

# Alejandra Hs Hernández-Santoyo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1458999/publications.pdf>

Version: 2024-02-01

31  
papers

618  
citations

623734

14  
h-index

580821

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1037  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of a C-type lysozyme from <i>Litopenaeus vanamei</i> exhibiting a high binding constant to its chitotriose inhibitor. <i>Fish and Shellfish Immunology</i> , 2020, 100, 246-255.	3.6	3
2	A biophysical and structural study of two chitinases from <i>AgaveÂtequilana</i> and their potential role as defense proteins. <i>FEBS Journal</i> , 2019, 286, 4778-4796.	4.7	8
3	Effect of extrapallial protein of <i>Mytilus californianus</i> on the process of in vitro biomineralization of chitosan scaffolds. <i>Heliyon</i> , 2019, 5, e02252.	3.2	4
4	The role of conserved non-aromatic residues in the <i>Lactobacillus amylovorus</i> Î±-amylase CBM26-starch interaction. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 829-838.	7.5	6
5	Data concerning secondary structure and alpha-glucans-binding capacity of the LaCBM26. <i>Data in Brief</i> , 2018, 21, 1944-1949.	1.0	2
6	Molecular and functional characterization of a glycosylated Galactose-Binding lectin from <i>Mytilus californianus</i> . <i>Fish and Shellfish Immunology</i> , 2017, 66, 564-574.	3.6	27
7	Stabilizing an amyloidogenic Î³6 light chain variable domain. <i>FEBS Journal</i> , 2017, 284, 3702-3717.	4.7	9
8	BIOCHEMICAL CHARACTERIZATION OF ANTI-METHICILLIN RESISTANT <i>S. aureus</i> PROTEIN (P-80) FROM MARINE <i>Pseudoalteromonas</i> . <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2017, 7, 294-298.	0.8	0
9	Production of bioactive conjugated linoleic acid by the multifunctional enolase from <i>Lactobacillus plantarum</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 91, 524-535.	7.5	23
10	Functional characterization of a fatty acid double-bond hydratase from <i>Lactobacillus plantarum</i> and its interaction with biosynthetic membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 3166-3174.	2.6	19
11	Structural analysis of the endogenous glycoallergen <i>Hev b 2</i> (endo-Î²-1,3-glucanase) from <i>Hevea brasiliensis</i> and its recognition by human basophils. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 329-341.	2.5	15
12	Different contribution of conserved amino acids to the global properties of triosephosphate isomerases. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 323-335.	2.6	15
13	Difficult Macromolecular Structures Determined Using X-ray Diffraction Techniques. <i>Protein and Peptide Letters</i> , 2012, 19, 770-777.	0.9	0
14	Effects of a Buried Cysteine-To-Serine Mutation on Yeast Triosephosphate Isomerase Structure and Stability. <i>International Journal of Molecular Sciences</i> , 2012, 13, 10010-10021.	4.1	9
15	Crystal structure of Cu/Zn superoxide dismutase from <i>Taeniaâ€f solium</i> reveals metal-mediated self-assembly. <i>FEBS Journal</i> , 2011, 278, 3308-3318.	4.7	7
16	Crystal structure of human cystatinâ€fC stabilized against amyloid formation. <i>FEBS Journal</i> , 2010, 277, 1726-1737.	4.7	73
17	A Single Mutation at the Sheet Switch Region Results in Conformational Changes Favoring Î³6 Light-Chain Fibrillogenesis. <i>Journal of Molecular Biology</i> , 2010, 396, 280-292.	4.2	43
18	Crystal packing of plant-type L-asparaginase from <i>Escherichia coli</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008, 64, 309-320.	2.5	17

#	ARTICLE	IF	CITATIONS
19	The Mechanism of Autocatalytic Activation of Plant-type L-Asparaginases. <i>Journal of Biological Chemistry</i> , 2008, 283, 13388-13397.	3.4	48
20	A single amino acid substitution on the surface of a natural hevein isoform (Hev b 6.0202), confers different IgE recognition. <i>FEBS Letters</i> , 2006, 580, 2483-2487.	2.8	10
21	Characterization of the Novel Ophthalmic Drug Carrier Sophisen in Two of Its Derivatives: 3A Oftenoâ„¸ and Modusik-A Oftenoâ„¸. <i>Drug Development and Industrial Pharmacy</i> , 2005, 31, 263-269.	2.0	14
22	Insights into a conformational epitope of Hev b 6.02 (hevein). <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 123-130.	2.1	42
23	Inactivation of Triosephosphate Isomerase from <i>Trypanosoma cruzi</i> by an Agent that Perturbs its Dimer Interface. <i>Journal of Molecular Biology</i> , 2004, 341, 1355-1365.	4.2	65
24	Karyotype description of <i>Pomacea patula catemacensis</i> (Caenogastropoda, Ampullariidae), with an assessment of the taxonomic status of <i>Pomacea patula</i> . <i>Biocell</i> , 2004, 28, 279-85.	0.7	4
25	The influence of an internal electric field upon protein crystallization using the gel-acupuncture method. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1533-1538.	2.5	43
26	Effects of Soy Glycinin Addition on the Conformation and Gel Strength of Two Pork Myosin Types. <i>Journal of Food Science</i> , 2003, 68, 2724-2729.	3.1	7
27	Structure and Inactivation of Triosephosphate Isomerase from <i>Entamoeba histolytica</i> . <i>Journal of Molecular Biology</i> , 2002, 322, 669-675.	4.2	54
28	Biophysical Evidence of Lipid and Carbohydrate Binding Activities of Shrimp High Density Lipoprotein / B Glucan Binding Protein. <i>Protein and Peptide Letters</i> , 2002, 9, 337-334.	0.9	8
29	Crystallization and Preliminary X-Ray Analysis of Ovocleidin-17 A Major Protein of the Gallus Gallus Eggshell Calcified Layer. <i>Protein and Peptide Letters</i> , 2002, 9, 253-257.	0.9	15
30	Sterol composition and biosynthesis in the sponge <i>Spherospongia vesparia</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 1998, 72, 245-248.	3.2	4
31	Purification and characterization of several digestive proteases from the blue abalone, <i>Haliotis fulgens</i> . <i>Aquaculture</i> , 1998, 159, 203-216.	3.5	24