

Galal Ali Esmail

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,117
citations

361045

20
h-index

395343

33
g-index

38
all docs

38
docs citations

38
times ranked

1166
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of biohybrid electrospun nanofibers for the eradication of wound infection and drug-resistant pathogens. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 609, 125691.	2.3	12
2	Removal of nitrogen from wastewater of date processing industries using a Saudi Arabian mesophilic bacterium, <i>Stenotrophomonas maltophilia</i> Al-Dhabi-17 in sequencing batch reactor. <i>Chemosphere</i> , 2021, 268, 128636.	4.2	23
3	Effective degradation of tetracycline by manganese peroxidase producing <i>Bacillus velezensis</i> strain Al-Dhabi 140 from Saudi Arabia using fibrous-bed reactor. <i>Chemosphere</i> , 2021, 268, 128726.	4.2	33
4	Conversion of waste frying oil into biodiesel using recoverable nanocatalyst based on magnetic graphene oxide supported ternary mixed metal oxide nanoparticles. <i>Bioresource Technology</i> , 2021, 323, 124561.	4.8	38
5	Pharmacological importance of TG12 from tachykinin and its toxicological behavior against multidrug-resistant bacteria <i>Klebsiella pneumoniae</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 245, 108974.	1.3	6
6	Shotgun whole genome sequencing of drug-resistance <i>Streptococcus anginosus</i> strain 47S1 isolated from a patient with pharyngitis in Saudi Arabia. <i>Journal of Infection and Public Health</i> , 2021, 14, 1740-1749.	1.9	0
7	Chemical constituents of <i>Streptomyces</i> sp. strain Al-Dhabi-97 isolated from the marine region of Saudi Arabia with antibacterial and anticancer properties. <i>Journal of Infection and Public Health</i> , 2020, 13, 235-243.	1.9	25
8	Characterization and fermentation optimization of novel thermo stable alkaline protease from <i>Streptomyces</i> sp. Al-Dhabi-82 from the Saudi Arabian environment for eco-friendly and industrial applications. <i>Journal of King Saud University - Science</i> , 2020, 32, 1258-1264.	1.6	33
9	Metabolite profiling of <i>Streptomyces</i> sp. Al-Dhabi-100 isolated from the marine environment in Saudi Arabia with anti-bacterial, anti-tubercular and anti-oxidant potentials. <i>Journal of King Saud University - Science</i> , 2020, 32, 1628-1633.	1.6	11
10	The down regulation of PTP1B expression and attenuation of disturbed glucose and lipid metabolism using <i>Borassus flabellifer</i> (L) fruit methanol extract in high fat diet and streptozotocin induced diabetic rats. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 433-440.	1.8	6
11	Isolation and screening of <i>Streptomyces</i> sp. Al-Dhabi-49 from the environment of Saudi Arabia with concomitant production of lipase and protease in submerged fermentation. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 474-479.	1.8	42
12	Isolation and purification of starch hydrolysing amylase from <i>Streptomyces</i> sp. Al-Dhabi-46 obtained from the Jazan region of Saudi Arabia with industrial applications. <i>Journal of King Saud University - Science</i> , 2020, 32, 1226-1232.	1.6	19
13	Probiotic and Antioxidant Potential of <i>Lactobacillus reuteri</i> LR12 and <i>Lactobacillus lactis</i> LL10 Isolated from Pineapple Puree and Quality Analysis of Pineapple-Flavored Goat Milk Yoghurt during Storage. <i>Microorganisms</i> , 2020, 8, 1461.	1.6	49
14	Photo-mediated biosynthesis and characterization of silver nanoparticles using bacterial xylanases as reductant: Role of synthesized product (Xyl-AgNPs) in fruits juice clarification. <i>Surfaces and Interfaces</i> , 2020, 21, 100747.	1.5	6
15	Sustainable conversion of palm juice wastewater into extracellular polysaccharides for absorption of heavy metals from Saudi Arabian wastewater. <i>Journal of Cleaner Production</i> , 2020, 277, 124252.	4.6	19
16	Synthesis and characterization of zinc oxide nanostructures and its assessment on enhanced bacterial inhibition and photocatalytic degradation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 210, 111965.	1.7	34
17	Synthesis and characterization of proanthocyanidin-chitosan nanoparticles: An assessment on human colorectal carcinoma HT-29 cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 210, 111966.	1.7	12
18	Fer1L5, a Dysferlin Homologue Present in Vesicles and Involved in C2C12 Myoblast Fusion and Membrane Repair. <i>Biology</i> , 2020, 9, 386.	1.3	3

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19	Enhanced Production of Biosurfactant from <i>Bacillus subtilis</i> Strain Al-Dhabi-130 under Solid-State Fermentation Using Date Molasses from Saudi Arabia for Bioremediation of Crude-Oil-Contaminated Soils. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8446.	1.2	36
20	Co-Fermentation of Food Waste and Municipal Sludge from the Saudi Arabian Environment to Improve Lactic Acid Production by <i>Lactobacillus rhamnosus</i> AW3 Isolated from Date Processing Waste. <i>Sustainability</i> , 2020, 12, 6899.	1.6	16
21	Nephroprotective effect of pigmented violacein isolated from <i>Chromobacterium violaceum</i> in wistar rats. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3307-3312.	1.8	7
22	Probiotic characteristics of <i>Lactobacillus</i> strains isolated from cheese and their antibacterial properties against gastrointestinal tract pathogens. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3505-3513.	1.8	38
23	Essential oils of <i>Cinnamomum loureirii</i> and <i>Evolvulus alsinoides</i> protect guava fruits from spoilage bacteria, fungi and insect (<i>Pseudococcus longispinus</i>). <i>Industrial Crops and Products</i> , 2020, 154, 112629.	2.5	22
24	Green synthesis and characterization of silver nanoparticles from <i>Moringa oleifera</i> flower and assessment of antimicrobial and sensing properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 205, 111836.	1.7	146
25	Photo-activated synthesis and characterization of gold nanoparticles from <i>Punica granatum</i> L. seed oil: An assessment on antioxidant and anticancer properties for functional yoghurt nutraceuticals. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 206, 111868.	1.7	29
26	Purification and characterization of anti-tubercular and anticancer protein from <i>Staphylococcus hominis</i> strain MANF2: In silico structural and functional insight of peptide. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1107-1116.	1.8	13
27	Potential effect of <i>Allium sativum</i> bulb for the treatment of biofilm forming clinical pathogens recovered from periodontal and dental caries. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1428-1434.	1.8	29
28	Biosynthesis of silver and gold nanoparticles using <i>Musa acuminata</i> colla flower and its pharmaceutical activity against bacteria and anticancer efficacy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 201, 111670.	1.7	128
29	Environmental friendly synthesis of silver nanomaterials from the promising <i>Streptomyces parvus</i> strain Al-Dhabi-91 recovered from the Saudi Arabian marine regions for antimicrobial and antioxidant properties. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111529.	1.7	38
30	Egg Protein Transferrin-Derived Peptides IRW and IQW Regulate <i>Citrobacter rodentium</i> -Induced, Inflammation-Related Microbial and Metabolomic Profiles. <i>Frontiers in Microbiology</i> , 2019, 10, 643.	1.5	31
31	Chemical profiling of <i>Streptomyces</i> sp. Al-Dhabi-2 recovered from an extreme environment in Saudi Arabia as a novel drug source for medical and industrial applications. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 758-766.	1.8	42
32	Bioactivity assessment of the Saudi Arabian Marine <i>Streptomyces</i> sp. Al-Dhabi-90, metabolic profiling and its in vitro inhibitory property against multidrug resistant and extended-spectrum beta-lactamase clinical bacterial pathogens. <i>Journal of Infection and Public Health</i> , 2019, 12, 549-556.	1.9	50
33	Optimizing the Management of Cadmium Bioremediation Capacity of Metal-Resistant <i>Pseudomonas</i> sp. Strain Al-Dhabi-126 Isolated from the Industrial City of Saudi Arabian Environment. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4788.	1.2	30
34	Composting of Vegetable Waste Using Microbial Consortium and Biocontrol Efficacy of <i>Streptomyces</i> Sp. Al-Dhabi 30 Isolated from the Saudi Arabian Environment for Sustainable Agriculture. <i>Sustainability</i> , 2019, 11, 6845.	1.6	17
35	Eco-friendly formulation of wild <i>Bacillus thuringiensis</i> secondary metabolites through molecular characterization against the lepidopteran pest. <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 93-104.	1.3	8
36	Hypersaline Actinomycetes and Their Biological Applications. , 2016, , .		3

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37	Managing Pests and Diseases of Grain Legumes with Secondary Metabolites from Actinomycetes. , 2016, , 83-98.		2
38	Isolation, identification and screening of antimicrobial thermophilic Streptomyces sp. Al-Dhabi-1 isolated from Tharban hot spring, Saudi Arabia. Extremophiles, 2016, 20, 79-90.	0.9	61