

Tarek M Mohamed

List of Publications by Year in Descending Order

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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.

46
papers

519
citations

14
h-index

21
g-index

63
ext. papers

648
ext. citations

3.3
avg, IF

4.03
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 46 | 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 | 3.1 | 1 |
| 45 | Quercetin mitigates rheumatoid arthritis by inhibiting adenosine deaminase in rats.. <i>Molecular Medicine</i> , 2022 , 28, 24 | 6.2 | 2 |
| 44 | 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 | | 0 |
| 43 | Ellagic acid regulates hyperglycemic state through modulation of pancreatic IL-6 and TNF- α immunoexpression. <i>Saudi Journal of Biological Sciences</i> , 2022 , 29, 3871-3880 | 4 | 1 |
| 42 | 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 | 5.1 | 2 |
| 41 | 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, | 5.2 | 5 |
| 40 | Beneficial consequences of probiotic on mitochondrial hippocampus in Alzheimer's disease. <i>Journal of Complementary and Integrative Medicine</i> , 2021 , | 1.5 | 4 |
| 39 | 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 | 2.2 | 1 |
| 38 | Evaluation of MicroRNA92, MicroRNA638 in Acute Lymphoblastic Leukemia of Egyptian Children. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021 , 22, 1567-1572 | 1.7 | 1 |
| 37 | Anti-aging effect of DL- β -hydroxybutyrate against hepatic cellular senescence induced by D-galactose or β radiation via autophagic flux stimulation in male rats. <i>Archives of Gerontology and Geriatrics</i> , 2021 , 92, 104288 | 4 | 4 |
| 36 | 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 | 3.9 | 7 |
| 35 | Anticancer Effects of Combination of Indole-3-Carbinol and Hydroxychloroquine on Ehrlich Ascites Carcinoma via Targeting Autophagy and Apoptosis. <i>Nutrition and Cancer</i> , 2021 , 1-17 | 2.8 | 1 |
| 34 | 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 | 5.1 | 18 |
| 33 | 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 | 1.7 | |
| 32 | 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 | 5.3 | 1 |
| 31 | Propolis Potentiates Methotrexate Anticancer Mechanism and Reduces its Toxic Effects. <i>Nutrition and Cancer</i> , 2020 , 72, 460-480 | 2.8 | 10 |
| 30 | 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 | 3.2 | 10 |

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| 29 | Association between a novel G94A single nucleotide polymorphism in gene and type 2 diabetes mellitus among Egyptian patients. <i>Journal of Research in Medical Sciences</i> , 2019 , 24, 62 | 1.6 | 1 |
| 28 | Amelioration effect of Egyptian sweet orange hesperidin on Ehrlich ascites carcinoma (EAC) bearing mice. <i>Chemico-Biological Interactions</i> , 2018 , 285, 76-84 | 5 | 14 |
| 27 | Can Stem Cells Ameliorate the Pancreatic Damage Induced by Streptozotocin in Rats?. <i>Canadian Journal of Diabetes</i> , 2018 , 42, 61-70 | 2.1 | 7 |
| 26 | Regulation of hepatic hydroxy methyl glutarate - CoA reductase for controlling hypercholesterolemia in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 95, 1242-1250 | 7.5 | 7 |
| 25 | 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 | 5.1 | 8 |
| 24 | Anti-diabetic activity of <i>Holothuria thomasi</i> saponin. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 1472-1487 | 1.9 | 28 |
| 23 | The role of antiepileptic drugs in free radicals generation and antioxidant levels in epileptic patients. <i>International Journal of Neuroscience</i> , 2016 , 126, 105-15 | 2 | 6 |
| 22 | 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 | 6.7 | 22 |
| 21 | 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, 17246-54 | 5.1 | 6 |
| 20 | Effects of tramadol, clonazepam, and their combination on brain mitochondrial complexes. <i>Toxicology and Industrial Health</i> , 2015 , 31, 1325-33 | 1.8 | 26 |
| 19 | Effects of phytate on thyroid gland of rats intoxicated with cadmium. <i>Toxicology and Industrial Health</i> , 2015 , 31, 1258-68 | 1.8 | 5 |
| 18 | Partial purification of extracellular exo-inulinase from <i>Ulocladium atrum</i> . <i>Journal of Genetic Engineering and Biotechnology</i> , 2014 , 12, 15-20 | 3.1 | 18 |
| 17 | Immobilization and characterization of inulinase from <i>Ulocladium atrum</i> on nonwoven fabrics. <i>Journal of Biosciences</i> , 2014 , 39, 785-94 | 2.3 | 24 |
| 16 | Oxidative stress and thyroid hormones in patients with liver diseases. <i>European Journal of Internal Medicine</i> , 2009 , 20, 703-8 | 3.9 | 47 |
| 15 | <i>Fasciola gigantica</i> : enzymes of the ornithine-proline-glutamate pathway--characterization of delta1-pyrroline-5-carboxylate dehydrogenase. <i>Experimental Parasitology</i> , 2008 , 118, 47-53 | 2.1 | 4 |
| 14 | 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, 611-9 | 3.2 | 35 |
| 13 | Immobilization of horseradish peroxidase on nonwoven polyester fabric coated with chitosan. <i>Applied Biochemistry and Biotechnology</i> , 2008 , 144, 169-79 | 3.2 | 37 |
| 12 | Characterization of esterases from <i>Cucurbita pepo</i> cv. "Eskandrani". <i>Bioresource Technology</i> , 2008 , 99, 437-43 | 11 | 22 |

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|----|--|-----|----|
| 11 | Adenosine deaminase from camel tick <i>Hyalomma dromedarii</i> : purification and characterization. <i>Experimental and Applied Acarology</i> , 2006 , 40, 101-11 | 2.1 | 6 |
| 10 | 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, 308-16 | 2.3 | 14 |
| 9 | 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 | 2.3 | 8 |
| 8 | 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 | 2.3 | 15 |
| 7 | 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, 159-68 | 2.3 | 5 |
| 6 | 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 | 9 |
| 5 | Purification and characterization of aspartate aminotransferase from developing embryos of the camel tick <i>Hyalomma dromedarii</i> . <i>Experimental and Applied Acarology</i> , 2001 , 25, 231-44 | 2.1 | 2 |
| 4 | 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 | 11 | 28 |
| 3 | Purification of urease from water melon seeds for clinical diagnostic kits. <i>Bioresource Technology</i> , 1999 , 68, 215-223 | 11 | 7 |
| 2 | Immobilization of <i>Citrullus vulgaris</i> urease on cyanuric chloride deae-cellulose ether: Preparation and properties. <i>Bioresource Technology</i> , 1998 , 64, 121-129 | 11 | 35 |
| 1 | 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 | 2.3 | |