

Frédéric F Sannier

List of Publications by Year in descending order

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35
papers

1,001
citations

361413

20
h-index

414414

32
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35
all docs

35
docs citations

35
times ranked

1182
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiproliferative activity of fish protein hydrolysates on human breast cancer cell lines. <i>Process Biochemistry</i> , 2006, 41, 1217-1222.	3.7	186
2	Inhibition and Inhibition Kinetics of Angiotensin Converting Enzyme Activity by Hemorphins, Isolated from a Peptic Bovine Hemoglobin Hydrolysate. <i>Biochemical and Biophysical Research Communications</i> , 1994, 204, 216-223.	2.1	77
3	Measuring Angiotensin-I Converting Enzyme Inhibitory Activity by Micro Plate Assays: Comparison Using Marine Cryptides and Tentative Threshold Determinations with Captopril and Losartan. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10685-10690.	5.2	47
4	Comparative effects of angiotensin IV and two hemorphins on angiotensin-converting enzyme activity. <i>Peptides</i> , 2002, 23, 1465-1470.	2.4	41
5	HPLC PREPARATION OF FISH WASTE HYDROLYSATE FRACTIONS. EFFECT ON GUINEA PIG ILEUM AND ACE ACTIVITY. <i>Preparative Biochemistry and Biotechnology</i> , 2002, 32, 65-77.	1.9	40
6	Reversed-phase high-performance liquid chromatography coupled with second-order derivative spectroscopy for the quantitation of aromatic amino acids in peptides: application to hemorphins. <i>Journal of Chromatography A</i> , 1996, 723, 35-41.	3.7	39
7	Generation of VV-hemorphin-7 from globin by peritoneal macrophages. <i>FEBS Letters</i> , 1996, 382, 37-42.	2.8	37
8	Family of Bioactive Heparin-Coated Iron Oxide Nanoparticles with Positive Contrast in Magnetic Resonance Imaging for Specific Biomedical Applications. <i>Biomacromolecules</i> , 2017, 18, 3156-3167.	5.4	37
9	Assessment of Heparanase-Mediated Angiogenesis Using Microvascular Endothelial Cells: Identification of β -Carrageenan Derivative as a Potent Anti Angiogenic Agent. <i>Marine Drugs</i> , 2017, 15, 134.	4.6	36
10	A Rapid Detection and Identification of Hemorphins Released from Bovine Hemoglobin Enzymatic Hydrolysis by Use of HPLC Coupled with Photodiode Array Detector. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1995, 18, 93-103.	1.0	33
11	Crude goat whey fermentation by <i>Kluyveromyces marxianus</i> and <i>Lactobacillus rhamnosus</i> : contribution to proteolysis and ACE inhibitory activity. <i>Journal of Dairy Research</i> , 2009, 76, 152-157.	1.4	33
12	Purification of goat β -lactoglobulin from whey by an ultrafiltration membrane enzymic reactor. <i>Journal of Dairy Research</i> , 2000, 67, 43-51.	1.4	31
13	High-performance hydrolysis of wheat straw using cellulase and thermomechanical pretreatment. <i>Process Biochemistry</i> , 2011, 46, 2194-2200.	3.7	29
14	Kinetics of appearance of four hemorphins from bovine hemoglobin peptic hydrolysates by HPLC coupled with photodiode array detection. <i>BBA - Proteins and Proteomics</i> , 1996, 1295, 73-80.	2.1	28
15	Preparation of angiotensin-I-converting enzyme inhibitory hydrolysates from unsupplemented caprine whey fermentation by various cheese microflora. <i>International Dairy Journal</i> , 2006, 16, 976-983.	3.0	26
16	Ultrasonic-assisted preparation of a low molecular weight heparin (LMWH) with anticoagulant activity. <i>Carbohydrate Polymers</i> , 2013, 97, 684-689.	10.2	26
17	Evaluation of thermomechanical pretreatment for enzymatic hydrolysis of pure microcrystalline cellulose and cellulose from Brewers' spent grain. <i>Journal of Cereal Science</i> , 2011, 54, 305-310.	3.7	24
18	Anti-heparanase activity of ultra-low-molecular-weight heparin produced by physicochemical depolymerization. <i>Carbohydrate Polymers</i> , 2016, 135, 316-323.	10.2	22

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19	Identification of Hemorphins from Bovine Hemoglobin Hydrolysate: Application of UV Second Order Derivative Spectroscopy. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1995, 18, 1077-1092.	1.0	21
20	Peptides released from acid goat whey by a yeast-lactobacillus association isolated from cheese microflora. <i>Journal of Dairy Research</i> , 2006, 73, 163-170.	1.4	21
21	Effect of protein concentration, pH, lactose content and pasteurization on thermal gelation of acid caprine whey protein concentrates. <i>Journal of Dairy Research</i> , 2005, 72, 34-38.	1.4	19
22	Stability of a mineral membrane ultrafiltration reactor for peptide hydrolysis of hemoglobin. <i>Journal of Chemical Technology and Biotechnology</i> , 1994, 61, 43-47.	3.2	17
23	A Thermomechanical Preprocessing for Pectin Isolation from Orange Peel with Optimisation by Response Surface Methodology. <i>International Journal of Food Engineering</i> , 2008, 4, .	1.5	17
24	Use of hemoglobin enzymic hydrolysates, prepared on a pilot-plant scale, as a nitrogen source for the cultivation of three species of <i>Tetrahymena</i> . <i>Enzyme and Microbial Technology</i> , 1989, 11, 165-169.	3.2	16
25	Characterization of a goat whey peptic hydrolysate produced by an ultrafiltration membrane enzymic reactor. <i>Journal of Dairy Research</i> , 2000, 67, 551-559.	1.4	16
26	Di and tripeptides from marine sources can target adipogenic process and contribute to decrease adipocyte number and functions. <i>Journal of Functional Foods</i> , 2015, 17, 1-10.	3.4	15
27	Cathepsin D activity and selectivity in the acidic conditions of a tumor microenvironment: Utilization in the development of a novel Cathepsin D substrate for simultaneous cancer diagnosis and therapy. <i>Biochimie</i> , 2013, 95, 2010-2017.	2.6	14
28	Reduced Level of Opioid Peptides, Hemorphin-7 Peptides, in Serum of Diabetic Patients. <i>Diabetes Care</i> , 2003, 26, 2480-2480.	8.6	11
29	Production of heparin and λ -carrageenan anti-heparanase derivatives using a combination of physicochemical depolymerization and glycol splitting. <i>Carbohydrate Polymers</i> , 2017, 166, 156-165.	10.2	10
30	Peptic Hemoglobin Hydrolysis in an Ultrafiltration Reactor at Pilot Plant Scale Generates Opioid Peptides. <i>Annals of the New York Academy of Sciences</i> , 1995, 750, 452-458.	3.8	9
31	Goat whey fermentation by <i>Kluyveromyces marxianus</i> and <i>Lactobacillus rhamnosus</i> release tryptophan and tryptophan-lactokinin from a cryptic zone of alpha-lactalbumin. <i>Journal of Dairy Research</i> , 2009, 76, 379-383.	1.4	9
32	Alteration of cathepsin D trafficking induced by hypoxia and extracellular acidification in MCF-7 breast cancer cells. <i>Biochimie</i> , 2016, 121, 123-130.	2.6	7
33	Quantitative Determination of Aromatic Amino Acids at Protein Surface by Size Exclusion HPLC Coupled with Second Order Derivative Spectroscopy. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996, 19, 1551-1566.	1.0	3
34	Effects of lactokinins from fermented acid goat whey on lipid content and adipogenesis of immortalised human adipocytes. <i>International Dairy Journal</i> , 2010, 20, 642-645.	3.0	3
35	Identification of hemorphins in a cathepsin D bovine hemoglobin hydrolysate by radioimmunoassay and photodiode array detections. <i>International Journal of Peptide Research and Therapeutics</i> , 1997, 4, 293-296.	0.1	1