of boswellic acid in Alzheimerâ€™s disease in experimental rat. <i>Journal of Bioscience and Applied Research</i> , 2019, 5, 278-284.	0.1	1
51	Microbial Corrosion of C1018 mild steel by a halotolerant consortium of sulfate reducing bacteria isolated from an Egyptian oil field. <i>Egyptian Journal of Chemistry</i> , 2019, .	0.1	1
52	Antibacterial and antioxidant activities of Phlorotannins extracted from <i>Sargassum linifolium</i> brown alga. <i>Delta Journal of Science</i> , 2020, 41, 32-38.	0.1	1
53	Erythrocyte GST activity in type 2 diabetes with and without nephropathy. <i>Delta Journal of Science</i> , 2020, 42, 100-107.	0.1	1
54	Development of an Effective and Economic Biosensor for Diabetic Blood Monitoring Based on MWCNTs, Artificial Redox Mediator Ferrocene, Nafion Polymer and a Local Extracted and Purified Glucose Oxidase Enzyme from <i>Penicillium Notatum</i> F-158 Fungus. <i>Journal of the Electrochemical Society</i> , 2021, 168, 127502.	1.3	1

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55	Purification and characterization of proline-rich proteins from developing embryos of the camel tick <i>Hyalomma dromedarii</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1998, 121, 279-290.	0.7	0
56	Role of Zinc Oxide Nanoparticles Synthesized by Fenugreek Seeds Extract as Anticancer Agent: In Vitro and In Vivo Studies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, .	0.9	0
57	Role of Harmaline as Adiponectin Modulator in Defeating Liver Cirrhosis Induced By Thioacetamide in Mice. <i>Biomedical and Pharmacology Journal</i> , 2021, 14, 123-131.	0.2	0
58	Potential Inhibitor of Adenylyl Sulfate Reductase Isolated from <i>Desulfovibrio desulfuricans</i> with PU/PU-Ag to Control Pitting Corrosion of Oil Tanks and Pipelines. <i>Current Enzyme Inhibition</i> , 2021, 17, 166-174.	0.3	0
59	Molecular variation in <i>Cucumis melo</i> as revealed by isoenzyme and RAPD markers. <i>Egyptian Journal of Biochemistry and Molecular Biology</i> , 2006, 23, .	0.4	0
60	Isolation and characterization of MHCIIA gene from Nile tilapia. <i>Delta Journal of Science</i> , 2019, 40, 78-87.	0.1	0
61	The Role of Extracellular Secreted Proteases and Phospholipases Enzymes in Differentiation Between Pathogenic and Non-Pathogenic <i>Candida</i> . <i>Biochemistry Letters</i> , 2019, 14, 147-155.	0.1	0
62	Effect of isolated mesenchymal stem cells on the liver injury of rats. <i>Biochemistry Letters</i> , 2020, 16, 120-127.	0.1	0
63	The Inter-Relation between Leptin Receptor (Q223R) Gene Polymorphism and the Risk of Egyptian Patients with HCC. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3557-3565.	0.5	0