

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
h-index

434063

31
g-index

34
all docs

34
docs citations

34
times ranked

1241
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Propolis as a novel antibacterial agent. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3079-3086.	1.8	121
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	Bioactive Potential of Several Actinobacteria Isolated from Microbiologically Barely Explored Desert Habitat, Saudi Arabia. <i>Biology</i> , 2021, 10, 235.	1.3	16
17	Pits of Date Palm: Bioactive Composition, Antibacterial Activity and Antimutagenicity Potentials. <i>Agronomy</i> , 2022, 12, 54.	1.3	14
18	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

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19	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
20	Incidence of Vancomycin-Resistant <i>Staphylococcus aureus</i> Strains among Patients with Urinary Tract Infections. <i>Antibiotics</i> , 2022, 11, 408.	1.5	12
21	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
22	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
23	In Vitro Assessment of Antistaphylococci, Antitumor, Immunological and Structural Characterization of Acidic Bioactive Exopolysaccharides from Marine <i>Bacillus</i> Isolated from Saudi Arabia. <i>Metabolites</i> , 2022, 12, 132.	1.3	9
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	<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
34	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