

# Entsar I Rabea

## List of Publications by Year in descending order

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31  
papers

4,038  
citations

471371

17  
h-index

552653

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

5445  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan as Antimicrobial Agent: Applications and Mode of Action. <i>Biomacromolecules</i> , 2003, 4, 1457-1465.	2.6	2,503
2	A Biopolymer Chitosan and Its Derivatives as Promising Antimicrobial Agents against Plant Pathogens and Their Applications in Crop Protection. <i>International Journal of Carbohydrate Chemistry</i> , 2011, 2011, 1-29.	1.5	276
3	Potential of the biopolymer chitosan with different molecular weights to control postharvest gray mold of tomato fruit. <i>Postharvest Biology and Technology</i> , 2009, 51, 110-117.	2.9	218
4	Synthesis and Fungicidal Activity of New N,O-Acyl Chitosan Derivatives. <i>Biomacromolecules</i> , 2004, 5, 589-595.	2.6	152
5	Insecticidal and fungicidal activity of new synthesized chitosan derivatives. <i>Pest Management Science</i> , 2005, 61, 951-960.	1.7	143
6	Antimicrobial and inhibitory enzyme activity of N-(benzyl) and quaternary N-(benzyl) chitosan derivatives on plant pathogens. <i>Carbohydrate Polymers</i> , 2014, 111, 670-682.	5.1	95
7	In vitro assessment of N-(benzyl)chitosan derivatives against some plant pathogenic bacteria and fungi. <i>European Polymer Journal</i> , 2009, 45, 237-245.	2.6	89
8	Toxicity and biochemical changes in the honey bee <i>Apis mellifera</i> exposed to four insecticides under laboratory conditions. <i>Apidologie</i> , 2015, 46, 177-193.	0.9	88
9	Fungicidal and Insecticidal Activity of O-Acyl Chitosan Derivatives. <i>Polymer Bulletin</i> , 2005, 54, 279-289.	1.7	71
10	Antimicrobial and antioxidant activities of hydrocarbon and oxygenated monoterpenes against some foodborne pathogens through in vitro and in silico studies. <i>Pesticide Biochemistry and Physiology</i> , 2019, 158, 185-200.	1.6	71
11	Toxic Effect and Biochemical Study of Chlorfluazuron, Oxymatrine, and Spinosad on Honey Bees ( <i>Apis mellifera</i> ). <i>Journal of Apiculture</i> , 2017, 11, 1-10.	2.1	61
12	Enhancement of fungicidal and insecticidal activity by reductive alkylation of chitosan. <i>Pest Management Science</i> , 2006, 62, 890-897.	1.7	48
13	Strawberry Shelf Life, Composition, and Enzymes Activity in Response to Edible Chitosan Coatings. <i>International Journal of Fruit Science</i> , 2017, 17, 117-136.	1.2	45
14	Characterization and antimicrobial activity of water-soluble N-(4-carboxybutyryl) chitosans against some plant pathogenic bacteria and fungi. <i>Carbohydrate Polymers</i> , 2012, 87, 250-256.	5.1	37
15	Synthesis and structure-activity relationship of N-(cinnamyl) chitosan analogs as antimicrobial agents. <i>International Journal of Biological Macromolecules</i> , 2013, 57, 185-192.	3.6	33
16	Synthesis and antifungal property of N-(aryl) and quaternary N-(aryl) chitosan derivatives against <i>Botrytis cinerea</i> . <i>Cellulose</i> , 2014, 21, 3121-3137.	2.4	27
17	The Antibacterial Activity of Chitosan Products Blended with Monoterpenes and Their Biofilms against Plant Pathogenic Bacteria. <i>Scientifica</i> , 2016, 2016, 1-10.	0.6	22
18	Structure and antimicrobial comparison between N-(benzyl) chitosan derivatives and N-(benzyl) chitosan tripolyphosphate nanoparticles against bacteria, fungi, and yeast. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 724-734.	3.6	11

#	ARTICLE	IF	CITATIONS
19	Chitosan and Its Derivatives as Active Ingredients Against Plant Pests and Diseases. , 2016, , 179-219.		10
20	Antimicrobial Activity of Biopolymer Chitosans and Monoterpenes Against the Honeybee Pathogens &Paenibacillus larvae& and Ascospaera apis. Journal of Chitin and Chitosan Science, 2014, 2, 306-310.	0.3	8
21	Synthesis, antibacterial, antioxidant, and molecular docking studies of 6-methylpyrimidin-4(3H)-one and oxo-1,2,4-triazolo[4,3-a]pyrimidine derivatives. Journal of Molecular Structure, 2022, 1249, 131551.	1.8	5
22	Production and Properties of Different Molecular Weights of Chitosan from Marine Shrimp Shells. Journal of Chitin and Chitosan Science, 2016, 4, 46-54.	0.3	5
23	Synthesis and Antimicrobial Activity of N-(6-Carboxyl Cyclohex-3-ene Carbonyl) Chitosan with Different Degrees of Substitution. International Journal of Carbohydrate Chemistry, 2016, 2016, 1-10.	1.5	4
24	Inhibitory effects on microbial growth of Botrytis cinerea and Erwinia carotovora on potato using of a biopolymer chitosan at different molecular weights. Archives of Phytopathology and Plant Protection, 2012, 45, 1939-1949.	0.6	3
25	Current Applications in Food Preservation Based on Marine Biopolymers. , 2018, , 609-650.		3
26	Isolation, characterisation and efficacy of the bacterial strain Lysinibacillus sphaericus YMM in biodegradation of malathion insecticide in liquid media. International Journal of Environmental Studies, 2019, 76, 616-633.	0.7	3
27	In Vitro Assessment of Antimicrobial Property of O-(phenoxyacetic) Chitosan Compounds on Plant Pathogens. Journal of Chitin and Chitosan Science, 2014, 2, 293-298.	0.3	3
28	Synthesis and Antioxidant Activity of Novel 5-amino-2-alkylglycosylthio-1,3,4- thiadiazoles: Regioselective Alkylation and Glycosylation of the 5-amino-1,3,4- thiadiazole-2-thiol Scaffold. Current Organic Synthesis, 2019, 16, 801-809.	0.7	3
29	Chitosan-Based Edible Membranes for Food Packaging. , 2018, , 237-267.		1
30	Plant Lectins as Insecticidal Agents Against Cotton Leafworm Spodoptera littoralis and Their Potential Applications in Crop Protection. Natural Products Journal, 2021, 11, 569-582.	0.1	0
31	Studies on the EC50 of Natural Monoterpenes as Fungal Inhibitors with Quantitative Structure-Activity Relationships (QSARs). Natural Products Journal, 2020, 10, 44-60.	0.1	0