

Francesc Sepulcre

List of Publications by Year in descending order

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papers

878
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687363

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#	ARTICLE	IF	CITATIONS
1	Assessing Mechanical and Rheological Properties of Potato Puree: Effect of Different Ingredient Combinations and Cooking Methods on the Feasibility of 3D Printing. <i>Foods</i> , 2020, 9, 21.	4.3	22
2	Characterization of food additive-potato starch complexes by FTIR and X-ray diffraction. <i>Food Chemistry</i> , 2018, 260, 7-12.	8.2	205
3	3D printing technology: The new era for food customization and elaboration. <i>Trends in Food Science and Technology</i> , 2018, 75, 231-242.	15.1	261
4	Assessing the microstructural and rheological changes induced by food additives on potato puree. <i>Food Chemistry</i> , 2018, 240, 304-313.	8.2	53
5	Impact of Mechanical and Microstructural Properties of Potato Puree-Food Additive Complexes on Extrusion-Based 3D Printing. <i>Food and Bioprocess Technology</i> , 2018, 11, 2021-2031.	4.7	75
6	Combined Effect of a Low Permeable Film and Edible Coatings or Calcium Dips on the Quality of Fresh Cut Pineapple. <i>Journal of Food Process Engineering</i> , 2014, 37, 91-99.	2.9	27
7	Combination of extended X-ray absorption fine structure spectroscopy with lipidic cubic phases for the study of cation binding in bacteriorhodopsin. <i>European Biophysics Journal</i> , 2011, 40, 1007-1012.	2.2	1
8	Ultrasound-assisted liquefaction of rosemary honey: Influence on rheology and crystal content. <i>Journal of Food Engineering</i> , 2011, 107, 173-178.	5.2	36
9	Structural Characterization of a Zinc High-Affinity Binding Site in Rhodopsin. <i>Photochemistry and Photobiology</i> , 2009, 85, 479-484.	2.5	11
10	Copolymers of 3,4-Ethylenedioxythiophene and 3-Methylthiophene: Properties, Applications and Morphologies. <i>Macromolecular Materials and Engineering</i> , 2007, 292, 85-94.	3.6	21
11	X-ray absorption and molecular dynamics study of cation binding sites in the purple membrane. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 67, 360-374.	2.6	11
12	An XAS Study of the Cation Binding Sites in the Purple Membrane of Halobacterium Salinarum. <i>Physica Scripta</i> , 2005, , 855.	2.5	2
13	A Quantitative XANES Analysis of the Calcium High-Affinity Binding Site of the Purple Membrane. <i>Biophysical Journal</i> , 2004, 87, 513-520.	0.5	11
14	Specific Effects of Chloride on the Photocycle of E194Q and E204Q Mutants of Bacteriorhodopsin As Measured by FTIR Spectroscopy. <i>Biochemistry</i> , 2002, 41, 8176-8183.	2.5	9
15	Contribution of Extracellular Glu Residues to the Structure and Function of Bacteriorhodopsin. <i>Journal of Biological Chemistry</i> , 2001, 276, 40788-40794.	3.4	24
16	Opening the Schiff base moiety of bacteriorhodopsin by mutation of the four extracellular Glu side chains. <i>FEBS Letters</i> , 1999, 456, 191-195.	2.8	26
17	Experimental and Theoretical Characterization of the High-Affinity Cation-Binding Site of the Purple Membrane. <i>Biophysical Journal</i> , 1998, 75, 777-784.	0.5	16
18	Scanning Calorimetry and Fourier-Transform Infrared Studies into the Thermal Stability of Cleaved Bacteriorhodopsin Systems. <i>Biochemistry</i> , 1996, 35, 16328-16335.	2.5	25

#	ARTICLE	IF	CITATIONS
19	Conformational changes in bacteriorhodopsin associated with protein-protein interactions: a functional .alpha.I-.alpha.II helix switch?. <i>Biochemistry</i> , 1995, 34, 16320-16326.	2.5	42