

Determination of the covalent structure of an N- and C-
from endocuticle of *Locusta migratoria*. Combined use of
spectrometry and Edman degradation to study post-tra

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Primary structure of two low molecular weight proteins isolated from cuticle of fifth instar nymphs of the migratory locust, <i>Locusta migratoria</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1992, 22, 19-24.	1.2	21
2	Characterization of proteins by mass spectrometry. Invited lecture. <i>Analyst, The</i> , 1992, 117, 299.	1.7	6
3	A tryptophan-substituted member of the AKH/RPCH family isolated from a stick insect corpus cardiacum. <i>Biochemical and Biophysical Research Communications</i> , 1992, 189, 1303-1309.	1.0	55
4	Optimization of sample deposition for plasma-desorption mass spectrometry of peptidoglycan monomers. <i>Rapid Communications in Mass Spectrometry</i> , 1992, 6, 284-288.	0.7	15
5	Characterization of a cDNA clone encoding a glycine-rich cuticular protein of <i>Tenebrio molitor</i> : developmental expression and effect of a juvenile hormone analogue. <i>Insect Molecular Biology</i> , 1992, 1, 53-62.	1.0	33
6	Isolation and structural determination of three peptides from the insect <i>Locusta migratoria</i> . Identification of a deoxyhexose-linked peptide. <i>FEBS Journal</i> , 1992, 204, 147-153.	0.2	86
7	cDNA cloning and deduced amino acid sequence of a major, glycine-rich cuticular protein from the coleopteran <i>Tenebrio molitor</i> . Temporal and spatial distribution of the transcript during metamorphosis. <i>FEBS Journal</i> , 1992, 206, 813-819.	0.2	63
8	Lymnaealamides, a new family of neuropeptides from the pond snail, <i>Lymnaea stagnalis</i> . Clue to cholecystokinin immunoreactivity in invertebrates?. <i>FEBS Journal</i> , 1993, 213, 875-879.	0.2	16
9	Combined plasma-desorption mass spectrometry and Edman degradation applied to simultaneous sequence determination of isoforms of structural proteins from the cuticle of <i>Locusta migratoria</i> . <i>FEBS Journal</i> , 1993, 217, 267-273.	0.2	11
10	Primary structure of a 14 kDa basic structural protein (Lm-76) from the cuticle of the migratory locust, <i>Locusta migratoria</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1993, 23, 391-402.	1.2	22
11	Cuticular proteins from fifth instar nymphs of the migratory locust, <i>Locusta migratoria</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1993, 23, 521-531.	1.2	10
12	Callatostatins: neuropeptides from the blowfly <i>Calliphora vomitoria</i> with sequence homology to cockroach allatostatins.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 2456-2460.	3.3	126
13	Partial characterization of specific inducers of a cuticle-degrading protease from the insect pathogenic fungus <i>Metarhizium anisopliae</i> . <i>Microbiology (United Kingdom)</i> , 1994, 140, 3153-3159.	0.7	52
14	Amino acid sequence determination of a protein purified from the shell of the shrimp, <i>Pandalus borealis</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1994, 109, 209-217.	0.2	4
15	Characterization of two high molecular weight catechol-containing glycoproteins from pharate pupal cuticle of the tobacco hornworm, <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1994, 24, 787-802.	1.2	21
16	Characterization of a cDNA and gene encoding a cuticular protein from rigid cuticles of the giant silkworm, <i>Hyalophora cecropia</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1994, 24, 419-435.	1.2	51
17	Identification of the cDNA, gene and promoter for a major protein from flexible cuticles of the giant silkworm <i>Hyalophora cecropia</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1994, 24, 989-1000.	1.2	47
18	Proteins of crustacean exoskeleton: III. Glycoproteins in the Bermuda land crab <i>Gecarcinus lateralis</i> . <i>The Journal of Experimental Zoology</i> , 1995, 271, 413-424.	1.4	7

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19	Proteins of Crustacean exoskeleton: IV. Partial amino acid sequences of exoskeletal proteins from the Bermuda land crab, <i>Gecarcinus lateralis</i> , and comparisons to certain insect proteins. <i>The Journal of Experimental Zoology</i> , 1995, 273, 389-400.	1.4	14
20	Identification, sequence and mRNA expression pattern during metamorphosis of a cDNA encoding a glycine-rich cuticular protein in <i>Tenebrio molitor</i> . <i>Gene</i> , 1995, 156, 259-264.	1.0	15
21	Identification of the dipteran Leu-callatostatin peptide family: the pattern of precursor processing revealed by isolation studies in <i>Calliphora vomitoria</i> . <i>Regulatory Peptides</i> , 1996, 67, 11-19.	1.9	32
22	Purification and characterization of five cuticular proteins from the spider <i>Araneus diadematus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1996, 26, 907-915.	1.2	16
23	Evolution of the larval cuticle proteins coded by the secondary sex chromosome pair:X2 and neo-Y of <i>Drosophila miranda</i> : II. Comparison at the amino acid sequence level. <i>Journal of Molecular Evolution</i> , 1996, 43, 413-417.	0.8	2
24	Cloning and Sequencing of a cDNA Encoding a Larval-Pupal-Specific Cuticular Protein in <i>Tenebrio Molitor</i> (Insecta, Coleoptera). <i>Developmental Expression and Effect of a Juvenile Hormone Analogue</i> . <i>FEBS Journal</i> , 1996, 235, 138-143.	0.2	15
25	Purification and cDNA cloning of evolutionally conserved larval cuticle proteins of the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1997, 27, 701-709.	1.2	24
26	Cuticular Proteins from the Lobster, <i>Homarus americanus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1997, 118, 147-154.	0.7	33
27	Isolation and Identification of Multiple Neuropeptides of the Allatostatin Superfamily in the Shore Crab <i>Carcinus Maenas</i> . <i>FEBS Journal</i> , 1997, 250, 727-734.	0.2	79
28	Modulation of expression at the level of splicing of cut-1 RNA in the infective second-stage juvenile of the plant parasitic nematode <i>Meloidogyne artiellia</i> . <i>Molecular Genetics and Genomics</i> , 1997, 253, 589-598.	2.4	18
29	Identification, tissue localisation and physiological effect in vitro of a neuroendocrine peptide identical to a dipteran Leu-callatostatin in the codling moth <i>Cydia pomonella</i> (Tortricidae:). <i>Tj ETQq0 0 0 rgBT /Overlook 10 Tfr 50 337 Td</i>		
30	Primary structure of two major cuticular proteins from the migratory locust, <i>Locusta migratoria</i> , and their identification in polyacrylamide gels by mass spectrometry. <i>BBA - Proteins and Proteomics</i> , 1998, 1429, 151-162.	2.1	13
31	Characterization of proteins from arthrodial membranes of the lobster, <i>Homarus americanus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1998, 121, 375-383.	0.8	26
32	A family of pupal-specific cuticular protein genes in the mosquito <i>Anopheles gambiae</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1998, 28, 459-472.	1.2	31
33	Amino acid sequence studies on endocuticular proteins from the desert locust, <i>Schistocerca gregaria</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1998, 28, 421-434.	1.2	99
34	Sequence studies on post-ecdysial cuticular proteins from pupae of the yellow mealworm, <i>Tenebrio molitor</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1998, 28, 517-526.	1.2	14
35	A cuticular protein from the moulting stages of an insect. <i>Insect Biochemistry and Molecular Biology</i> , 1998, 28, 659-669.	1.2	23
36	Role of Cuticle-Degrading Proteases in the Virulence of <i>Metarhizium</i> spp. for the Desert Locust, <i>Schistocerca gregaria</i> . <i>Journal of Invertebrate Pathology</i> , 1998, 71, 128-137.	1.5	74

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37	Exoskeletal proteins from the crab, <i>Cancer pagurus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1999, 123, 203-211.	0.8	64
38	Studies on proteins in post-ecdysial nymphal cuticle of locust, <i>Locusta migratoria</i> , and cockroach, <i>Blaberus craniifer</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2000, 30, 569-577.	1.2	122
39	Purification and sequence determination of a yellow protein from sexually mature males of the desert locust, <i>Schistocerca gregaria</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2001, 31, 1183-1189.	1.2	31
40	Purification and Structural Determination of a Phosphorylated Peptide with Anti-calcification and Chitin-binding Activities in the Exoskeleton of the Crayfish, <i>Procambarus clarkii</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 1840-1848.	0.6	101
41	Characterization and cDNA cloning of three major proteins from pharate pupal cuticle of <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 331-343.	1.2	25
42	Partial N-Terminal Sequences of Larval Cuticular Proteins from the Dipteran <i>Ceratitis capitata</i> . <i>Hereditas</i> , 2004, 122, 79-83.	0.5	0
43	Cuticular Proteins. , 2005, , 79-109.		40
44	Fast sequence evolution of Hox and Hox-derived genes in the genus <i>Drosophila</i> . <i>BMC Evolutionary Biology</i> , 2006, 6, 106.	3.2	19
45	Isoforms of a cuticular protein from larvae of the meal beetle, <i>Tenebrio molitor</i> , studied by mass spectrometry in combination with Edman degradation and two-dimensional polyacrylamide gel electrophoresis. <i>Protein Science</i> , 1995, 4, 394-404.	3.1	57
46	Cuticular Proteins. , 2012, , 134-166.		33
47	The molecular biology of the olive fly comes of age. <i>BMC Genetics</i> , 2014, 15, S8.	2.7	17
48	Identification and expression of cuticular protein genes based on <i>Locusta migratoria</i> transcriptome. <i>Scientific Reports</i> , 2017, 7, 45462.	1.6	48
49	Chito-Protein Matrices in Arthropod Exoskeletons and Peritrophic Matrices. <i>Biologically-inspired Systems</i> , 2019, , 3-56.	0.4	10
50	A General Strategy for the use of Mass Spectrometric Molecular Weight Information in Protein Purification and Sequence Determination. , 1993, , 149-156.		8
51	Identification of O-Glycosylation Sites with a Gas Phase Sequencer. , 1992, , 277-286.		6
52	[Hyp3]Met-callatostatin. Identification and biological properties of a novel neuropeptide from the blowfly <i>Calliphora vomitoria</i> . <i>Journal of Biological Chemistry</i> , 1994, 269, 21059-21066.	1.6	51
53	Amino acid sequence of Sp23, a structural protein of the spermatophore of the mealworm beetle, <i>Tenebrio molitor</i> . <i>Journal of Biological Chemistry</i> , 1992, 267, 18852-18857.	1.6	12
54	Plasma Desorption Mass Spectrometry: Principles and Applications to Protein Studies. , 1992, , 213-227.		1

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55	Mass Spectrometry in Protein Structural Analysis. <i>Pharmaceutical Biotechnology</i> , 1995, 7, 145-177.	0.3	0
56	The Met-callatostatins of the blowfly <i>Calliphora vomitoria</i> : post-translational modifications, neuronal mapping and functional significance. , 1996, , 185-193.		1
57	Cuticle Protein LmACP19 Is Required for the Stability of Epidermal Cells in Wing Development and Morphogenesis of <i>Locusta migratoria</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 3106.	1.8	0