

Kenneth SÃ¸nderhÃ¸ll

List of Publications by Year in descending order

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203
papers

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12330

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#	ARTICLE	IF	CITATIONS
1	Gut microbiome alterations in the crustacean <i>Pacifastacus leniusculus</i> exposed to environmental concentrations of antibiotics and effects on susceptibility to bacteria challenges. <i>Developmental and Comparative Immunology</i> , 2022, 126, 104181.	2.3	10
2	The stress-immunity axis in shellfish. <i>Journal of Invertebrate Pathology</i> , 2021, 186, 107492.	3.2	37
3	<i>Vibrio areninigræ</i> as a pathogenic bacterium in a crustacean. <i>Journal of Invertebrate Pathology</i> , 2021, 178, 107517.	3.2	9
4	Early Changes in Crayfish Hemocyte Proteins after Injection with a β -1,3-glucan, Compared to Saline Injected and Naive Animals. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6464.	4.1	9
5	Immune properties of invertebrate phenoloxidases. <i>Developmental and Comparative Immunology</i> , 2021, 122, 104098.	2.3	71
6	Introduction for special issue: Antiviral immunity in invertebrates. <i>Developmental and Comparative Immunology</i> , 2021, 122, 104115.	2.3	1
7	A transcription factor glial cell missing (Gcm) in the freshwater crayfish <i>Pacifastacus leniusculus</i> . <i>Developmental and Comparative Immunology</i> , 2020, 113, 103782.	2.3	7
8	Transglutaminase 1 and 2 are localized in different blood cells in the freshwater crayfish <i>Pacifastacus leniusculus</i> . <i>Fish and Shellfish Immunology</i> , 2020, 104, 83-91.	3.6	12
9	The N-terminal peptide generated after activation of prophenoloxidase affects crayfish hematopoiesis. <i>Developmental and Comparative Immunology</i> , 2020, 108, 103687.	2.3	12
10	Environmental concentrations of sulfamethoxazole increase crayfish <i>Pacifastacus leniusculus</i> susceptibility to White Spot Syndrome Virus. <i>Fish and Shellfish Immunology</i> , 2020, 102, 177-184.	3.6	20
11	Astakine1 forms protein complex in plasma. <i>Fish and Shellfish Immunology</i> , 2019, 94, 66-71.	3.6	4
12	Transglutaminase inhibition stimulates hematopoiesis and reduces aggressive behavior of crayfish, <i>Pacifastacus leniusculus</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 708-715.	3.4	15
13	Crayfish immunity – Recent findings. <i>Developmental and Comparative Immunology</i> , 2018, 80, 94-98.	2.3	58
14	Clotting protein – An extracellular matrix (ECM) protein involved in crustacean hematopoiesis. <i>Developmental and Comparative Immunology</i> , 2018, 78, 132-140.	2.3	25
15	Characterization of a cold-active transglutaminase from a crayfish, <i>Pacifastacus leniusculus</i> . <i>Fish and Shellfish Immunology</i> , 2018, 80, 546-549.	3.6	23
16	The effect of temperature on white spot disease progression in a crustacean, <i>Pacifastacus leniusculus</i> . <i>Developmental and Comparative Immunology</i> , 2018, 89, 7-13.	2.3	13
17	Arthropoda: Pattern Recognition Proteins in Crustacean Immunity. , 2018, , 213-224.		6
18	The effect of temperature on bacteria-host interactions in the freshwater crayfish, <i>Pacifastacus leniusculus</i> . <i>Journal of Invertebrate Pathology</i> , 2018, 157, 67-73.	3.2	18

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19	Transfection of crayfish hematopoietic tissue cells. <i>Developmental and Comparative Immunology</i> , 2018, 88, 70-76.	2.3	12
20	Role of astakine1 in regulating transglutaminase activity. <i>Developmental and Comparative Immunology</i> , 2017, 76, 77-82.	2.3	18
21	PDGF/VEGF-Related Receptor Affects Transglutaminase Activity to Control Cell Migration During Crustacean Hematopoiesis. <i>Stem Cells and Development</i> , 2017, 26, 1449-1459.	2.1	16
22	A <i>Pacifastacus leniusculus</i> serine protease interacts with WSSV. <i>Fish and Shellfish Immunology</i> , 2017, 68, 211-219.	3.6	9
23	Announcing the appointment of Mike Belosevic as Coeditor-in-Chief. <i>Developmental and Comparative Immunology</i> , 2016, 55, A1.	2.3	0
24	Characterization of a hemocyte homeostasis-associated-like protein (HHAP) in the freshwater crayfish <i>Pacifastacus leniusculus</i> . <i>Fish and Shellfish Immunology</i> , 2016, 58, 429-435.	3.6	10
25	Reactive Oxygen Species Affect Transglutaminase Activity and Regulate Hematopoiesis in a Crustacean. <i>Journal of Biological Chemistry</i> , 2016, 291, 17593-17601.	3.4	34
26	THERMOLYSIN DAMAGES ANIMAL LIFE THROUGH DEGRADATION OF PLASMA PROTEINS ENHANCED BY RAPID CLEAVAGE OF SERPINS AND ACTIVATION OF PROTEASES. <i>Archives of Insect Biochemistry and Physiology</i> , 2015, 88, 64-84.	1.5	3
27	Interaction of <i>Vibrio</i> spp. with the Inner Surface of the Digestive Tract of <i>Penaeus monodon</i> . <i>PLoS ONE</i> , 2015, 10, e0135783.	2.5	68
28	Caspase-1-Like Regulation of the proPO-System and Role of ppA and Caspase-1-Like Cleaved Peptides from proPO in Innate Immunity. <i>PLoS Pathogens</i> , 2014, 10, e1004059.	4.7	36
29	A calreticulin/gC1qR complex prevents cells from dying: a conserved mechanism from arthropods to humans. <i>Journal of Molecular Cell Biology</i> , 2014, 6, 535-536.	3.3	0
30	Hijacking of Host Calreticulin is Required for the White Spot Syndrome Virus Replication Cycle.. <i>Journal of Virology</i> , 2014, 88, JVI.01014-14.	3.4	12
31	Recombinant <i>Drosophila</i> prophenoloxidase 1 is sequentially cleaved by $\hat{\text{I}}\pm$ -chymotrypsin during in vitro activation. <i>Biochimie</i> , 2014, 102, 154-165.	2.6	16
32	Prophenoloxidase-activating Enzyme. , 2013, , 3068-3074.		2
33	An MBL-like protein may interfere with the activation of the proPO-system, an important innate immune reaction in invertebrates. <i>Immunobiology</i> , 2013, 218, 159-168.	1.9	48
34	Astakine 2â€™the Dark Knight Linking Melatonin to Circadian Regulation in Crustaceans. <i>PLoS Genetics</i> , 2013, 9, e1003361.	3.5	12
35	Variable immune molecules in invertebrates. <i>Journal of Experimental Biology</i> , 2013, 216, 4313-4319.	1.7	57
36	A calreticulin/gC1qR complex prevents cells from dying: a conserved mechanism from arthropods to humans. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 120-131.	3.3	24

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37	Î²-Thymosins and Hemocyte Homeostasis in a Crustacean. <i>PLoS ONE</i> , 2013, 8, e60974.	2.5	29
38	Hindgut Innate Immunity and Regulation of Fecal Microbiota through Melanization in Insects. <i>Journal of Biological Chemistry</i> , 2012, 287, 14270-14279.	3.4	99
39	Invertebrate Hematopoiesis: An Anterior Proliferation Center As a Link Between the Hematopoietic Tissue and the Brain. <i>Stem Cells and Development</i> , 2012, 21, 3173-3186.	2.1	49
40	An insect TEP in a crustacean is specific for cuticular tissues and involved in intestinal defense. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 71-80.	2.7	45
41	A mammalian like interleukin-1 receptor-associated kinase 4 (IRAK-4), a TIR signaling mediator in intestinal innate immunity of black tiger shrimp (<i>Penaeus monodon</i>). <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 623-629.	2.1	15
42	Existence of Prophenoloxidase in Wing Discs: A Source of Plasma Prophenoloxidase in the Silkworm, <i>Bombyx mori</i> . <i>PLoS ONE</i> , 2012, 7, e41416.	2.5	11
43	Pefabloc â€“ A sulfonyl fluoride serine protease inhibitor blocks induction of <i>Diptericin</i> in <i>Drosophila</i> l(2)mbn cells. <i>Insect Science</i> , 2012, 19, 472-476.	3.0	2
44	Peptidoglycan activation of the proPO-system without a peptidoglycan receptor protein (PGRP)?. <i>Developmental and Comparative Immunology</i> , 2011, 35, 51-61.	2.3	41
45	An ancient cytokine, astakine, mediates circadian regulation of invertebrate hematopoiesis. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 315-323.	5.4	33
46	Two novel ficolinâ€like proteins act as pattern recognition receptors for invading pathogens in the freshwater crayfish <i>Pacifastacus leniusculus</i>. <i>Proteomics</i> , 2011, 11, 2249-2264.	2.2	65
47	Invertebrate Hematopoiesis: An Astakine-Dependent Novel Hematopoietic Factor. <i>Journal of Immunology</i> , 2011, 186, 2073-2079.	0.8	65
48	Coagulation in Invertebrates. <i>Journal of Innate Immunity</i> , 2011, 3, 3-8.	3.8	79
49	Bacteria-Induced Dscam Isoforms of the Crustacean, <i>Pacifastacus leniusculus</i> . <i>PLoS Pathogens</i> , 2011, 7, e1002062.	4.7	97
50	Proteolytic cascades and their involvement in invertebrate immunity. <i>Trends in Biochemical Sciences</i> , 2010, 35, 575-583.	7.5	308
51	Inflammation in Arthropods. <i>Current Pharmaceutical Design</i> , 2010, 16, 4166-4174.	1.9	32
52	A gC1qR Prevents White Spot Syndrome Virus Replication in the Freshwater Crayfish <i>Pacifastacus leniusculus</i>. <i>Journal of Virology</i> , 2010, 84, 10844-10851.	3.4	34
53	Ancient Cytokines, the Role of Astakines as Hematopoietic Growth Factors. <i>Journal of Biological Chemistry</i> , 2010, 285, 28577-28586.	3.4	61
54	Role of Adhesion in Arthropod Immune Recognition. <i>Annual Review of Entomology</i> , 2010, 55, 485-504.	11.8	59

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55	In vitro effects on bacterial growth of phenoloxidase reaction products. <i>Journal of Invertebrate Pathology</i> , 2010, 103, 21-23.	3.2	53
56	Characterization of two crustin antimicrobial peptides from the freshwater crayfish <i>Pacifastacus leniusculus</i> . <i>Journal of Invertebrate Pathology</i> , 2010, 104, 234-238.	3.2	45
57	Expression of immune-related genes in one phase of embryonic development of freshwater crayfish, <i>Pacifastacus leniusculus</i> . <i>Fish and Shellfish Immunology</i> , 2010, 28, 649-653.	3.6	22
58	Proteinase inhibitory activities of two two-domain Kazal proteinase inhibitors from the freshwater crayfish <i>Pacifastacus leniusculus</i> and the importance of the P2 position in proteinase inhibitory activity. <i>Fish and Shellfish Immunology</i> , 2010, 29, 716-723.	3.6	8
59	Expression of immune-related genes in the digestive organ of shrimp, <i>Penaeus monodon</i> , after an oral infection by <i>Vibrio harveyi</i> . <i>Developmental and Comparative Immunology</i> , 2010, 34, 19-28.	2.3	134
60	High sequence variability among hemocyte-specific Kazal-type proteinase inhibitors in decapod crustaceans. <i>Developmental and Comparative Immunology</i> , 2010, 34, 69-75.	2.3	24
61	A Novel Viral Responsive Protein Is Involved in Hemocyte Homeostasis in the Black Tiger Shrimp, <i>Penaeus monodon</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 21467-21477.	3.4	28
62	Beetle Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2010, 708, 163-180.	1.6	44
63	Melanization and Pathogenicity in the Insect, <i>Tenebrio molitor</i> , and the Crustacean, <i>Pacifastacus leniusculus</i> , by <i>Aeromonas hydrophila</i> AH-3. <i>PLoS ONE</i> , 2010, 5, e15728.	2.5	35
64	Invertebrate immunity. Preface. <i>Advances in Experimental Medicine and Biology</i> , 2010, 708, vii-ix.	1.6	5
65	Biological and Immunological Aspects of Innate Defence Mechanisms Activated by (1,3)- β -D-Glucans and Related Polysaccharides in Invertebrates. , 2009, , 563-577.		5
66	Role of anti-lipopolysaccharide factor from the black tiger shrimp, <i>Penaeus monodon</i> , in protection from white spot syndrome virus infection. <i>Journal of General Virology</i> , 2009, 90, 1491-1498.	2.9	103
67	Proteolytic Cascade for the Activation of the Insect Toll Pathway Induced by the Fungal Cell Wall Component. <i>Journal of Biological Chemistry</i> , 2009, 284, 19474-19481.	3.4	138
68	Identification and properties of a receptor for the invertebrate cytokine astakine, involved in hematopoiesis. <i>Experimental Cell Research</i> , 2009, 315, 1171-1180.	2.6	54
69	Phylogenetic relationships among plant and animal parasites, and saprotrophs in <i>Aphanomyces</i> (Oomycetes). <i>Fungal Genetics and Biology</i> , 2009, 46, 365-376.	2.1	120
70	Antiviral immunity in crustaceans. <i>Fish and Shellfish Immunology</i> , 2009, 27, 79-88.	3.6	128
71	A highly virulent pathogen, <i>Aeromonas hydrophila</i> , from the freshwater crayfish <i>Pacifastacus leniusculus</i> . <i>Journal of Invertebrate Pathology</i> , 2009, 101, 56-66.	3.2	104
72	A Novel Protein Acts as a Negative Regulator of Prophenoloxidase Activation and Melanization in the Freshwater Crayfish <i>Pacifastacus leniusculus</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 6301-6310.	3.4	71

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73	Hemocyte lineage marker proteins in a crustacean, the freshwater crayfish, <i>Pacifastacus leniusculus</i> . <i>Proteomics</i> , 2008, 8, 4226-4235.	2.2	61
74	Transglutaminase activity in the hematopoietic tissue of a crustacean, <i>Pacifastacus leniusculus</i> , importance in hemocyte homeostasis. <i>BMC Immunology</i> , 2008, 9, 58.	2.2	82
75	The proPO-system: pros and cons for its role in invertebrate immunity. <i>Trends in Immunology</i> , 2008, 29, 263-271.	6.8	1,008
76	A Three-step Proteolytic Cascade Mediates the Activation of the Peptidoglycan-induced Toll Pathway in an Insect. <i>Journal of Biological Chemistry</i> , 2008, 283, 7599-7607.	3.4	142
77	Molecular Control of Phenoloxidase-induced Melanin Synthesis in an Insect. <i>Journal of Biological Chemistry</i> , 2008, 283, 25316-25323.	3.4	198
78	Phenoloxidase Is an Important Component of the Defense against <i>Aeromonas hydrophila</i> Infection in a Crustacean, <i>Pacifastacus leniusculus</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 33593-33598.	3.4	213
79	Purification of properoxinectin, a myeloperoxidase homologue and its activation to a cell adhesion molecule. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 87-93.	2.4	47
80	Re-evaluation of the enigmatic species complex <i>Saprolegnia diclina</i> – <i>Saprolegnia parasitica</i> based on morphological, physiological and molecular data. <i>Fungal Genetics and Biology</i> , 2007, 44, 585-601.	2.1	93
81	RNA interference of Hemolin causes depletion of phenoloxidase activity in <i>Hyalophora cecropia</i> . <i>Developmental and Comparative Immunology</i> , 2007, 31, 571-575.	2.3	56
82	Expression of immune-related genes in larval stages of the giant tiger shrimp, <i>Penaeus monodon</i> . <i>Fish and Shellfish Immunology</i> , 2007, 23, 815-824.	3.6	80
83	Characterization of white spot syndrome virus replication in in vitro-cultured haematopoietic stem cells of freshwater crayfish, <i>Pacifastacus leniusculus</i> . <i>Journal of General Virology</i> , 2006, 87, 847-854.	2.9	74
84	White spot syndrome virus (WSSV) interaction with crayfish haemocytes. <i>Fish and Shellfish Immunology</i> , 2006, 20, 718-727.	3.6	58
85	Cell-mediated immunity in arthropods: Hematopoiesis, coagulation, melanization and opsonization. <i>Immunobiology</i> , 2006, 211, 213-236.	1.9	718
86	Characterization of a hemocyte intracellular fatty acid-binding protein from crayfish (<i>Pacifastacus</i>)	4.7	28
87	Of Two Cytosolic Aconitases Expressed in <i>Drosophila</i> , Only One Functions as an Iron-regulatory Protein. <i>Journal of Biological Chemistry</i> , 2006, 281, 18707-18714.	3.4	53
88	A Synthetic Peptidoglycan Fragment as a Competitive Inhibitor of the Melanization Cascade. <i>Journal of Biological Chemistry</i> , 2006, 281, 7747-7755.	3.4	50
89	A Novel 40-kDa Protein Containing Six Repeats of an Epidermal Growth Factor-Like Domain Functions as a Pattern Recognition Protein for Lipopolysaccharide. <i>Journal of Immunology</i> , 2006, 177, 1838-1845.	0.8	31
90	Antilipopolysaccharide Factor Interferes with White Spot Syndrome Virus Replication In Vitro and In Vivo in the Crayfish <i>Pacifastacus leniusculus</i> . <i>Journal of Virology</i> , 2006, 80, 10365-10371.	3.4	224

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91	A Novel 43-kDa Protein as a Negative Regulatory Component of Phenoloxidase-induced Melanin Synthesis. <i>Journal of Biological Chemistry</i> , 2005, 280, 24744-24751.	3.4	53
92	Microarray analysis of immune challenged hemocytes. <i>Experimental Cell Research</i> , 2005, 305, 145-155.	2.6	89
93	An Ancient Role for a Prokineticin Domain in Invertebrate Hematopoiesis. <i>Journal of Immunology</i> , 2005, 174, 6153-6160.	0.8	163
94	Characterisation of a serine proteinase from <i>Penaeus vannamei</i> haemocytes. <i>Fish and Shellfish Immunology</i> , 2005, 18, 101-108.	3.6	46
95	Peptidoglycan Recognition Proteins Involved in 1,3- β -D-Glucan-dependent Prophenoloxidase Activation System of Insect. <i>Journal of Biological Chemistry</i> , 2004, 279, 3218-3227.	3.4	87
96	The prophenoloxidase-activating system in invertebrates. <i>Immunological Reviews</i> , 2004, 198, 116-126.	6.0	1,378
97	Physiological and genetic characterisation of some new <i>Aphanomyces</i> strains isolated from freshwater crayfish. <i>Veterinary Microbiology</i> , 2004, 104, 103-112.	1.9	37
98	Molecular cloning and characterization of tiger shrimp (<i>Penaeus monodon</i>) transglutaminase. <i>Developmental and Comparative Immunology</i> , 2004, 28, 279-294.	2.3	61
99	Molecular cloning of a β -glucan pattern-recognition lipoprotein from the white shrimp <i>Penaeus (Litopenaeus) vannamei</i> : correlations between the deduced amino acid sequence and the native protein structure. <i>Developmental and Comparative Immunology</i> , 2004, 28, 713-726.	2.3	54
100	Effect of water temperature on the immune response and infectivity pattern of white spot syndrome virus (WSSV) in freshwater crayfish. <i>Fish and Shellfish Immunology</i> , 2004, 17, 265-275.	3.6	122
101	A single WAP domain-containing protein from <i>Litopenaeus vannamei</i> hemocytes. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 681-687.	2.1	51
102	Processing of crayfish hemocyanin subunits into phenoloxidase. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 490-496.	2.1	112
103	Coagulation in arthropods: defence, wound closure and healing. <i>Trends in Immunology</i> , 2004, 25, 289-294.	6.8	297
104	Host prophenoloxidase expression in freshwater crayfish is linked to increased resistance to the crayfish plague fungus, <i>Aphanomyces astaci</i> . <i>Cellular Microbiology</i> , 2003, 5, 353-357.	2.1	130
105	Hemocyte production and maturation in an invertebrate animal; proliferation and gene expression in hematopoietic stem cells of <i>Pacifastacus leniusculus</i> . <i>Developmental and Comparative Immunology</i> , 2003, 27, 661-672.	2.3	261
106	Characterization and Properties of a 1,3- β -D-Glucan Pattern Recognition Protein of <i>Tenebrio molitor</i> Larvae That Is Specifically Degraded by Serine Protease during Prophenoloxidase Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 42072-42079.	3.4	85
107	Processing of an Antibacterial Peptide from Hemocyanin of the Freshwater Crayfish <i>Pacifastacus leniusculus</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 7927-7933.	3.4	200
108	A New Easter-type Serine Protease Cleaves a Masquerade-like Protein during Prophenoloxidase Activation in <i>Holotrichia diomphalia</i> Larvae. <i>Journal of Biological Chemistry</i> , 2002, 277, 39999-40004.	3.4	138

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109	Early events in crustacean innate immunity. <i>Fish and Shellfish Immunology</i> , 2002, 12, 421-437.	3.6	384
110	A β -1,3-glucan binding protein from the black tiger shrimp, <i>Penaeus monodon</i> . <i>Developmental and Comparative Immunology</i> , 2002, 26, 237-245.	2.3	104
111	Crustacean blood cell cultures; a new tool for immune studies and parasite-host interactions. <i>Fisheries Science</i> , 2002, 68, 1116-1118.	1.6	2
112	Molecular Cloning and Characterization of Two Serine Proteinase Genes from the Crayfish Plague Fungus, <i>Aphanomyces astaci</i> . <i>Journal of Invertebrate Pathology</i> , 2001, 77, 206-216.	3.2	21
113	Properties of the prophenoloxidase activating enzyme of the freshwater crayfish, <i>Pacifastacus leniusculus</i> . <i>FEBS Journal</i> , 2001, 268, 895-902.	0.2	157
114	Enteric Bacteria Counteract Lipopolysaccharide Induction of Antimicrobial Peptide Genes. <i>Journal of Immunology</i> , 2001, 167, 6920-6923.	0.8	24
115	Characterization of a Pattern Recognition Protein, a Masquerade-Like Protein, in the Freshwater Crayfish <i>Pacifastacus leniusculus</i> . <i>Journal of Immunology</i> , 2001, 166, 7319-7326.	0.8	138
116	A Cell Adhesion Protein from the Crayfish <i>Pacifastacus leniusculus</i> , a Serine Proteinase Homologue Similar to <i>Drosophila</i> Masquerade. <i>Journal of Biological Chemistry</i> , 2000, 275, 9996-10001.	3.4	91
117	The proPO and clotting system in crustaceans. <i>Aquaculture</i> , 2000, 191, 53-69.	3.5	394
118	Crustacean haemocytes and haematopoiesis. <i>Aquaculture</i> , 2000, 191, 45-52.	3.5	549
119	A Lipopolysaccharide- and β -1,3-Glucan-binding Protein from Hemocytes of the Freshwater Crayfish <i>Pacifastacus leniusculus</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 1337-1343.	3.4	274
120	An atypical Iron-Responsive Element (IRE) within crayfish ferritin mRNA and an Iron Regulatory Protein 1 (IRP1)-like protein from crayfish hepatopancreas. <i>Insect Biochemistry and Molecular Biology</i> , 1999, 29, 1-9.	2.7	37
121	Molecular cloning and characterization of prophenoloxidase in the black tiger shrimp, <i>Penaeus monodon</i> . <i>Developmental and Comparative Immunology</i> , 1999, 23, 179-186.	2.3	120
122	Cell adhesion molecules and antioxidative enzymes in a crustacean, possible role in immunity. <i>Aquaculture</i> , 1999, 172, 111-123.	3.5	318
123	Role of the prophenoloxidase-activating system in invertebrate immunity. <i>Current Opinion in Immunology</i> , 1998, 10, 23-28.	5.5	1,146
124	<i>Drosophila</i> ferritin mRNA: alternative RNA splicing regulates the presence of the iron-responsive element. <i>FEBS Letters</i> , 1998, 436, 476-482.	2.8	48
125	RAPD evidence for the origin of crayfish plague outbreaks in Britain. <i>Aquaculture</i> , 1997, 157, 181-185.	3.5	47
126	Using PRINS for gene mapping in polytene chromosomes. <i>Chromosome Research</i> , 1997, 5, 463-465.	2.2	10

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127	Identification and cloning of an integrin β^2 subunit from hemocytes of the freshwater crayfish <i>Pacifastacus leniusculus</i> . , 1997, 277, 255-261.		40
128	Identification and cloning of an integrin β^2 subunit from hemocytes of the freshwater crayfish <i>Pacifastacus leniusculus</i> . <i>The Journal of Experimental Zoology</i> , 1997, 277, 255-261.	1.4	3
129	A plasma protein isolated from brown shrimp (<i>Penaeus californiensis</i>) which enhances the activation of prophenoloxidase system by β^2 -1,3-glucan. <i>Developmental and Comparative Immunology</i> , 1996, 20, 299-306.	2.3	72
130	Purification and cDNA Cloning of Ferritin from the Hepatopancreas of the Freshwater Crayfish <i>Pacifastacus leniusculus</i> . <i>FEBS Journal</i> , 1996, 236, 450-456.	0.2	61
131	Physiological adaptation of an <i>Aphanomyces astaci</i> strain isolated from the freshwater crayfish <i>Procambarus clarkii</i> . <i>Mycological Research</i> , 1995, 99, 574-578.	2.5	122
132	Crustacean Immunity and Complement; a Premature Comparison?. <i>American Zoologist</i> , 1995, 35, 60-67.	0.7	12
133	Isolation of cDNA encoding a novel serpin of crayfish hemocytes. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1995, 112, 385-391.	1.6	24
134	Crayfish β -macroglobulin as a substrate for transglutaminases. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1994, 108, 65-72.	0.2	22
135	Purification and cDNA cloning of a four-domain Kazal proteinase inhibitor from crayfish blood cells. <i>FEBS Journal</i> , 1994, 223, 389-394.	0.2	75
136	Repeated zoospore emergence in <i>Saprolegnia parasitica</i> . <i>Mycological Research</i> , 1994, 98, 810-815.	2.5	61
137	The Prophenoloxidase Activating System and Its Role in Invertebrate Defence. <i>Annals of the New York Academy of Sciences</i> , 1994, 712, 155-161.	3.8	152
138	Oponic activity of cell adhesion proteins and β^2 -1,3-glucan binding proteins from two crustaceans. <i>Developmental and Comparative Immunology</i> , 1994, 18, 3-12.	2.3	118
139	<i>Saprolegnia parasitica</i> and its virulence on three different species of freshwater crayfish. <i>Aquaculture</i> , 1994, 120, 219-228.	3.5	57
140	Analysis of genetic diversity in the crayfish plague fungus, <i>Aphanomyces astaci</i> , by random amplification of polymorphic DNA. <i>Aquaculture</i> , 1994, 126, 1-9.	3.5	110
141	Characterization of a clotting protein, isolated from plasma of the freshwater crayfish <i>Pacifastacus leniusculus</i> . <i>FEBS Journal</i> , 1993, 213, 591-597.	0.2	107
142	Isolation of <i>Trichosporon beigelii</i> from the freshwater crayfish <i>Astacus astacus</i> . <i>Aquaculture</i> , 1993, 116, 25-31.	3.5	11
143	<i>Psorospermium haeckeli</i> and its interaction with the crayfish defence system. <i>Aquaculture</i> , 1993, 117, 205-213.	3.5	32
144	Intracellular signaling in arthropod blood cells: Involvement of protein kinase c and protein tyrosine phosphorylation in the response to the 76-kDa protein or the β^2 -1,3-glucan-binding protein in crayfish. <i>Developmental and Comparative Immunology</i> , 1993, 17, 495-500.	2.3	23

#	ARTICLE	IF	CITATIONS
145	Î²-1,3-glucan-binding Proteins From Plasma of the Fresh-water Crayfishes <i>Astacus Astacus</i> and <i>Procambarus Clarkii</i> . <i>Journal of Crustacean Biology</i> , 1993, 13, 403-408.	0.8	35
146	Isolation and characterization of a hemagglutinin with affinity for lipopolysaccharides from plasma of the crayfish <i>Pacifastacus leniusculus</i> . <i>Developmental and Comparative Immunology</i> , 1993, 17, 407-418.	2.3	40
147	Prophenoloxidase Activating System and Its Role in Cellular Communication. , 1993, , 113-129.		8
148	Biochemical and molecular aspects of cellular communication in arthropods. <i>Bollettino Di Zoologia</i> , 1992, 59, 141-151.	0.3	54
149	Prevention of transmission of the crayfish plague fungus (<i>Aphanomyces astaci</i>) to the freshwater crayfish <i>Astacus astacus</i> by treatment with MgCl ₂ . <i>Aquaculture</i> , 1992, 104, 11-18.	3.5	27
150	Crustacean immunity. <i>Annual Review of Fish Diseases</i> , 1992, 2, 3-23.	1.0	352
151	emergence and oospore formation in <i>Aphanomyces</i> spp.. <i>Pest Management Science</i> , 1992, 36, 189-194.	0.4	8
152	Crayfish Î±-macroglobulin and 76 kDa protein; Their biosynthesis and subcellular localization of the 76 kDa protein. <i>Journal of Insect Physiology</i> , 1992, 38, 987-995.	2.0	41
153	Purification and partial characterization of a beta-1,3-glucan-binding-protein membrane receptor from blood cells of the crayfish <i>Pacifastacus leniusculus</i> . <i>FEBS Journal</i> , 1992, 207, 223-228.	0.2	60
154	Isolation of a 90kDa protein from haemocytes of <i>Blaberus craniifer</i> which has similar functional and immunological properties to the 76 kDa protein from crayfish haemocytes. <i>Journal of Insect Physiology</i> , 1991, 37, 627-634.	2.0	34
155	A comparison of phenoloxidase activity in the blood of marine invertebrates. <i>Developmental and Comparative Immunology</i> , 1991, 15, 251-261.	2.3	217
156	Isolation of <i>Saprolegnia parasitica</i> from the crayfish <i>Astacus leptodactylus</i> . <i>Aquaculture</i> , 1991, 92, 121-125.	3.5	49
157	The crayfish pathogen <i>Psorospermium haeckeli</i> activates the prophenoloxidase activating system of freshwater crayfish in vitro. <i>Aquaculture</i> , 1991, 99, 225-233.	3.5	12
158	Purification of prophenoloxidase from crayfish blood cells, and its activation by an endogenous serine proteinase. <i>Insect Biochemistry</i> , 1991, 21, 363-373.	1.8	153
159	The Î²-1,3-glucan-binding protein from the crayfish <i>Pacifastacus leniusculus</i> , when reacted with a Î²-1,3-glucan, induces spreading and degranulation of crayfish granular cells. <i>Cell and Tissue Research</i> , 1991, 266, 491-497.	2.9	64
160	The effect of endogeneous proteinase inhibitors on the prophenoloxidase activating enzyme, a serine proteinase from crayfish haemocytes. <i>Insect Biochemistry</i> , 1990, 20, 485-492.	1.8	84
161	Purification and characterization of a prophenoloxidase activating enzyme from crayfish blood cells. <i>Insect Biochemistry</i> , 1990, 20, 709-718.	1.8	83
162	Purification and Some Properties of a <i>Daucus carota</i> Lectin which Enhances the Activation of Prophenoloxidase by CaCl ₂ . <i>Plant Physiology</i> , 1990, 93, 657-661.	4.8	7

#	ARTICLE	IF	CITATIONS
163	Mannitol metabolism in the ectomycorrhizal basidiomycete <i>Piloderma croceum</i> during glucose utilization. A ¹³ C NMR study. <i>Agriculture, Ecosystems and Environment</i> , 1990, 28, 409-414.	5.3	8
164	The effect of the fungal toxin destruxin E on isolated crayfish haemocytes. <i>Journal of Insect Physiology</i> , 1990, 36, 785-789.	2.0	35
165	A peptide containing the cell adhesion sequence RGD can mediate degranulation and cell adhesion of crayfish granular haemocytes in vitro. <i>Insect Biochemistry</i> , 1989, 19, 573-579.	1.8	49
166	A cell adhesion factor from crayfish haemocytes has degranulating activity towards crayfish granular cells. <i>Insect Biochemistry</i> , 1989, 19, 183-190.	1.8	98
167	Purification of prophenol oxidase from <i>Daucus carota</i> cell cultures. <i>Phytochemistry</i> , 1989, 28, 1805-1808.	2.9	31
168	Amino acid sequence around the thiolester of Î±2-macroglobulin from plasma of the crayfish, <i>Pacifastacus leniusculus</i> . <i>FEBS Letters</i> , 1989, 254, 111-114.	2.8	60
169	The properties and purification of a <i>Blaberus craniifer</i> plasma protein which enhances the activation of haemocyte prophenoloxidase by a Î² 1,3-glucan. <i>Insect Biochemistry</i> , 1988, 18, 323-330.	1.8	96
170	Carbohydrate and Amino Acid Metabolism in the Ectomycorrhizal Ascomycete <i>Sphaerospora brunnea</i> during Glucose Utilization. <i>Plant Physiology</i> , 1988, 86, 935-940.	4.8	88
171	Purification of a Trypsin Inhibitor Secreted by Embryogenic Carrot Cells. <i>Plant Physiology</i> , 1987, 84, 197-200.	4.8	18
172	Carbon and nitrogen metabolism in ectomycorrhizal fungi and ectomycorrhizas. <i>Biochimie</i> , 1987, 69, 569-581.	2.6	81
173	METABOLISM OF MANNITOL IN MYCORRHIZAL AND NON-MYCORRHIZAL FUNGI. <i>New Phytologist</i> , 1987, 105, 281-287.	7.3	20
174	MANNITOL DOES NOT INHIBIT GLYCOLYTIC ENZYMES IN ROOTS OF <i>PINUS SYLVESTRIS</i> AND <i>FAGUS ORIENTALIS</i> . <i>New Phytologist</i> , 1986, 102, 285-291.	7.3	9
175	PHENYLALANINE AMMONIA LYASE AND PEROXIDASE ACTIVITY IN MYCORRHIZAL AND NONMYCORRHIZAL SHORT ROOTS OF SCOTS PINE, <i>PINUS SYLVESTRIS</i> L.. <i>New Phytologist</i> , 1985, 101, 487-494.	7.3	17
176	Studies on prophenoloxidase and protease activity of <i>Blaberus craniifer</i> haemocytes. <i>Insect Biochemistry</i> , 1985, 15, 803-810.	1.8	180
177	The cytotoxic reaction of hemocytes from the freshwater crayfish, <i>Astacus astacus</i> . <i>Cellular Immunology</i> , 1985, 94, 326-332.	3.0	60
178	THE EFFECTS OF Î²1,3-GLUCANS ON BLOOD COAGULATION AND AMEBOCYTE RELEASE IN THE HORSESHOE CRAB, <i>LIMULUS POLYPHEMUS</i> . <i>Biological Bulletin</i> , 1985, 169, 661-674.	1.8	31
179	Isolation and Partial Purification of Prophenoloxidase from <i>Daucus carota</i> L. Cell Cultures. <i>Plant Physiology</i> , 1985, 78, 730-733.	4.8	30
180	Î±2-macroglobulin-like activity in plasma of the crayfish <i>Pacifastacus leniusculus</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1985, 81, 833-835.	0.2	10

#	ARTICLE	IF	CITATIONS
181	The bee venom melittin induces lysis of arthropod granular cells and inhibits activation of the prophenoloxidase-activating system. <i>FEBS Letters</i> , 1985, 192, 109-112.	2.8	10
182	Phenoloxidase activity in <i>Daucus carota</i> is restricted to embryogenic cultures. <i>FEBS Letters</i> , 1985, 187, 295-298.	2.8	5
183	Isolation and properties of beta-glucan synthetase from the aquatic fungus, <i>Aphanomyces astaci</i> . <i>Physiologia Plantarum</i> , 1984, 60, 247-252.	5.2	20
184	Protease activities in non-embryogenic and embryogenic carrot cell strains during callus growth and embryo formation. <i>Physiologia Plantarum</i> , 1984, 62, 458-464.	5.2	12
185	β -1,3-Glucan induced cellular defence reactions in the shore crab, <i>Carcinus maenas</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1984, 77, 635-639.	0.6	97
186	The prophenoloxidase activating system in crayfish. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1984, 77, 21-26.	0.2	101
187	Comparison of peptidase activities in some fungi pathogenic to arthropods. <i>Journal of Invertebrate Pathology</i> , 1984, 44, 342-348.	3.2	14
188	Chemotaxis in <i>Aphanomyces astaci</i> , an arthropod-parasitic fungus. <i>Journal of Invertebrate Pathology</i> , 1984, 43, 278-281.	3.2	31
189	Hemocyte lysate enhancement of fungal spore encapsulation by crayfish hemocytes. <i>Developmental and Comparative Immunology</i> , 1984, 8, 23-29.	2.3	52
190	Protein and nucleic acid synthesis during germination of the asexual spores of the aquatic fungus, <i>Aphanomyces astaci</i> . <i>Physiologia Plantarum</i> , 1983, 58, 13-17.	5.2	9
191	β -1,3-Glucan enhancement of protease activity in crayfish hemocyte lysate. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1983, 74, 221-224.	0.2	28
192	Isolation and properties of a protease inhibitor in crayfish (<i>Astacus astacus</i>) cuticle. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1983, 76, 699-702.	0.2	1
193	Separation of the haemocyte populations of <i>Carcinus Maenas</i> and other marine decapods, and prophenoloxidase distribution. <i>Developmental and Comparative Immunology</i> , 1983, 7, 229-239.	2.3	591
194	Protease, phenoloxidase and pectinase activities in mycorrhizal fungi. <i>Transactions of the British Mycological Society</i> , 1983, 81, 157-161.	0.6	45
195	β -1,3 GLUCAN ACTIVATION OF CRUSTACEAN HEMOCYTES IN VITRO AND IN VIVO. <i>Biological Bulletin</i> , 1983, 164, 299-314.	1.8	182
196	Purification and properties of a protease inhibitor from crayfish hemolymph. <i>Journal of Invertebrate Pathology</i> , 1982, 39, 29-37.	3.2	45
197	Effect of quinones and melanin on mycelial growth of <i>Aphanomyces</i> spp. and extracellular protease of <i>Aphanomyces astaci</i> , a parasite on crayfish. <i>Journal of Invertebrate Pathology</i> , 1982, 39, 105-109.	3.2	130
198	Fungal Cell Wall β -1,3-Glucans Induce Clotting and Phenoloxidase Attachment to Foreign Surfaces of Crayfish Hemocyte Lysate. <i>Developmental and Comparative Immunology</i> , 1981, 5, 565-573.	2.3	181

#	ARTICLE	IF	CITATIONS
199	Activation of serum prophenoloxidase in arthropod immunity. The specificity of cell wall glucan activation and activation by purified fungal glycoproteins of crayfish phenoloxidase. <i>Canadian Journal of Microbiology</i> , 1979, 25, 406-414.	1.7	154
200	Attachment of phenoloxidase to fungal cell walls in arthropod immunity. <i>Journal of Invertebrate Pathology</i> , 1979, 34, 285-294.	3.2	67
201	Soluble fragments from fungal cell walls elicit defence reactions in crayfish. <i>Nature</i> , 1977, 267, 45-46.	27.8	92
202	Properties of Extracellular Enzymes from <i>Aphanomyces astaci</i> and Their Relevance in the Penetration Process of Crayfish Cuticle. <i>Physiologia Plantarum</i> , 1975, 35, 140-146.	5.2	47
203	<i>Aphanomyces astaci</i> and Crustaceans. , 0, , 425-433.		10