Saleh A Mohamed

List of Publications by Year in Descending Order

51 papers	1,089 citations	24 h-index	30 g-index
52 ext. papers	1,382 ext. citations	3.9 avg, IF	4.77 L-index

#	Paper	IF	Citations
51	Biotechnology approach using watermelon rind for optimization of □amylase enzyme production from Trichoderma virens using response surface methodology under solid-state fermentation. *Folia Microbiologica*, **2021**, 67, 253	2.8	2
50	Improvement of enzymatic properties and decolorization of azo dye: immobilization of horseradish peroxidase on cationic maize starch. *Biocatalysis and Agricultural Biotechnology*, **2021**, 38, 102208	4.2	1
49	Immobilization of horseradish peroxidase on cationic microporous starch: Physico-bio-chemical characterization and removal of phenolic compounds. *International Journal of Biological Macromolecules*, **2021**, 181, 734-742	7.9	9
48	Immobilization of Camel Liver Catalase on Nanosilver-Coated Cotton Fabric. *Catalysts*, **2021**, 11, 900	4	3
47	Purification and characterization of peroxidases from garden cress sprouts and their roles in lignification and removal of phenol and p-chlorophenol. *Journal of Food Biochemistry*, **2021**, 45, e13526	3.3	6
46	Egyptian chia seeds (L.) during germination: Upgrading of phenolic profile, antioxidant, antibacterial properties and relevant enzymes activities. *Food Science and Biotechnology*, **2021**, 30, 723-734	3	5
45	Synthesis of hemicyanine-based chitosan ligands in dye-affinity chromatography for the purification of chewing stick peroxidase. *International Journal of Biological Macromolecules*, **2020**, 148, 401-414	7.9	7
44	Purification and characterization of cationic peroxidase from ginger (Zingiber officinale). *Bulletin of the National Research Centre*, **2020**, 44,	3	6
43	Date palm and saw palmetto seeds functional properties: antioxidant, anti-inflammatory and antimicrobial activities. *Journal of Food Measurement and Characterization*, **2020**, 14, 1064-1072	2.8	24
42	Engineering Lipase Enzyme Nano-powder Using Nano Spray Dryer B□CHI B-90: Experimental and Factorial Design Approach for a Stable Biocatalyst Production. *Journal of Pharmaceutical Innovation* , **2020**, 1	1.8	6
41	Diabetic complications and oxidative stress: The role of phenolic-rich extracts of saw palmetto and date palm seeds. *Journal of Food Biochemistry*, **2020**, 44, e13416	3.3	4
40	Immobilisation of □amylase on activated amidrazone acrylic fabric: a new approach for the enhancement of enzyme stability and reusability. *Scientific Reports*, **2019**, 9, 12672	4.9	21
39	Amidrazone modified acrylic fabric activated with cyanuric chloride: A novel and efficient support for horseradish peroxidase immobilization and phenol removal. *International Journal of Biological Macromolecules*, **2019**, 140, 949-958	7.9	27
38	Impact of solid state fermentation by Trichoderma spp. on phenolic content, antioxidant and antibacterial activities of curry leaf powder. *Journal of Food Measurement and Characterization*, **2019**, 13, 1333-1340	2.8	2
37	Ficus carica, Ficus sycomorus and Euphorbia tirucalli latex extracts: Phytochemical screening, antioxidant and cytotoxic properties. *Biocatalysis and Agricultural Biotechnology*, **2019**, 20, 101199	4.2	24
36	Optimization of nano spray drying parameters for production of □amylase nanopowder for biotheraputic applications using factorial design. *Drying Technology*, **2019**, 37, 2152-2160	2.6	20
35	Impact of germination on antioxidant capacity of garden cress: New calculation for determination of total antioxidant activity. *Scientia Horticulturae*, **2019**, 246, 155-160	4.1	13

34	Efficient water disinfection using hybrid polyaniline/graphene/carbon nanotube nanocomposites. *Environmental Technology (United Kingdom)*, **2019**, 40, 2813-2824	2.6	18
33	Postharvest gum Arabic and salicylic acid dipping affect quality and biochemical changes of Grand Nain bananas during shelf life. *Scientia Horticulturae*, **2018**, 237, 51-58	4.1	31
32	Development of novel delivery system for nanoencapsulation of catalase: formulation, characterization, and in vivo evaluation using oxidative skin injury model. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 362-371	6.1	14
31	Immobilization of Trichoderma harzianum amylase on PPyAgNp/FeO-nanocomposite: chemical and physical properties. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 201-206	6.1	24
30	Phenolic-antioxidant capacity of mango seed kernels: therapeutic effect against viper venoms. *Revista Brasileira De Farmacognosia*, **2018**, 28, 594-601	2	18
29	latex: An efficient alternative Egyptian source for horseradish peroxidase in labeling with antibodies for immunodiagnostic kits. *Veterinary World*, **2018**, 11, 1364-1370	1.7	8
28	Immobilization of horseradish peroxidase on PMMA nanofibers incorporated with nanodiamond. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, S973-S981	6.1	29
27	Postharvest chitosan, gallic acid and chitosan gallate treatments effects on shelf life quality, antioxidant compounds, free radical scavenging capacity and enzymes activities of 'Sukkari' bananas. *Journal of Food Science and Technology*, **2017**, 54, 447-457	3.3	18
26	Immobilization of horseradish peroxidase on Fe3O4 magnetic nanoparticles. *Electronic Journal of Biotechnology*, **2017**, 27, 84-90	3.1	75
25	Quality, antioxidant compounds, antioxidant capacity and enzymes activity of El-Bayadi table grapes at harvest as affected by preharvest salicylic acid and gibberellic acid spray. *Scientia Horticulturae*, **2017**, 220, 243-249	4.1	26
24	Investigation of antioxidant and detoxifying capacities of some date cultivars (Phoenix dactylifera L.) irrigated with sewage water. *RSC Advances*, **2017**, 7, 12953-12958	3.7	11
23	Synthesis of nanocomposites of polypyrrole/carbon nanotubes/silver nano particles and their application in water disinfection. *RSC Advances*, **2017**, 7, 16878-16884	3.7	32
22	Postharvest chitosan , trans -resveratrol and glycine betaine dipping affect quality, antioxidant compounds, free radical scavenging capacity and enzymes activities of Sukkari bananas during shelf life. *Scientia Horticulturae*, **2017**, 219, 173-181	4.1	7
21	Developmental changes in phenolic compounds, antioxidant capacity and enzymes activity in skin of El-Bayadi table grapes. *Scientia Horticulturae*, **2017**, 224, 219-225	4.1	3
20	Quality and biochemical changes of 'Hindi-Besennara' mangoes during shelf life as affected by chitosan, gallic acid and chitosan gallate. *Journal of Food Science and Technology*, **2017**, 54, 4139-4148	3.3	9
19	Immobilization of horseradish peroxidase on amidoximated acrylic polymer activated by cyanuric chloride. *International Journal of Biological Macromolecules*, **2016**, 91, 663-70	7.9	33
18	Total phenolic and flavonoid contents and antioxidant activities of sixteen commercial date cultivars grown in Saudi Arabia. *RSC Advances*, **2016**, 6, 44814-44819	3.7	26
17	Saccharification and hydrolytic enzyme production of alkali pre-treated wheat bran by Trichoderma virens under solid state fermentation. *BMC Biotechnology*, **2015**, 15, 37	3.5	32

16	Antioxidant activity, antioxidant compounds, antioxidant and hydrolytic enzymes activities of Barhee dates at harvest and during storage as affected by pre-harvest spray of some growth regulators. *Scientia Horticulturae*, **2014**, 167, 91-99	4.1	32
15	Changes of antioxidant capacity and oxidoreductases of Saudi date cultivars (Phoenix dactylifera L.) during storage. *Scientia Horticulturae*, **2014**, 170, 275-280	4.1	20
14	Solid fermentation of wheat bran for hydrolytic enzymes production and saccharification content by a local isolate Bacillus megatherium. *BMC Biotechnology*, **2014**, 14, 29	3.5	44
13	Immobilization of Trichoderma harzianum amylase on treated wool: optimization and characterization. *Molecules*, **2014**, 19, 8027-38	4.8	25
12	Comparison of the potential of Ficus sycomorus latex and horseradish peroxidases in the decolorization of synthetic and natural dyes. *Journal of Genetic Engineering and Biotechnology*, **2013**, 11, 95-102	3.1	16
11	Solid state production of polygalacturonase and xylanase by Trichoderma species using cantaloupe and watermelon rinds. *Journal of Microbiology*, **2013**, 51, 605-11	3	29
10	Horseradish peroxidase and chitosan: activation, immobilization and comparative results. *International Journal of Biological Macromolecules*, **2013**, 60, 295-300	7.9	42
9	Immobilization of horseradish peroxidase on activated wool. *Process Biochemistry*, **2013**, 48, 649-655	4.8	35
8	Biochemical Changes in Fruit of an Early and a Late Date Palm Cultivar During Development and Ripening. *International Journal of Fruit Science*, **2011**, 11, 167-183	1.2	21
7	Antioxidant capacity, antioxidant compounds and antioxidant enzyme activities in five date cultivars during development and ripening. *Scientia Horticulturae*, **2011**, 129, 688-693	4.1	48
6	Characterisation of an anionic peroxidase from horseradish cv. Balady. *Food Chemistry*, **2011**, 128, 725-730	3.5	32
5	Immobilization of horseradish peroxidase on nonwoven polyester fabric coated with chitosan. *Applied Biochemistry and Biotechnology*, **2008**, 144, 169-79	3.2	37
4	Characterization of an exopolygalacturonase from Aspergillus niger. *Applied Biochemistry and Biotechnology*, **2008**, 149, 205-17	3.2	11
3	Properties of a cationic peroxidase from Citrus jambhiri cv. Adalia. *Applied Biochemistry and Biotechnology*, **2008**, 150, 127-37	3.2	26
2	Biochemical characterization of an extracellular polygalacturonase from Trichoderma harzianum. *Journal of Biotechnology*, **2006**, 127, 54-64	3.7	39
1	New polygalacturonases from Trichoderma reesei: characterization and their specificities to partially methylated and acetylated pectins. *Carbohydrate Research*, **2003**, 338, 515-24	2.9	37