

# Andrea Yamila Mansilla

## List of Publications by Year in Descending Order

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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.

21 papers	303 citations	9 h-index	17 g-index
21 ext. papers	393 ext. citations	4.3 avg, IF	3.57 L-index

#	Paper	IF	Citations
21	Development of Sprayable Sodium Alginate-Seaweed Agricultural Mulches with Nutritional Benefits for Substrates and Plants. <i>Waste and Biomass Valorization</i> , <b>2021</b> , 12, 6035	3.2	4
20	FIGHTING AGAINST PLANT SALINE STRESS: DEVELOPMENT OF A NOVEL BIOACTIVE COMPOSITE BASED ON BENTONITE AND L-PROLINE. <i>Clays and Clay Minerals</i> , <b>2021</b> , 69, 232-242	2.1	3
19	Wheat germin-like protein: Studies on chitin/chitosan matrix for tissue engineering applications. <i>Journal of Bioscience and Bioengineering</i> , <b>2021</b> , 131, 549-556	3.3	3
18	Nanoclay as Carriers of Bioactive Molecules Applied to Agriculture <b>2021</b> , 433-453		0
17	Efficacy of an organically modified bentonite to adsorb 2,4-dichlorophenoxyacetic acid (2,4-D) and prevent its phytotoxicity. <i>Journal of Environmental Management</i> , <b>2021</b> , 297, 113427	7.9	1
16	Characterization of functionalized bentonite as nanocarrier of salicylic acid with protective action against <i>Pseudomonas syringae</i> in tomato plants. <i>European Journal of Plant Pathology</i> , <b>2020</b> , 158, 211-222	2.1	2
15	Amelioration of tomato plants cultivated in organic-matter impoverished soil by supplementation with <i>Undaria pinnatifida</i> . <i>Algal Research</i> , <b>2020</b> , 46, 101785	5	4
14	Nanoclay as Carriers of Bioactive Molecules Applied to Agriculture <b>2020</b> , 1-22		2
13	Macroporous alginate-based hydrogels to control soil substrate moisture: Effect on lettuce plants under drought stress. <i>European Polymer Journal</i> , <b>2020</b> , 137, 109953	5.2	6
12	Chitosan microparticles improve tomato seedling biomass and modulate hormonal, redox and defense pathways. <i>Plant Physiology and Biochemistry</i> , <b>2019</b> , 143, 203-211	5.4	16
11	Effect of Nanoclay Addition on the Biodegradability and Performance of Starch-Based Nanocomposites as Mulch Films. <i>Journal of Polymers and the Environment</i> , <b>2019</b> , 27, 1959-1970	4.5	10
10	The use of glycerol as reactive solvent in the one-pot synthesis of antibacterial hybrid organic/inorganic coatings with photothermal activity. <i>Colloid and Polymer Science</i> , <b>2019</b> , 297, 749-761	2.4	2
9	Performance of Bio-Based Polymeric Agricultural Mulch Films <b>2019</b> , 215-240		5
8	Preparation, Characterization, and In Vitro Testing of Nanoclay Antimicrobial Activities and Elicitor Capacity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 3101-3109	5.7	19
7	Critical Evaluation of Starch-Based Antibacterial Nanocomposites as Agricultural Mulch Films: Study on Their Interactions with Water and Light. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 15662-15672	8.3	54
6	Development and characterization of bentonite/wGLP systems. <i>Applied Clay Science</i> , <b>2018</b> , 166, 159-165	5.2	3
5	Chitosan coated-phosphorylated starch films: Water interaction, transparency and antibacterial properties. <i>Reactive and Functional Polymers</i> , <b>2018</b> , 131, 445-453	4.6	50

4	Nitric-oxide-mediated cell death is triggered by chitosan in <i>Fusarium eumartii</i> spores. <i>Pest Management Science</i> , <b>2015</b> , 71, 668-74	4.6	20
3	Evidence on antimicrobial properties and mode of action of a chitosan obtained from crustacean exoskeletons on <i>Pseudomonas syringae</i> pv. tomato DC3000. <i>Applied Microbiology and Biotechnology</i> , <b>2013</b> , 97, 6957-66	5.7	62
2	Structural and Functional Features of a Wheat Germin-Like Protein that Inhibits Trypsin. <i>Plant Molecular Biology Reporter</i> , <b>2012</b> , 30, 624-632	1.7	9
1	<i>Trichoderma</i> spp. as elicitors of wheat plant defense responses against <i>Septoria tritici</i> . <i>Biocontrol Science and Technology</i> , <b>2007</b> , 17, 687-698	1.7	28