

Andrés G Salvay

List of Publications by Year in descending order

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28
papers

773
citations

471509

17
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

960
citing authors

#	ARTICLE	IF	CITATIONS
1	NMR Structure and Ion Channel Activity of the p7 Protein from Hepatitis C Virus. <i>Journal of Biological Chemistry</i> , 2010, 285, 31446-31461.	3.4	119
2	Neutron structure of type III antifreeze protein allows the reconstruction of AFP-ice interface. <i>Journal of Molecular Recognition</i> , 2011, 24, 724-732.	2.1	64
3	Analytical Ultracentrifugation Sedimentation Velocity for the Characterization of Detergent-Solubilized Membrane Proteins Ca ⁺⁺ -ATPase and ExbB. <i>Journal of Biological Physics</i> , 2007, 33, 399-419.	1.5	50
4	Biobased Materials from Microbial Biomass and Its Derivatives. <i>Materials</i> , 2020, 13, 1263.	2.9	49
5	Lactobionamide Surfactants with Hydrogenated, Perfluorinated or Hemifluorinated Tails: Physical-Chemical and Biochemical Characterization. <i>Langmuir</i> , 2006, 22, 8881-8890.	3.5	38
6	Bacterial cellulose films production by Kombucha symbiotic community cultured on different herbal infusions. <i>Food Chemistry</i> , 2022, 372, 131346.	8.2	36
7	The Role of Hydration on the Mechanism of Allosteric Regulation: In Situ Measurements of the Oxygen-Linked Kinetics of Water Binding to Hemoglobin. <i>Biophysical Journal</i> , 2003, 84, 564-570.	0.5	35
8	Kombucha Tea By-product as Source of Novel Materials: Formulation and Characterization of Films. <i>Food and Bioprocess Technology</i> , 2020, 13, 1166-1180.	4.7	35
9	Hydration and water vapour transport properties in yeast biomass based films: A study of plasticizer content and thickness effects. <i>European Polymer Journal</i> , 2018, 99, 9-17.	5.4	34
10	Water kefir grains as an innovative source of materials: Study of plasticiser content on film properties. <i>European Polymer Journal</i> , 2019, 120, 109234.	5.4	29
11	Use of Residual Yeast Cell Wall for New Biobased Materials Production: Effect of Plasticization on Film Properties. <i>Food and Bioprocess Technology</i> , 2018, 11, 1995-2007.	4.7	27
12	Î2-Glucan, a Promising Polysaccharide for Bio-based Films Developments for Food Contact Materials and Medical Applications. <i>Current Organic Chemistry</i> , 2018, 22, 1249-1254.	1.6	27
13	Analytical Ultracentrifuge for the Characterization of Detergent in Solution. , 0, , 74-82.		26
14	Protein Stability and Dynamics Modulation: The Case of Human Frataxin. <i>PLoS ONE</i> , 2012, 7, e45743.	2.5	25
15	Development of innovative biodegradable films based on biomass of <i>Saccharomyces cerevisiae</i> . <i>Innovative Food Science and Emerging Technologies</i> , 2016, 36, 83-91.	5.6	21
16	Perdeuteration: improved visualization of solvent structure in neutron macromolecular crystallography. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 3266-3272.	2.5	20
17	Incorporation of Poly(Itaconic Acid) with Quaternized Thiazole Groups on Gelatin-Based Films for Antimicrobial-Active Food Packaging. <i>Polymers</i> , 2021, 13, 200.	4.5	20
18	Structure and Interactions of Fish Type III Antifreeze Protein in Solution. <i>Biophysical Journal</i> , 2010, 99, 609-618.	0.5	18

#	ARTICLE	IF	CITATIONS
19	Sedimentation Velocity Analytical Ultracentrifugation for Intrinsically Disordered Proteins. <i>Methods in Molecular Biology</i> , 2012, 896, 91-105.	0.9	17
20	Conformational Dissection of a Viral Intrinsically Disordered Domain Involved in Cellular Transformation. <i>PLoS ONE</i> , 2013, 8, e72760.	2.5	17
21	Characterization of thermal, mechanical and hydration properties of novel films based on <i>Saccharomyces cerevisiae</i> biomass. <i>Innovative Food Science and Emerging Technologies</i> , 2018, 48, 240-247.	5.6	17
22	Hydration effects on the structural properties and haem-haem interaction in haemoglobin. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 192-197.	2.8	16
23	Electro-Optical Properties Characterization of Fish Type III Antifreeze Protein. <i>Journal of Biological Physics</i> , 2007, 33, 389-397.	1.5	12
24	Biophysical characterization of the outer membrane polysaccharide export protein and the polysaccharide co-polymerase protein from <i>Xanthomonas campestris</i> . <i>Protein Expression and Purification</i> , 2014, 101, 42-53.	1.3	9
25	Water Vapour Transport in Biopolymeric Materials: Effects of Thickness and Water Vapour Pressure Gradient on Yeast Biomass-Based Films. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2976-2989.	5.0	6
26	Impact of the film-forming dispersion pH on the properties of yeast biomass films. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 5636-5644.	3.5	4
27	New Antioxidant Active Packaging Films Based on Yeast Cell Wall and Naphtho- ³ -Pyrone Extract. <i>Polymers</i> , 2022, 14, 2066.	4.5	2
28	Use of neutron scattering techniques for Antifreeze Protein mechanistic studies. <i>Neutron News</i> , 2014, 25, 24-27.	0.2	0