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## Role of the prophenoloxidase-activating system in invertebrate immunity

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634	Levels of immunity parameters underpin bleaching and disease susceptibility of reef corals. <b>2010</b> , 24, 1935-46		96

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623	Crustacean immunity. <b>2010</b> , 708, 239-59		72
622	Host partitioning by parasites in an intertidal crustacean community. <b>2010</b> , 96, 862-8		38
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620	Hypoxia tolerance in animals: biology and application. <b>2010</b> , 83, 733-52		85
619	Effects of ergothioneine from mushrooms ( <i>Flammulina velutipes</i> ) on melanosis and lipid oxidation of kuruma shrimp ( <i>Marsupenaeus japonicus</i> ). <b>2010</b> , 58, 2577-85		40
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616	Innate immunity of the white shrimp <i>Litopenaeus vannamei</i> weakened by the combination of a <i>Vibrio alginolyticus</i> injection and low-salinity stress. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 121-7	4.3	48

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614	The role of haemocytes from the crab <i>Carcinus aestuarii</i> (Crustacea, Decapoda) in immune responses: A first survey. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 534-41	4-3	48
613	Two novel secreted ferritins involved in immune defense of Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 604-12	4-3	43
612	Effect of probiotic <i>Pediococcus acidilactici</i> on antioxidant defences and oxidative stress of <i>Litopenaeus stylirostris</i> under <i>Vibrio nigripulchritudo</i> challenge. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 622-31	4-3	144
611	First evidence of laccase activity in the Pacific oyster <i>Crassostrea gigas</i> . <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 719-26	4-3	64
610	Effects of the probiotic, <i>Bacillus subtilis</i> E20, on the survival, development, stress tolerance, and immune status of white shrimp, <i>Litopenaeus vannamei</i> larvae. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 837-44	4-3	126
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608	Toxicity of sodium arsenite in the gill of an economically important mollusc of India. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 29, 136-48	4-3	37
607	Proteomic analysis of differentially expressed proteins in lymphoid organ of <i>Fenneropenaeus chinensis</i> response to <i>Vibrio anguillarum</i> stimulation. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 29, 186-94	4-3	28
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592	Synthesis and antityrosinase activities of alkyl 3,4-dihydroxybenzoates. <b>2011</b> , 59, 6645-9		31
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567	Enhanced immunological and detoxification responses in Pacific oysters, <i>Crassostrea gigas</i> , exposed to chemically dispersed oil. <b>2011</b> , 45, 4103-18		33
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539	Members of the salivary gland surface protein (SGS) family are major immunogenic components of mosquito saliva. <b>2011</b> , 286, 40824-34	29
538	Purification and characterization of phenoloxidase from brine shrimp <i>Artemia sinica</i> . <b>2011</b> , 43, 722-8	2
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531	Optimal acclimation periods for oysters in laboratory-based experiments. <b>2012</b> , 78, 304-307	18
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524	Clone-specific immune reactions in a trematode-crustacean system. <b>2012</b> , 139, 128-36		8
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521	The effects of simulated acid rain and heavy metal pollution on the mountain birch-tummal moth interaction. <b>2012</b> , 22, 251-262		2
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517	A novel protease inhibitor in <i>Bombyx mori</i> is involved in defense against <i>Beauveria bassiana</i> . <b>2012</b> , 42, 766-75		45
516	Towards an integrated network of coral immune mechanisms. <b>2012</b> , 279, 4106-14		83
515	Investigation of Epizootic Shell Disease in American Lobsters ( <i>Homarus americanus</i> ) from Long Island Sound: II. Immune Parameters in Lobsters and Relationships to the Disease. <b>2012</b> , 31, 495-504		14
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513	Differential recognition by tick-resistant cattle of the recombinantly expressed <i>Rhipicephalus microplus</i> serine protease inhibitor-3 (RMS-3). <b>2012</b> , 3, 159-69		30
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511	Insights into the transcriptomics of polyphagy: <i>Bemisia tabaci</i> adaptability to phenylpropanoids involves coordinated expression of defense and metabolic genes. <b>2012</b> , 42, 251-63		38
510	cDNA cloning, characterization and expression of lipopolysaccharide and $\beta$ 1,3-glucan binding protein (LGBP) gene from the Indian white shrimp <i>Fenneropenaeus indicus</i> . <b>2012</b> , 163, 74-81		26
509	Fatty acid binding protein 10 in the orange-spotted grouper ( <i>Epinephelus coioides</i> ): characterization and regulation under pH and temperature stress. <b>2012</b> , 155, 447-55		5
508	The effect of fucoidan from brown seaweed <i>Sargassum wightii</i> on WSSV resistance and immune activity in shrimp <i>Penaeus monodon</i> (Fab). <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 32, 551-64	4-3	98

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506	Expression of candidate genes related to metabolism, immunity and cellular stress during massive mortality in the American oyster <i>Crassostrea virginica</i> larvae in relation to biochemical and physiological parameters. <b>2012</b> , 499, 70-5		16
505	A silkworm hemolymph protein is a prophenoloxidase activation blocker. <b>2012</b> , 02, 332-340		4
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502	Rondonin an antifungal peptide from spider ( <i>Acanthoscurria rondoniae</i> ) haemolymph. <b>2012</b> , 2, 66-71		44
501	Development of two haemocyte culture systems (in attachment and in suspension) for shrimp immunity studies. <i>Aquaculture</i> , <b>2012</b> , 366-367, 17-26	4-4	8
500	Phenoloxidase activity as an indicator of stress in the silver-lip pearl oyster, <i>Pinctada maxima</i> . <i>Aquaculture</i> , <b>2012</b> , 364-365, 224-229	4-4	11
499	Defense Means Against Pathogens and Parasites: Reactive Oxygen Species. <b>2012</b> , 47-60		2
498	Effects of division of labour on immunity in workers of the ant <i>Cataglyphis cursor</i> . <b>2012</b> , 59, 333-340		6
497	The respiratory burst activity and expression of catalase in white shrimp, <i>Litopenaeus vannamei</i> , during long-term exposure to pH stress. <b>2012</b> , 21, 1609-16		26
496	Glutathione peroxidase from the white shrimp <i>Litopenaeus vannamei</i> : characterization and its regulation upon pH and Cd exposure. <b>2012</b> , 21, 1585-92		16
495	Phenoloxidase: a key component of the insect immune system. <b>2012</b> , 142, 1-16		378
494	Detection of early effects of a single herbicide (diuron) and a mix of herbicides and pharmaceuticals (diuron, isoproturon, ibuprofen) on immunological parameters of Pacific oyster ( <i>Crassostrea gigas</i> ) spat. <b>2012</b> , 87, 1335-40		42
493	Expression and activity of glutathione S-transferases and catalase in the shrimp <i>Litopenaeus vannamei</i> inoculated with a toxic <i>Microcystis aeruginosa</i> strain. <b>2012</b> , 75, 54-61		38
492	Interplay between thermal and immune ecology: effect of environmental temperature on insect immune response and energetic costs after an immune challenge. <b>2012</b> , 58, 310-7		54
491	Prophenoloxidase activating enzyme-III from giant freshwater prawn <i>Macrobrachium rosenbergii</i> : characterization, expression and specific enzyme activity. <b>2012</b> , 39, 1377-86		25
490	Aquaculture and stress management: a review of probiotic intervention. <b>2013</b> , 97, 405-30		117

489	Prophenoloxidase-activating Enzyme. <b>2013</b> , 3068-3074		2
488	Effect of copper on the immunomodulatory activities of haemocytes in juveniles of the abalone <i>Haliotis rufescens</i> cultivated under hatchery conditions. <i>Aquaculture</i> , <b>2013</b> , 410-411, 72-78	4-4	8
487	Expressed Sequence Tags (ESTs) analysis of <i>Tenebrio molitor</i> larvae. <b>2013</b> , 43, 168-176		5
486	Spatial and temporal in vivo analysis of circulating and sessile immune cells in mosquitoes: hemocyte mitosis following infection. <b>2013</b> , 11, 55		102
485	Effects of phosphatidyl serine on immune response in the shrimp <i>Litopenaeus vannamei</i> . <b>2013</b> , 8, 1135-1144		9
484	Two antibacterial C-type lectins from crustacean, <i>Eriocheir sinensis</i> , stimulated cellular encapsulation in vitro. <b>2013</b> , 41, 544-52		40
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482	Survivability of <i>Penaeus monodon</i> during white spot syndrome virus infection and its correlation with immune related genes. <i>Aquaculture</i> , <b>2013</b> , 380-383, 84-90	4-4	10
481	In vivo therapeutic efficacy of recombinant <i>Penaeus monodon</i> antiviral protein (rPmAV) administered in three different forms to WSSV infected <i>Penaeus monodon</i> . <i>Aquaculture</i> , <b>2013</b> , 376-379, 64-67	4-4	10
480	Two threats at once: encounters with predator cues alter host life-history and morphological responses to parasite spores. <b>2013</b> , 715, 93-100		3
479	Comparison of effect of chitin, chitosan, chitosan oligosaccharide and N-acetyl-d-glucosamine on growth performance, antioxidant defenses and oxidative stress status of <i>Penaeus monodon</i> . <i>Aquaculture</i> , <b>2013</b> , 372-375, 1-8	4-4	62
478	Complex interactions of <i>Klebsiella pneumoniae</i> with the host immune system in a <i>Galleria mellonella</i> infection model. <b>2013</b> , 62, 1790-1798		46
477	A novel C-type lectin from crab <i>Eriocheir sinensis</i> functions as pattern recognition receptor enhancing cellular encapsulation. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 34, 832-42	4-3	69
476	RNA-Seq analysis reveals genes associated with resistance to Taura syndrome virus (TSV) in the Pacific white shrimp <i>Litopenaeus vannamei</i> . <b>2013</b> , 41, 523-33		53
475	A novel effect of imidazole derivative KK-42 on increasing survival of <i>Aeromonas hydrophila</i> challenged prawn <i>Macrobrachium nipponense</i> . <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 34, 167-72	4-3	4
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471	Molecular cloning and expression analysis of chymotrypsin-like serine protease from the redclaw crayfish ( <i>Cherax quadricarinatus</i> ): a possible role in the junior and adult innate immune systems. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 34, 1546-52	4-3	11
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469	Characterization of an immune deficiency homolog (IMD) in shrimp ( <i>Fenneropenaeus chinensis</i> ) and crayfish ( <i>Procambarus clarkii</i> ). <b>2013</b> , 41, 608-17		41
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465	A transcriptomic analysis of American lobster ( <i>Homarus americanus</i> ) immune response during infection with the bumper car parasite <i>Anophryoides haemophila</i> . <b>2013</b> , 40, 112-22		31
464	Shell colour polymorphism, injuries and immune defense in three helicid snail species, <i>Cepaea hortensis</i> , <i>Theba pisana</i> and <i>Cornu aspersum maximum</i> . <b>2013</b> , 3, 73-8		11
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460	Beta-glucan: an ideal immunostimulant in aquaculture (a review). <b>2013</b> , 39, 431-57		247
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456	Hemocyanin with phenoloxidase activity in the chitin matrix of the crayfish gastrolith. <b>2013</b> , 216, 1898-904		46
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