Mohamed A Hassan

List of Publications by Year
in descending order

26 papers	1,747 citations	279701 23 h-index	610775 24 g-index
27 all docs	27 docs citations	27 times ranked	1984 citing authors

#	Article	IF	Citations
1	Prevalence, antimicrobial resistance profile, and characterization of multi-drug resistant bacteria from various infected wounds in North Egypt. Saudi Journal of Biological Sciences, 2022, 29, 2978-2988.	1.8	32
2	Antioxidant and antibacterial polyelectrolyte wound dressing based on chitosan/hyaluronan/phosphatidylcholine dihydroquercetin. International Journal of Biological Macromolecules, 2021, 166, 18-31.	3.6	90
3	Formulation of Quaternized Aminated Chitosan Nanoparticles for Efficient Encapsulation and Slow Release of Curcumin. Molecules, 2021, 26, 449.	1.7	50
4	Hemostatic and antibacterial PVA/Kaolin composite sponges loaded with penicillinâ€“streptomycin for wound dressing applications. Scientific Reports, 2021, 11, 3428.	1.6	79
5	Optimization, purification, and biochemical characterization of thermoalkaliphilic lipase from a novel Geobacillus stearothermophilus FMR12 for detergent formulations. International Journal of Biological Macromolecules, 2021, 181, 125-135.	3.6	36
6	Conditional Loss of BAF (mSWI/SNF) Scaffolding Subunits Affects Specification and Proliferation of Oligodendrocyte Precursors in Developing Mouse Forebrain. Frontiers in Cell and Developmental Biology, 2021, 9, 619538.	1.8	6
7	Development of Polyvinyl Alcohol/Kaolin Sponges Stimulated by Marjoram as Hemostatic, Antibacterial, and Antioxidant Dressings for Wound Healing Promotion. International Journal of Molecular Sciences, 2021, 22, 13050.	1.8	41
8	Enhancement of wound healing by chitosan/hyaluronan polyelectrolyte membrane loaded with glutathione: in vitro and in vivo evaluations. Journal of Biotechnology, 2020, 310, 103-113.	1.9	57
9	Bacterial nanocellulose from agro-industrial wastes: low-cost and enhanced production by Komagataeibacter saccharivorans MD1. Scientific Reports, 2020, 10, 3491.	1.6	143
10	Comprehensive insights into microbial keratinases and their implication in various biotechnological and industrial sectors: A review. International Journal of Biological Macromolecules, 2020, 154, 567-583.	3.6	67
11	Biochemical characterisation and application of keratinase from Bacillus thuringiensis MT1 to enable valorisation of hair wastes through biosynthesis of vitamin B-complex. International Journal of Biological Macromolecules, 2020, 153, 561-572.	3.6	43
12	Statistical optimization studies for polyhydroxybutyrate (PHB) production by novel Bacillus subtilis using agricultural and industrial wastes. International Journal of Environmental Science and Technology, 2019, 16, 3497-3512.	1.8	61
13	Insight into multidrug-resistant microorganisms from microbial infected diabetic foot ulcers. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 1261-1270.	1.8	59
14	Effect of tween 20 as Plasticizer on cinnamyl chitosan membranes: Preparation, characterization and antimicrobial evaluation. Egyptian Journal of Chemistry, 2019, .	0.1	0
15	Chitosan/hyaluronan/edaravone membranes for anti-inflammatory wound dressing: In vitro and in vivo evaluation studies. Materials Science and Engineering C, 2018, 90, 227-235.	3.8	100
16	Hydroxyethyl cellulose hydrogel for wound dressing: Fabrication, characterization and in vitro evaluation. International Journal of Biological Macromolecules, 2018, 111, 649-659.	3.6	131
17	Preparation, physicochemical characterization and antimicrobial activities of novel two phenolic chitosan Schiff base derivatives. Scientific Reports, 2018, 8, 11416.	1.6	147
18	MitoQ Loaded Chitosan-Hyaluronan Composite Membranes for Wound Healing. Materials, 2018, 11, 569.	1.3	82

#	Article	IF	Citations
19	Antibacterial and antioxidative activity of O-amine functionalized chitosan. Carbohydrate Polymers, 2017, 169, 441-450.	5.1	110
20	Production of Thermoalkaliphilic Lipase fromGeobacillus thermoleovoransDA2 and Application in Leather Industry. Enzyme Research, 2016, 2016, 1-9.	1.8	48
21	Development of amphoteric alginate/aminated chitosan coated microbeads for oral protein delivery. International Journal of Biological Macromolecules, 2016, 92, 362-370.	3.6	65
22	Synthesis, characterization and antimicrobial evaluation of two aromatic chitosan Schiff base derivatives. Process Biochemistry, 2016, 51, 1721-1730.	1.8	110
23	Production and Application of Extracellular Laccase Produced by Fusarium oxysporum EMT. International Journal of Agriculture and Biology, 2016, , 939-947.	0.2	26
24	Protective Role of Omega-3 Polyunsaturated Fatty Acid against Lead Acetate-Induced Toxicity in Liver and Kidney of Female Rats. BioMed Research International, 2014, 2014, 1-11.	0.9	84
25	Production and Characterization of Keratinolytic Protease from New Wool-DegradingBacillusSpecies Isolated from Egyptian Ecosystem. BioMed Research International, 2013, 2013, 1-14.	0.9	36
26	Production and characterization of polyhydroxybutyrate (PHB) produced by Bacillus sp. isolated from Egypt. Journal of Applied Pharmaceutical Science, 0, , 046-051.	0.7	44