

# Purification and identification of antioxidant peptides from hydrolysates by consecutive chromatography and electrospray spectrometry

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Application of Response Surface Methodology to Optimise the Antioxidant Activity of a Saithe ( <i>Pollachius virens</i> ) Hydrolysate. <i>Marine Biotechnology</i> , 2009, 11, 445-455.	1.1	28
3	Antioxidant activities of the rice endosperm protein hydrolysate: identification of the active peptide. <i>European Food Research and Technology</i> , 2009, 229, 709-719.	1.6	104
4	Hollow-Fiber Ultrafiltration then Centrifugation for LC Analysis of Water-Soluble Sucrose in a Water-Soluble High-Molecular-Mass Gel Matrix. <i>Chromatographia</i> , 2009, 70, 1023-1030.	0.7	12
5	Structural characteristics of peptides extracted from Cantonese sausage during drying and their antioxidant activities. <i>Innovative Food Science and Emerging Technologies</i> , 2009, 10, 558-563.	2.7	57
6	Antioxidative activity of polysaccharide fractions isolated from <i>Lycium barbarum</i> Linnaeus. <i>International Journal of Biological Macromolecules</i> , 2009, 45, 146-151.	3.6	155
7	Health-promoting activities of ultra-filtered okara protein hydrolysates released by in vitro gastrointestinal digestion: identification of active peptide from soybean lipoxygenase. <i>European Food Research and Technology</i> , 2010, 230, 655-663.	1.6	42
8	Isolation and identification of antioxidative peptides from rice endosperm protein enzymatic hydrolysate by consecutive chromatography and MALDI-TOF/TOF MS/MS. <i>Food Chemistry</i> , 2010, 119, 226-234.	4.2	175
9	Isolation of carotenoids, flavonoids and polysaccharides from <i>Lycium barbarum</i> L. and evaluation of antioxidant activity. <i>Food Chemistry</i> , 2010, 120, 184-192.	4.2	300
10	Hempseed protein derived antioxidative peptides: Purification, identification and protection from hydrogen peroxide-induced apoptosis in PC12 cells. <i>Food Chemistry</i> , 2010, 123, 1210-1218.	4.2	109
11	Preparation and <i>in vitro</i> antioxidant activity of enzymatic hydrolysates from oyster ( <i>Crassostrea talienwhannensis</i> ) meat. <i>International Journal of Food Science and Technology</i> , 2010, 45, 978-984.	1.3	34
12	Enzymatic hydrolysis of grass carp myofibrillar protein and antioxidant properties of hydrolysates. <i>Czech Journal of Food Sciences</i> , 2010, 28, 475-484.	0.6	6
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14	Effect of Antioxidant Peptide Isolated from <i>Brachionus calyciflorus</i> . <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2010, 53, 192-197.	0.9	6
15	Purification and identification of antioxidative peptides from loach ( <i>Misgurnus anguillicaudatus</i> ) protein hydrolysate by consecutive chromatography and electrospray ionization-mass spectrometry. <i>Food Research International</i> , 2010, 43, 1167-1173.	2.9	190
16	Purification and identification of three novel antioxidant peptides from Cornu Bubali (water buffalo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.2	77
17	The Antioxidant Properties of Ethanol Extracts and Their Solvent-Partitioned Fractions from Various Green Seaweeds. <i>Journal of Medicinal Food</i> , 2010, 13, 1232-1239.	0.8	59
18	Food-derived peptidic antioxidants: A review of their production, assessment, and potential applications. <i>Journal of Functional Foods</i> , 2011, 3, 229-254.	1.6	601
19	Antioxidant and Antiproliferative Activities of Loach ( <i>Misgurnus anguillicaudatus</i> ) Peptides Prepared by Papain Digestion. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7948-7953.	2.4	83

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20	Characterization and in vitro antioxidation of papain hydrolysate from black-bone silky fowl ( <i>Gallus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	31
21	Characterization of antioxidant activity and volatile compounds of Maillard reaction products derived from different peptide fractions of peanut hydrolysate. <i>Food Research International</i> , 2011, 44, 3250-3258.	2.9	98
22	Production of antioxidant hydrolysates from a whey protein concentrate with thermolysin: Optimization by response surface methodology. <i>LWT - Food Science and Technology</i> , 2011, 44, 9-15.	2.5	163
23	Isolation, purification and characterization of antioxidant peptidic fractions from a bovine liver sarcoplasmic protein thermolysin hydrolysate. <i>Peptides</i> , 2011, 32, 388-400.	1.2	60
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26	Effects of supplementation with grass carp protein versus peptide on swimming endurance in mice. <i>Nutrition</i> , 2011, 27, 789-795.	1.1	38
27	Identification of Low Molecular Weight Peptides in Chinese Rice Wine (Huang Jiu) by UPLC-ESI-MS/MS. <i>Journal of the Institute of Brewing</i> , 2011, 117, 238-250.	0.8	36
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31	Antioxidant and antimicrobial peptidic hydrolysates from muscle protein sources and by-products. <i>Food Chemistry</i> , 2011, 124, 1296-1307.	4.2	282
32	Extraction and antioxidant property of polyhydroxylated naphthoquinone pigments from spines of purple sea urchin <i>Strongylocentrotus nudus</i> . <i>Food Chemistry</i> , 2011, 129, 1591-1597.	4.2	62
33	Antioxidant properties of extract and fractions from <i>Enteromorpha prolifera</i> , a type of green seaweed. <i>Food Chemistry</i> , 2011, 127, 999-1006.	4.2	184
34	Effect of thermal treatment on the characteristic properties of loach peptide. <i>International Journal of Food Science and Technology</i> , 2012, 47, 2574-2581.	1.3	9
35	Purification and Identification of Antioxidant Peptides from Enzymatic Hydrolysates of Tilapia ( <i>Oreochromis niloticus</i> ) Frame Protein. <i>Molecules</i> , 2012, 17, 12836-12850.	1.7	78
36	Optimization of antioxidant hydrolysate production from flying squid muscle protein using response surface methodology. <i>Food and Bioproducts Processing</i> , 2012, 90, 676-682.	1.8	32
37	Purification of chicken breast protein hydrolysate and analysis of its antioxidant activity. <i>Food and Chemical Toxicology</i> , 2012, 50, 3397-3404.	1.8	60

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39	Antioxidant and angiotensin I-converting enzyme inhibitory properties of oligopeptides derived from black-bone silky fowl ( <i>Gallus gallus domesticus</i> Brisson) muscle. <i>Food Research International</i> , 2012, 49, 326-333.	2.9	30
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43	Sweet potato protein hydrolysates: antioxidant activity and protective effects on oxidative <sc>DNA</sc> damage. <i>International Journal of Food Science and Technology</i> , 2012, 47, 2304-2310.	1.3	24
44	Fish protein hydrolysates: Proximate composition, amino acid composition, antioxidant activities and applications: A review. <i>Food Chemistry</i> , 2012, 135, 3020-3038.	4.2	664
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47	Purification and identification of antioxidant peptides from walnut ( <i>Juglans regia</i> L.) protein hydrolysates. <i>Peptides</i> , 2012, 38, 344-349.	1.2	150
48	A novel antioxidant and antimicrobial peptide from hen egg white lysozyme hydrolysates. <i>Journal of Functional Foods</i> , 2012, 4, 278-286.	1.6	162
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53	Isolation and Identification of Cryptic Bioactive Regions in Bovine Achilles Tendon Collagen. <i>Protein Journal</i> , 2012, 31, 374-386.	0.7	22
54	Identification of antioxidative oligopeptides derived from autolysis hydrolysates of sea cucumber ( <i>Stichopus japonicus</i> ) guts. <i>European Food Research and Technology</i> , 2012, 234, 895-904.	1.6	37
55	<i>In vitro</i> antioxidant activity of papain-treated grass carp ( <i>Ctenopharyngodon idellus</i> ) protein hydrolysate and the preventive effect on fish mince system. <i>International Journal of Food Science and Technology</i> , 2012, 47, 961-967.	1.3	11
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58	Influence of flavonoids from <i>Phellinus igniarius</i> on sturgeon caviar: Antioxidant effects and sensory characteristics. <i>Food Chemistry</i> , 2012, 131, 206-210.	4.2	29
59	The role of molecular size in antioxidant activity of peptide fractions from Pacific hake ( <i>Merluccius</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.2	78
60	Antioxidant activities and functional properties of grass carp ( <i>Ctenopharyngodon idellus</i> ) protein hydrolysates. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 292-298.	1.7	63
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62	Purification and identification of novel antioxidative peptide released from Black-bone silky fowl ( <i>Gallus gallus domesticus</i> Brisson). <i>European Food Research and Technology</i> , 2013, 237, 253-263.	1.6	15
63	Identification of novel antioxidant peptides generated in Spanish dry-cured ham. <i>Food Chemistry</i> , 2013, 138, 1282-1288.	4.2	111
64	Formation mechanism of volatile and non-volatile compounds in peptide-xylose Maillard reaction. <i>Food Research International</i> , 2013, 54, 683-690.	2.9	41
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69	Enzyme proteolysis enhanced extraction of ACE inhibitory and antioxidant compounds (peptides and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	66
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71	Antiphotaging effect and purification of an antioxidant peptide from tilapia ( <i>Oreochromis niloticus</i> ) gelatin peptides. <i>Journal of Functional Foods</i> , 2013, 5, 154-162.	1.6	114
73	Purification and identification of five novel antioxidant peptides from goat milk casein hydrolysates. <i>Journal of Dairy Science</i> , 2013, 96, 4242-4251.	1.4	79
75	Novel Antioxidant Peptide Derived from the Ultrafiltrate of Ovomucin Hydrolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7294-7300.	2.4	66
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78	Isolation and identification of antioxidant peptides derived from whey protein enzymatic hydrolysate by consecutive chromatography and Q-TOF MS. Journal of Dairy Research, 2013, 80, 367-373.	0.7	46
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84	Antioxidant and Angiotensin 1 Converting Enzyme Inhibitory Functions from Chicken Collagen Hydrolysates. Journal of Nutrition & Food Sciences, 2014, 05, .	1.0	6
85	Hydroxyl Radical Scavenging Activity of Peptide from Fish Intestine Protein by Hydrolysis with Complex Enzyme. Advance Journal of Food Science and Technology, 2014, 6, 126-129.	0.1	1
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94	Isolation and characterization of three antioxidant pentapeptides from protein hydrolysate of monkfish ( <i>Lophius litulon</i> ) muscle. Food Research International, 2014, 55, 222-228.	2.9	91
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97	Hydrolysis kinetics and radical-scavenging activity of gelatin under simulated gastrointestinal digestion. <i>Food Chemistry</i> , 2014, 163, 1-5.	4.2	20
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99	Effects of intragastric administration of five oyster components on endurance exercise performance in mice. <i>Pharmaceutical Biology</i> , 2014, 52, 723-728.	1.3	17
100	Antioxidant properties of fractions isolated from blue shark ( <i>Prionace glauca</i> ) skin gelatin hydrolysates. <i>Journal of Functional Foods</i> , 2014, 11, 342-351.	1.6	40
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104	Isolation and Identification of Antioxidative Peptides from Frog ( <i>Hylarana guentheri</i> ) Protein Hydrolysate by Consecutive Chromatography and Electrospray Ionization Mass Spectrometry. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 1169-1182.	1.4	12
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106	Antioxidant activities of chicken liver hydrolysates by pepsin treatment. <i>International Journal of Food Science and Technology</i> , 2014, 49, 1654-1662.	1.3	37
107	Proteomic identification of antioxidant peptides from 400 to 2500Da generated in Spanish dry-cured ham contained in a size-exclusion chromatography fraction. <i>Food Research International</i> , 2014, 56, 68-76.	2.9	69
108	Hydrolysed whey protein reduces muscle damage markers in Brazilian elite soccer players compared with whey protein and maltodextrin. A twelve-week in-championship intervention. <i>International Dairy Journal</i> , 2014, 34, 19-24.	1.5	44
109	Novel antioxidative peptides from the protein hydrolysate of oysters ( <i>Crassostrea talienwhanensis</i> ). <i>Food Chemistry</i> , 2014, 145, 991-996.	4.2	87
110	Stability of an antioxidant peptide extracted from Jinhua ham. <i>Meat Science</i> , 2014, 96, 783-789.	2.7	102
111	Isolation and characterisation of five novel antioxidant peptides from ethanol-soluble proteins hydrolysate of spotless smoothhound ( <i>Mustelus griseus</i> ) muscle. <i>Journal of Functional Foods</i> , 2014, 6, 176-185.	1.6	82
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113	Purification and identification of antioxidant peptides from peanut protein isolate hydrolysates using UHR-Q-TOF mass spectrometer. <i>Food Chemistry</i> , 2014, 161, 148-154.	4.2	68
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116	Comparison of Antioxidant Activities of Hydrolysates of Domestic and Imported Skim Milk Powders Treated with Papain. <i>Korean Journal for Food Science of Animal Resources</i> , 2015, 35, 360-369.	1.5	14
117	Purification and characterization of three antioxidant peptides from protein hydrolysate of grass carp ( <i>Ctenopharyngodon idella</i> ) skin. <i>Journal of Functional Foods</i> , 2015, 16, 234-242.	1.6	129
118	Recent advances in food biopeptides: Production, biological functionalities and therapeutic applications. <i>Biotechnology Advances</i> , 2015, 33, 80-116.	6.0	145
119	Isolation, identification and synthesis of four novel antioxidant peptides from rice residue protein hydrolyzed by multiple proteases. <i>Food Chemistry</i> , 2015, 179, 290-295.	4.2	106
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122	Bioactive peptides identified in thornback ray skin's gelatin hydrolysates by proteases from <i>Bacillus subtilis</i> and <i>Bacillus amyloliquefaciens</i> . <i>Journal of Proteomics</i> , 2015, 128, 8-17.	1.2	97
123	Influence of <i>In vitro</i> Digestion on Antioxidative Activity of Coconut Meat Protein Hydrolysates. <i>Tropical Journal of Pharmaceutical Research</i> , 2015, 14, 441.	0.2	9
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125	Identification and Characterization of Antioxidant Peptides from Enzymatic Hydrolysates of Duck Meat. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 3437-3444.	2.4	66
126	Isolation and identification of a novel peptide from zein with antioxidant and antihypertensive activities. <i>Food and Function</i> , 2015, 6, 3799-3806.	2.1	41
127	Purification and identification of antioxidant peptides from Chinese cherry ( <i>Prunus pseudocerasus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	46
128	Identification of antioxidative peptides from defatted walnut meal hydrolysate with potential for improving learning and memory. <i>Food Research International</i> , 2015, 78, 216-223.	2.9	86
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131	Amino acid, mineral, and polyphenolic profiles of black vinegar, and its lipid lowering and antioxidant effects in vivo. <i>Food Chemistry</i> , 2015, 168, 63-69.	4.2	87
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135	Seafood Waste-Derived Peptides: Their Antioxidant Activity and Potential as Alternative Preservatives in Fish Products. , 2016, , 315-332.		2
136	Anti-Fatigue Effect by Peptide Fraction from Protein Hydrolysate of Croceine Croaker ( <i>Pseudosciaena</i> ) Tj ETQq1 1 0.784314 rgBT /Overl... Drugs, 2016, 14, 221.	2.2	57
137	The Structure-Activity Relationship of the Antioxidant Peptides from Natural Proteins. <i>Molecules</i> , 2016, 21, 72.	1.7	487
138	Efecto de Temperatura, pH, Concentraci3n de Sustrato y Tipo de Enzima en la Hidr3lisis Enzim3tica de V3sceras de Tilapia Roja ( <i>Oreochromis</i> spp.). <i>Informacion Tecnologica (discontinued)</i> , 2016, 27, 63-76.	0.1	8
139	Optimisation of antioxidant hydrolysate production from sweet potato protein and effect of <i>in vitro</i> gastrointestinal digestion. <i>International Journal of Food Science and Technology</i> , 2016, 51, 1844-1850.	1.3	16
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143	Cloning, expression and antioxidant activity of a novel collagen from <i>Pelodiscus sinensis</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 100.	1.7	7
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146	Antioxidant activity of cod ( <i>Gadus morhua</i> ) protein hydrolysates: Fractionation and characterisation of peptide fractions. <i>Food Chemistry</i> , 2016, 204, 409-419.	4.2	104
147	Purification, characterisation and stability of an antioxidant peptide derived from sandfish ( <i>Amegilla</i> ) Tj ETQq0 0 0 rgBT /Overl... lock 10 Tf 50 182 T	1.6	114
148	The inhibitory effects of $\gamma$ -glutamylcysteine derivatives from fresh garlic on glycation radical formation. <i>Food Chemistry</i> , 2016, 194, 538-544.	4.2	12
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154	Rheological behavior and antioxidant activity of a highly acidic gum from <i>Althaea officinalis</i> flower. <i>Food Hydrocolloids</i> , 2017, 69, 432-439.	5.6	49
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160	Antioxidant and emulsion properties of freshwater carps ( <i>Catla catla</i> , <i>Labeo rohita</i> , <i>Cirrhinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1169-1176.	1.2	4
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