

Mohamed A Hassan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,747
citations

279487

23
h-index

610482

24
g-index

27
all docs

27
docs citations

27
times ranked

1984
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation, physicochemical characterization and antimicrobial activities of novel two phenolic chitosan Schiff base derivatives. <i>Scientific Reports</i> , 2018, 8, 11416.	1.6	147
2	Bacterial nanocellulose from agro-industrial wastes: low-cost and enhanced production by <i>Komagataeibacter saccharivorans</i> MD1. <i>Scientific Reports</i> , 2020, 10, 3491.	1.6	143
3	Hydroxyethyl cellulose hydrogel for wound dressing: Fabrication, characterization and in vitro evaluation. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 649-659.	3.6	131
4	Synthesis, characterization and antimicrobial evaluation of two aromatic chitosan Schiff base derivatives. <i>Process Biochemistry</i> , 2016, 51, 1721-1730.	1.8	110
5	Antibacterial and antioxidative activity of O-amine functionalized chitosan. <i>Carbohydrate Polymers</i> , 2017, 169, 441-450.	5.1	110
6	Chitosan/hyaluronan/edaravone membranes for anti-inflammatory wound dressing: In vitro and in vivo evaluation studies. <i>Materials Science and Engineering C</i> , 2018, 90, 227-235.	3.8	100
7	Antioxidant and antibacterial polyelectrolyte wound dressing based on chitosan/hyaluronan/phosphatidylcholine dihydroquercetin. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 18-31.	3.6	90
8	Protective Role of Omega-3 Polyunsaturated Fatty Acid against Lead Acetate-Induced Toxicity in Liver and Kidney of Female Rats. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	84
9	MitoQ Loaded Chitosan-Hyaluronan Composite Membranes for Wound Healing. <i>Materials</i> , 2018, 11, 569.	1.3	82
10	Hemostatic and antibacterial PVA/Kaolin composite sponges loaded with penicillinâ€“streptomycin for wound dressing applications. <i>Scientific Reports</i> , 2021, 11, 3428.	1.6	79
11	Comprehensive insights into microbial keratinases and their implication in various biotechnological and industrial sectors: A review. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 567-583.	3.6	67
12	Development of amphoteric alginate/aminated chitosan coated microbeads for oral protein delivery. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 362-370.	3.6	65
13	Statistical optimization studies for polyhydroxybutyrate (PHB) production by novel <i>Bacillus subtilis</i> using agricultural and industrial wastes. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 3497-3512.	1.8	61
14	Insight into multidrug-resistant microorganisms from microbial infected diabetic foot ulcers. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 1261-1270.	1.8	59
15	Enhancement of wound healing by chitosan/hyaluronan polyelectrolyte membrane loaded with glutathione: in vitro and in vivo evaluations. <i>Journal of Biotechnology</i> , 2020, 310, 103-113.	1.9	57
16	Formulation of Quaternized Aminated Chitosan Nanoparticles for Efficient Encapsulation and Slow Release of Curcumin. <i>Molecules</i> , 2021, 26, 449.	1.7	50
17	Production of Thermoalkaliphilic Lipase from <i>Geobacillus thermoleovorans</i> DA2 and Application in Leather Industry. <i>Enzyme Research</i> , 2016, 2016, 1-9.	1.8	48
18	Production and characterization of polyhydroxybutyrate (PHB) produced by <i>Bacillus</i> sp. isolated from Egypt. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 046-051.	0.7	44

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19	Biochemical characterisation and application of keratinase from <i>Bacillus thuringiensis</i> MT1 to enable valorisation of hair wastes through biosynthesis of vitamin B-complex. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 561-572.	3.6	43
20	Development of Polyvinyl Alcohol/Kaolin Sponges Stimulated by Marjoram as Hemostatic, Antibacterial, and Antioxidant Dressings for Wound Healing Promotion. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13050.	1.8	41
21	Production and Characterization of Keratinolytic Protease from New Wool-Degrading <i>Bacillus</i> Species Isolated from Egyptian Ecosystem. <i>BioMed Research International</i> , 2013, 2013, 1-14.	0.9	36
22	Optimization, purification, and biochemical characterization of thermoalkaliphilic lipase from a novel <i>Geobacillus stearothermophilus</i> FMR12 for detergent formulations. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 125-135.	3.6	36
23	Prevalence, antimicrobial resistance profile, and characterization of multi-drug resistant bacteria from various infected wounds in North Egypt. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2978-2988.	1.8	32
24	Production and Application of Extracellular Laccase Produced by <i>Fusarium oxysporum</i> EMT. <i>International Journal of Agriculture and Biology</i> , 2016, , 939-947.	0.2	26
25	Conditional Loss of BAF (mSWI/SNF) Scaffolding Subunits Affects Specification and Proliferation of Oligodendrocyte Precursors in Developing Mouse Forebrain. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 619538.	1.8	6
26	Effect of tween 20 as Plasticizer on cinnamyl chitosan membranes: Preparation, characterization and antimicrobial evaluation. <i>Egyptian Journal of Chemistry</i> , 2019, .	0.1	0