

Mohammed S Almuhayawi

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,028
citations

567144

15
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434063

31
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all docs

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docs citations

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times ranked

1241
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Generating new mixtures of food additives with antimicrobial and cytotoxic potency against <i>Bacillus cereus</i> and <i>Staphylococcus aureus</i> . <i>Food Science and Nutrition</i> , 2022, 10, 470-476. | 1.5 | 1 |
| 2 | Distinction between Antimicrobial Resistance and Putative Virulence Genes Characterization in <i>Plesiomonas shigelloides</i> Isolated from Different Sources. <i>Antibiotics</i> , 2022, 11, 85. | 1.5 | 2 |
| 3 | In Vitro Assessment of Antistaphylococci, Antitumor, Immunological and Structural Characterization of Acidic Bioactive Exopolysaccharides from Marine <i>Bacillus</i> <i>Acerus</i> Isolated from Saudi Arabia. <i>Metabolites</i> , 2022, 12, 132. | 1.3 | 9 |
| 4 | Novel Pomegranate-Nanoparticles Ameliorate Cisplatin-Induced Nephrotoxicity and Improves Cisplatin Anti-Cancer Efficacy in Ehrlich Carcinoma Mice Model. <i>Molecules</i> , 2022, 27, 1605. | 1.7 | 4 |
| 5 | Incidence of Vancomycin-Resistant <i>Staphylococcus aureus</i> Strains among Patients with Urinary Tract Infections. <i>Antibiotics</i> , 2022, 11, 408. | 1.5 | 12 |
| 6 | Anti-Salmonella and Antibiofilm Potency of <i>Salvia officinalis</i> L. Essential Oil against Antibiotic-Resistant <i>Salmonella enterica</i> . <i>Antibiotics</i> , 2022, 11, 489. | 1.5 | 9 |
| 7 | Pits of Date Palm: Bioactive Composition, Antibacterial Activity and Antimutagenicity Potentials. <i>Agronomy</i> , 2022, 12, 54. | 1.3 | 14 |
| 8 | Antioxidant and Wound Healing Potential of <i>Vitis vinifera</i> Seeds Supported by Phytochemical Characterization and Docking Studies. <i>Antioxidants</i> , 2022, 11, 881. | 2.2 | 21 |
| 9 | Insights into the Antimicrobial, Antioxidant, Anti-SARS-CoV-2 and Cytotoxic Activities of <i>Pistacia lentiscus</i> Bark and Phytochemical Profile; In Silico and In Vitro Study. <i>Antioxidants</i> , 2022, 11, 930. | 2.2 | 5 |
| 10 | Influence of elevated CO ₂ on nutritive value and health-promoting prospective of three genotypes of Alfalfa sprouts (<i>Medicago Sativa</i>). <i>Food Chemistry</i> , 2021, 340, 128147. | 4.2 | 24 |
| 11 | Laser light as a promising approach to improve the nutritional value, antioxidant capacity and anti-inflammatory activity of flavonoid-rich buckwheat sprouts. <i>Food Chemistry</i> , 2021, 345, 128788. | 4.2 | 26 |
| 12 | Reverse transcriptase loop-mediated isothermal amplification (RT-LAMP)-based diagnosis: A potential alternative to quantitative real-time PCR based detection of the novel SARS-COV-2 virus. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 942-947. | 1.8 | 8 |
| 13 | Bioactive Potential of Several Actinobacteria Isolated from Microbiologically Barely Explored Desert Habitat, Saudi Arabia. <i>Biology</i> , 2021, 10, 235. | 1.3 | 16 |
| 14 | Minor to Moderate Side Effects of Pfizer-BioNTech COVID-19 Vaccine Among Saudi Residents: A Retrospective Cross-Sectional Study. <i>International Journal of General Medicine</i> , 2021, Volume 14, 1389-1401. | 0.8 | 168 |
| 15 | Effect of Laser Light on Growth, Physiology, Accumulation of Phytochemicals, and Biological Activities of Sprouts of Three <i>Brassica</i> Cultivars. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6240-6250. | 2.4 | 13 |
| 16 | A Novel Nanoformulation of Ellagic Acid is Promising in Restoring Oxidative Homeostasis in Rat Brains with Alzheimer's Disease. <i>Current Drug Metabolism</i> , 2021, 22, 299-307. | 0.7 | 8 |
| 17 | Optimizing the catalytic activities of methanol and thermotolerant <i>Kocuria flava</i> lipases for biodiesel production from cooking oil wastes. <i>Scientific Reports</i> , 2021, 11, 13659. | 1.6 | 20 |
| 18 | Elevated CO ₂ improves the nutritive value, antibacterial, anti-inflammatory, antioxidant and hypocholesterolemic activities of lemongrass sprouts. <i>Food Chemistry</i> , 2021, 357, 129730. | 4.2 | 11 |

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|----|---|-----|-----------|
| 19 | Identification of microorganisms directly from blood culture bottles with polymicrobial growth: comparison of FilmArray and direct MALDI-TOF MS. <i>Apmis</i> , 2021, 129, 178-185. | 0.9 | 5 |
| 20 | Effect of Elevated CO ₂ on Biomolecules™ Accumulation in Caraway (<i>Carum carvi</i> L.) Plants at Different Developmental Stages. <i>Plants</i> , 2021, 10, 2434. | 1.6 | 11 |
| 21 | Bacterial Endophytes as a Promising Approach to Enhance the Growth and Accumulation of Bioactive Metabolites of Three Species of <i>Chenopodium</i> Sprouts. <i>Plants</i> , 2021, 10, 2745. | 1.6 | 13 |
| 22 | Propolis as a novel antibacterial agent. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3079-3086. | 1.8 | 121 |
| 23 | Antidiabetic effects of novel ellagic acid nanoformulation: Insulin-secreting and anti-apoptosis effects. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3474-3480. | 1.8 | 18 |
| 24 | Elevated CO ₂ improves glucosinolate metabolism and stimulates anticancer and anti-inflammatory properties of broccoli sprouts. <i>Food Chemistry</i> , 2020, 328, 127102. | 4.2 | 44 |
| 25 | The potential role of pomegranate and its nano-formulations on cerebral neurons in aluminum chloride induced Alzheimer rat model. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1710-1716. | 1.8 | 32 |
| 26 | Effects of <i>Phoenix dactylifera</i> Ajwa on Infection, Hospitalization, and Survival Among Pediatric Cancer Patients in a University Hospital: A Nonrandomized Controlled Trial. <i>Integrative Cancer Therapies</i> , 2019, 18, 153473541982883. | 0.8 | 8 |
| 27 | Effects of Honey on Oral Mucositis among Pediatric Cancer Patients Undergoing Chemo/Radiotherapy Treatment at King Abdulaziz University Hospital in Jeddah, Kingdom of Saudi Arabia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-7. | 0.5 | 42 |
| 28 | <i>Nigella sativa</i> and Saudi honey diminish infections and improve the survival in a kostmann's syndrome patient: Case report. <i>Journal of Applied Hematology</i> , 2017, 8, 119. | 0.1 | 1 |
| 29 | Controlled Evaluation of the New BacT/Alert Virtuo Blood Culture System for Detection and Time to Detection of Bacteria and Yeasts. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1148-1151. | 1.8 | 40 |
| 30 | Rapid identification of <i>Streptococcus pneumoniae</i> in blood cultures by using the Immulex, Slidex and Wellcogen latex agglutination tests and the BinaxNOW antigen test. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016, 35, 579-585. | 1.3 | 5 |
| 31 | Rapid Identification of Microorganisms from Sterile Body Fluids by Use of FilmArray. <i>Journal of Clinical Microbiology</i> , 2015, 53, 710-712. | 1.8 | 29 |
| 32 | The Performance of the Four Anaerobic Blood Culture Bottles BacT/ALERT-FN, -FN Plus, BACTEC-Plus and -Lytic in Detection of Anaerobic Bacteria and Identification by Direct MALDI-TOF MS. <i>PLoS ONE</i> , 2015, 10, e0142398. | 1.1 | 28 |
| 33 | Identification of Microorganisms by FilmArray and Matrix-Assisted Laser Desorption Ionization-“Time of Flight Mass Spectrometry Prior to Positivity in the Blood Culture System. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3230-3236. | 1.8 | 19 |
| 34 | Clinical Evaluation of the FilmArray Blood Culture Identification Panel in Identification of Bacteria and Yeasts from Positive Blood Culture Bottles. <i>Journal of Clinical Microbiology</i> , 2013, 51, 4130-4136. | 1.8 | 241 |