

Walaa G Hozayen

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,068
citations

516215

16
h-index

433756

31
g-index

31
all docs

31
docs citations

31
times ranked

1471
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Berberine ameliorates methotrexate-induced liver injury by activating Nrf2/HO-1 pathway and PPAR α , and suppressing oxidative stress and apoptosis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 280-291. | 2.5 | 126 |
| 2 | Methotrexate hepatotoxicity is associated with oxidative stress, and down-regulation of PPAR α and Nrf2: Protective effect of 18 β -Glycyrrhetic acid. <i>Chemico-Biological Interactions</i> , 2017, 270, 59-72. | 1.7 | 118 |
| 3 | Ferulic acid protects against methotrexate nephrotoxicity via activation of Nrf2/ARE/HO-1 signaling and PPAR α , and suppression of NF- κ B/NLRP3 inflammasome axis. <i>Food and Function</i> , 2019, 10, 4593-4607. | 2.1 | 104 |
| 4 | Cardiac and pulmonary toxicity of mesoporous silica nanoparticles is associated with excessive ROS production and redox imbalance in Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2527-2538. | 2.5 | 87 |
| 5 | Ferulic acid prevents oxidative stress, inflammation, and liver injury via upregulation of Nrf2/HO-1 signaling in methotrexate-induced rats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 7910-7921. | 2.7 | 84 |
| 6 | Mesoporous Silica Nanoparticles Trigger Liver and Kidney Injury and Fibrosis Via Altering TLR4/NF- κ B, JAK2/STAT3 and Nrf2/HO-1 Signaling in Rats. <i>Biomolecules</i> , 2019, 9, 528. | 1.8 | 68 |
| 7 | Chicoric acid prevents methotrexate-induced kidney injury by suppressing NF- κ B/NLRP3 inflammasome activation and up-regulating Nrf2/ARE/HO-1 signaling. <i>Inflammation Research</i> , 2019, 68, 511-523. | 1.6 | 67 |
| 8 | 18 β -Glycyrrhetic acid protects against methotrexate-induced kidney injury by up-regulating the Nrf2/ARE/HO-1 pathway and endogenous antioxidants. <i>Renal Failure</i> , 2016, 38, 1516-1527. | 0.8 | 65 |
| 9 | Umbelliferone Ameliorates CCl ₄ -Induced Liver Fibrosis in Rats by Upregulating PPAR α and Attenuating Oxidative Stress, Inflammation, and TGF- β 1/Smad3 Signaling. <i>Inflammation</i> , 2019, 42, 1103-1116. | 1.7 | 60 |
| 10 | 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. | 2.5 | 40 |
| 11 | Antiosteoporotic effect of <i>Petroselinum crispum</i> , <i>Ocimum basilicum</i> and <i>Cichorium intybus</i> L. in glucocorticoid-induced osteoporosis in rats. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 165. | 3.7 | 38 |
| 12 | Enhancement of microbial lipase activity via immobilization over sodium titanate nanotubes for fatty acid methyl esters production. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 1169-1179. | 3.6 | 24 |
| 13 | Chicoric acid prevents methotrexate hepatotoxicity via attenuation of oxidative stress and inflammation and up-regulation of PPAR α and Nrf2/HO-1 signaling. <i>Environmental Science and Pollution Research</i> , 2020, 27, 20725-20735. | 2.7 | 24 |
| 14 | 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. | 1.9 | 24 |
| 15 | Effects of Orlistat and herbal mixture extract on brain, testes functions and oxidative stress biomarkers in a rat model of high fat diet. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2014, 3, 93-105. | 0.8 | 22 |
| 16 | Protective Effect of <i>Zingiber Officinale</i> against CCl ₄ -Induced Liver Fibrosis Is Mediated through Downregulating the TGF- β 1/Smad3 and NF- κ B Pathways. <i>Pharmacology</i> , 2016, 97, 1-9. | 0.9 | 20 |
| 17 | Patterns of Toll-Like Receptor Expressions and Inflammatory Cytokine Levels and Their Implications in the Progress of Insulin Resistance and Diabetic Nephropathy in Type 2 Diabetic Patients. <i>Frontiers in Physiology</i> , 2020, 11, 609223. | 1.3 | 20 |
| 18 | Hepatoprotective effects of parsley, basil, and chicory aqueous extracts against dexamethasone-induced in experimental rats. <i>Journal of Intercultural Ethnopharmacology</i> , 2016, 5, 65. | 0.9 | 18 |

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|----|--|-----|-----------|
| 19 | Spirulina vesicolor Improves Insulin Sensitivity and Attenuates Hyperglycemia-Mediated Oxidative Stress in Fructose-Fed Rats. <i>Journal of Intercultural Ethnopharmacology</i> , 2016, 5, 57. | 0.9 | 15 |
| 20 | Ginkgo biloba Alleviates Cisplatin-Mediated Neurotoxicity in Rats via Modulating APP/A β ² /P2X7R/P2Y12R and XIAP/BDNF-Dependent Caspase-3 Apoptotic Pathway. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4786. | 1.3 | 8 |
| 21 | Aromatase inhibitor letrozole: a novel treatment for ectopic pregnancy. <i>Fertility and Sterility</i> , 2020, 114, 361-366. | 0.5 | 7 |
| 22 | Evaluation of the Cytotoxicity and Apoptotic Induction in Human Liver Cell Lines Exposed to Three Food Additives. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2020, 11, 193-201. | 0.5 | 6 |
| 23 | Isolation and Characterization of Thermophilic Enzymes Producing Microorganisms for Potential Therapeutic and Industrial Use. <i>Journal of Pure and Applied Microbiology</i> , 2018, 12, 1687-1702. | 0.3 | 4 |
| 24 | Battling Biofilm Forming Nosocomial Pathogens Using Chitosan and Pluronic F127. <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 1893-1903. | 0.3 | 4 |
| 25 | Study of the Chemopreventive Effects of Zingiber Officinale Roots Against Aspartame Induced Testicular Toxicity in Rat Model. <i>Journal of Physiology and Pharmacology Advances</i> , 2014, 4, 360. | 0.1 | 3 |
| 26 | Investigating the Balance between Th17/Treg Cells in Rheumatoid Arthritis and its Association with Disease Activity. <i>Journal of Child Science</i> , 2019, 09, e75-e83. | 0.1 | 3 |
| 27 | Metagenomic Analysis Reveals the Fate of Antibiotic Resistance Genes in a Full-Scale Wastewater Treatment Plant in Egypt. <i>Sustainability</i> , 2021, 13, 11131. | 1.6 | 3 |
| 28 | The aromatase inhibitor, letrozole: a novel treatment for ectopic pregnancy. <i>Fertility and Sterility</i> , 2019, 112, e81. | 0.5 | 2 |
| 29 | Galaxaura elongata Extract (GE) Modulates Vanadyl Sulfate-Induced Renal Damage via Regulating TGF- β ² /Smads and Nrf2/NF- κ B Pathways. <i>Biological Trace Element Research</i> , 2021, , 1. | 1.9 | 2 |
| 30 | The chemopreventive effects of ginger aqueous and methanolic extracts against alcohol-induced sexual dysfunction in rats. <i>Medical Research Journal</i> , 2013, 12, 108-114. | 0.1 | 1 |
| 31 | Protective role of aqueous rosemary extract against hepatorenal toxicity of paracetamol in male rats. <i>Medical Research Journal</i> , 2014, 13, 51-60. | 0.1 | 1 |