

# Saleh A Mohamed

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Immobilization of horseradish peroxidase on Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles. <i>Electronic Journal of Biotechnology</i> , <b>2017</b> , 27, 84-90	3.1	75
50	Antioxidant capacity, antioxidant compounds and antioxidant enzyme activities in five date cultivars during development and ripening. <i>Scientia Horticulturae</i> , <b>2011</b> , 129, 688-693	4.1	48
49	Solid fermentation of wheat bran for hydrolytic enzymes production and saccharification content by a local isolate <i>Bacillus megatherium</i> . <i>BMC Biotechnology</i> , <b>2014</b> , 14, 29	3.5	44
48	Horseradish peroxidase and chitosan: activation, immobilization and comparative results. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 60, 295-300	7.9	42
47	Biochemical characterization of an extracellular polygalacturonase from <i>Trichoderma harzianum</i> . <i>Journal of Biotechnology</i> , <b>2006</b> , 127, 54-64	3.7	39
46	Immobilization of horseradish peroxidase on nonwoven polyester fabric coated with chitosan. <i>Applied Biochemistry and Biotechnology</i> , <b>2008</b> , 144, 169-79	3.2	37
45	New polygalacturonases from <i>Trichoderma reesei</i> : characterization and their specificities to partially methylated and acetylated pectins. <i>Carbohydrate Research</i> , <b>2003</b> , 338, 515-24	2.9	37
44	Immobilization of horseradish peroxidase on activated wool. <i>Process Biochemistry</i> , <b>2013</b> , 48, 649-655	4.8	35
43	Immobilization of horseradish peroxidase on amidoximated acrylic polymer activated by cyanuric chloride. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 91, 663-70	7.9	33
42	Synthesis of nanocomposites of polypyrrole/carbon nanotubes/silver nano particles and their application in water disinfection. <i>RSC Advances</i> , <b>2017</b> , 7, 16878-16884	3.7	32
41	Saccharification and hydrolytic enzyme production of alkali pre-treated wheat bran by <i>Trichoderma virens</i> under solid state fermentation. <i>BMC Biotechnology</i> , <b>2015</b> , 15, 37	3.5	32
40	Antioxidant activity, antioxidant compounds, antioxidant and hydrolytic enzymes activities of Barheel dates at harvest and during storage as affected by pre-harvest spray of some growth regulators. <i>Scientia Horticulturae</i> , <b>2014</b> , 167, 91-99	4.1	32
39	Characterisation of an anionic peroxidase from horseradish cv. Balady. <i>Food Chemistry</i> , <b>2011</b> , 128, 725-730	3.5	32
38	Postharvest gum Arabic and salicylic acid dipping affect quality and biochemical changes of Grand Nain bananas during shelf life. <i>Scientia Horticulturae</i> , <b>2018</b> , 237, 51-58	4.1	31
37	Solid state production of polygalacturonase and xylanase by <i>Trichoderma</i> species using cantaloupe and watermelon rinds. <i>Journal of Microbiology</i> , <b>2013</b> , 51, 605-11	3	29
36	Immobilization of horseradish peroxidase on PMMA nanofibers incorporated with nanodiamond. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, S973-S981	6.1	29
35	Amidrazone modified acrylic fabric activated with cyanuric chloride: A novel and efficient support for horseradish peroxidase immobilization and phenol removal. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 140, 949-958	7.9	27

34	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. <i>Scientia Horticulturae</i> , <b>2017</b> , 220, 243-249	4.1	26
33	Properties of a cationic peroxidase from Citrus jambhiri cv. Adalia. <i>Applied Biochemistry and Biotechnology</i> , <b>2008</b> , 150, 127-37	3.2	26
32	Total phenolic and flavonoid contents and antioxidant activities of sixteen commercial date cultivars grown in Saudi Arabia. <i>RSC Advances</i> , <b>2016</b> , 6, 44814-44819	3.7	26
31	Immobilization of Trichoderma harzianum $\alpha$ -amylase on treated wool: optimization and characterization. <i>Molecules</i> , <b>2014</b> , 19, 8027-38	4.8	25
30	Ficus carica, Ficus sycomorus and Euphorbia tirucalli latex extracts: Phytochemical screening, antioxidant and cytotoxic properties. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2019</b> , 20, 101199	4.2	24
29	Immobilization of Trichoderma harzianum $\alpha$ -amylase on PPyAgNp/FeO-nanocomposite: chemical and physical properties. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 201-206	6.1	24
28	Date palm and saw palmetto seeds functional properties: antioxidant, anti-inflammatory and antimicrobial activities. <i>Journal of Food Measurement and Characterization</i> , <b>2020</b> , 14, 1064-1072	2.8	24
27	Immobilisation of $\alpha$ -amylase on activated amidrazone acrylic fabric: a new approach for the enhancement of enzyme stability and reusability. <i>Scientific Reports</i> , <b>2019</b> , 9, 12672	4.9	21
26	Biochemical Changes in Fruit of an Early and a Late Date Palm Cultivar During Development and Ripening. <i>International Journal of Fruit Science</i> , <b>2011</b> , 11, 167-183	1.2	21
25	Optimization of nano spray drying parameters for production of $\alpha$ -amylase nanopowder for biotherapeutic applications using factorial design. <i>Drying Technology</i> , <b>2019</b> , 37, 2152-2160	2.6	20
24	Changes of antioxidant capacity and oxidoreductases of Saudi date cultivars (Phoenix dactylifera L.) during storage. <i>Scientia Horticulturae</i> , <b>2014</b> , 170, 275-280	4.1	20
23	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. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 447-457	3.3	18
22	Phenolic-antioxidant capacity of mango seed kernels: therapeutic effect against viper venoms. <i>Revista Brasileira De Farmacognosia</i> , <b>2018</b> , 28, 594-601	2	18
21	Efficient water disinfection using hybrid polyaniline/graphene/carbon nanotube nanocomposites. <i>Environmental Technology (United Kingdom)</i> , <b>2019</b> , 40, 2813-2824	2.6	18
20	Comparison of the potential of Ficus sycomorus latex and horseradish peroxidases in the decolorization of synthetic and natural dyes. <i>Journal of Genetic Engineering and Biotechnology</i> , <b>2013</b> , 11, 95-102	3.1	16
19	Development of novel delivery system for nanoencapsulation of catalase: formulation, characterization, and in vivo evaluation using oxidative skin injury model. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2018</b> , 46, 362-371	6.1	14
18	Impact of germination on antioxidant capacity of garden cress: New calculation for determination of total antioxidant activity. <i>Scientia Horticulturae</i> , <b>2019</b> , 246, 155-160	4.1	13
17	Investigation of antioxidant and detoxifying capacities of some date cultivars (Phoenix dactylifera L.) irrigated with sewage water. <i>RSC Advances</i> , <b>2017</b> , 7, 12953-12958	3.7	11

16	Characterization of an exopolysaccharide from <i>Aspergillus niger</i> . <i>Applied Biochemistry and Biotechnology</i> , <b>2008</b> , 149, 205-17	3.2	11
15	Quality and biochemical changes of 'Hindi-Besennara' mangoes during shelf life as affected by chitosan, gallic acid and chitosan gallate. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 4139-4148	3.3	9
14	Immobilization of horseradish peroxidase on cationic microporous starch: Physico-bio-chemical characterization and removal of phenolic compounds. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 181, 734-742	7.9	9
13	latex: An efficient alternative Egyptian source for horseradish peroxidase in labeling with antibodies for immunodiagnostic kits. <i>Veterinary World</i> , <b>2018</b> , 11, 1364-1370	1.7	8
12	Postharvest chitosan , trans -resveratrol and glycine betaine dipping affect quality, antioxidant compounds, free radical scavenging capacity and enzymes activities of Bukkarilbananas during shelf life. <i>Scientia Horticulturae</i> , <b>2017</b> , 219, 173-181	4.1	7
11	Synthesis of hemicyanine-based chitosan ligands in dye-affinity chromatography for the purification of chewing stick peroxidase. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 148, 401-414	7.9	7
10	Purification and characterization of cationic peroxidase from ginger ( <i>Zingiber officinale</i> ). <i>Bulletin of the National Research Centre</i> , <b>2020</b> , 44,	3	6
9	Engineering Lipase Enzyme Nano-powder Using Nano Spray Dryer BÜHI B-90: Experimental and Factorial Design Approach for a Stable Biocatalyst Production. <i>Journal of Pharmaceutical Innovation</i> , <b>2020</b> , 1	1.8	6
8	Purification and characterization of peroxidases from garden cress sprouts and their roles in lignification and removal of phenol and p-chlorophenol. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13526	3.3	6
7	Egyptian chia seeds ( L.) during germination: Upgrading of phenolic profile, antioxidant, antibacterial properties and relevant enzymes activities. <i>Food Science and Biotechnology</i> , <b>2021</b> , 30, 723-734	7.34	5
6	Diabetic complications and oxidative stress: The role of phenolic-rich extracts of saw palmetto and date palm seeds. <i>Journal of Food Biochemistry</i> , <b>2020</b> , 44, e13416	3.3	4
5	Developmental changes in phenolic compounds, antioxidant capacity and enzymes activity in skin of El-Bayadi table grapes. <i>Scientia Horticulturae</i> , <b>2017</b> , 224, 219-225	4.1	3
4	Immobilization of Camel Liver Catalase on Nanosilver-Coated Cotton Fabric. <i>Catalysts</i> , <b>2021</b> , 11, 900	4	3
3	Impact of solid state fermentation by <i>Trichoderma</i> spp. on phenolic content, antioxidant and antibacterial activities of curry leaf powder. <i>Journal of Food Measurement and Characterization</i> , <b>2019</b> , 13, 1333-1340	2.8	2
2	Biotechnology approach using watermelon rind for optimization of $\alpha$ -amylase enzyme production from <i>Trichoderma virens</i> using response surface methodology under solid-state fermentation. <i>Folia Microbiologica</i> , <b>2021</b> , 67, 253	2.8	2
1	Improvement of enzymatic properties and decolorization of azo dye: immobilization of horseradish peroxidase on cationic maize starch. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2021</b> , 38, 102208	4.2	1