

เอกสารอ้างอิง

- กลุ่มบัณฑิตเกษตรอาสา. 2539. การเลี้ยงกุ้งทะเลแบบพัฒนา (กุ้งกุลาดำ). นครปฐม : มหาวิทยาลัยมหิดล.
- นเรศวร สุขเจริญ, อภิวัดน์ มุทิตางกูร และยง ภู่วรรณ. 2541. อดุษฐ์วิทยาทางการแพทย์. กรุงเทพฯ.
- ประจวบ หล้าอุบล. 2537. สรีรวิทยาของกุ้ง. กรุงเทพฯ : มหาวิทยาลัยเกษตรศาสตร์.
- ประทักษ์ ตาบทิพย์วรรณ. 2542. “ การเพาะเลี้ยงสัตว์น้ำทะเลสิ่งแวดล้อม ” , ในเอกสารประกอบการบรรยาย โครงการพัฒนาศักยภาพของผู้เลี้ยงสัตว์น้ำเพื่อลดต้นทุนและเพิ่มผลผลิต. หน้า 36 - 57. คณะประมง มหาวิทยาลัยเกษตรศาสตร์.
- มัลลิกา บุญนาค. 2542. สถิติเพื่อการตัดสินใจ. กรุงเทพฯ : ศูนย์หนังสือแห่งจุฬาลงกรณ์มหาวิทยาลัย.
- ยนต์ มุกสิก. 2542. “ คุณภาพน้ำกับการเพาะเลี้ยงสัตว์น้ำ ” , ในเอกสารประกอบการบรรยาย โครงการพัฒนาศักยภาพของผู้เลี้ยงสัตว์น้ำเพื่อลดต้นทุนและเพิ่มผลผลิต. หน้า 36 - 57. คณะประมง มหาวิทยาลัยเกษตรศาสตร์.
- วุฒิพร พรหมขุนทอง. 2541. โภชนศาสตร์สัตว์น้ำ. คณะทรัพยากรธรรมชาติ : มหาวิทยาลัยสงขลานครินทร์.
- สากล สุวลักษณ์. 2544. คู่มือปฏิบัติการ การเก็บและการเตรียมตัวอย่างขึ้นเนื้อเพื่อนำมาตรวจด้วยกล้องจุลทรรศน์อิเล็กตรอนแบบทรานสมิชชัน. หน่วยจุลทรรศน์อิเล็กตรอน : ภาควิชาพยาธิวิทยา คณะแพทยศาสตร์ มหาวิทยาลัยสงขลานครินทร์.
- สุภฎา ศิริรัฐนิคม, จรีพร เรืองศรี, ไมตรี วรรณเดช, อภิญญา ส่งประดิษฐ์, นเรศ ช้วนยุก, วีรพงษ์ เทพอักษร และกิจการ ศุภมาตย์ 2543. ปัจจัยแวดล้อมที่มีผลต่อการเจริญของไวรัสโอโรไวรัส (Vibrio harvei) ในน้ำทะเล. วารสารสงขลานครินทร์. ปีที่ 22 ฉบับพิเศษ : 697 – 705.
- Alcaraz, G., Chiappa-Carrara, X. and Vanegas, C. 1997. Temperature tolerance of *Penaeus setiferus* postlarvae exposed to ammonia and nitrite. Aquatic Toxicology. 39 : 345-353.
- AQUACOP. 1983. Constitution of broodstock, maturation, spawning and hatching system for penaeid shrimps in the Center Oceanologique du Pacifique. In CRC Handbook of Mariculture vol.1 Crustacean Aquaculture. pp.105-121. Mcvey , J. P. and Moore , J.R. (Eds). USA : Florida press.

- Bancroft, J. D. 1967. Histochemical Techniques. London : Butterworths.
- Belcher, C. R. and Yong, P. R. 1998. Colourimetric PCR-based detection of monodon baculovirus in whole *Penaeus monodon* postlarvae. Journal of Virological Methods. 74: 21-29.
- Biedenbach, J. M., Smith, L. L. and Lawrence, A. L., 1990. Use of a new spray-dried algal product in penaeid larviculture. Aquaculture. 86 : 249 -257.
- Bonami, J. R. 1997. The polyhedra of the occluded baculoviruses of marine decapod crustacea : a unique structure crystal organization and proposed model. Journal of Structure Biology. 120 : 134 -145.
- Boyd, C. E. 1990. Water Quality in Ponds for Aquaculture. Alabama : Birmingham publishing.
- Bray, W. A. , Lawrence, A. L. and Leung-Trujillo, J. R. 1994. The effect of salinity on growth and survival of *Penaeus vannamei* , with observations on the interaction of IHHN virus and salinity. Aquaculture. 122 : 133 – 146.
- Callan, C. , Jordan, A. and Kling, L. J. 2003. Reducing *Artemia* use in the culture of Atlantic cod (*Gadus morhua*). Aquaculture. 219 : 585 - 595.
- Cesar, E., Nadala, Jr. B. and Loh, P. C. 2000. Dot-blot nitrocellulose enzyme immunoassays for the detection of white-spot virus and yellow-head virus of penaeid shrimp. Journal of Virological Methods. 84 :175 -179.
- Chang, P.S., Wang, Y.C., Lo, C.F., Kou, G.H. and Chen, S.N. 1992. Purification and biochemical characteristics of occlusion body of *Penaeus monodon* - type baculovirus (MBV). Fish Pathology.27 (3) :127 -130.
- Chang, P. S., Lo, C. F., Kou, G. H., Lu, C.C. and Chen, S. H. 1993. Purification and amplification of DNA from *Penaeus monodon*-type baculovirus (MBV). Journal of Invertebrate Pathology.62:116-120.
- Chang, P. S. and Chen, S. N. 1994. Effect of *Penaeus monodon*-type baculovirus (MBV) on survival and growth of larval *Penaeus monodon* Fabricius. Aquaculture. 24 : 311 - 317.

- Charmantier, G., Charmantier-Daures, M., Bouaricha, N., Thuet, P., Eiken, D. E. and Trilles, J. P. 1988. Ontogeny of osmoregulation and salinity tolerance in two decapod crustaceans : *Hormarus americanus* and *Penaeus japonicus*. *Biology Bulletin*. 175 : 102 – 110.
- Chen, S. N., Chang, P. S., Kou, G. H. and Lightner, D. V. 1989. Studies on virogenesis and cytopathology of *Penaeus monodon* Baculovirus (MBV) in the giant tiger prawn (*Penaeus monodon*) and the red tail prawn (*Penaeus penicillatus*). *Fish Pathology*. 24 (2) : 89 -100.
- Chen, L. C. 1990. *Aquaculture in Taiwan*. Great Britain : The Alden press.
- Chen, S. N., Chang, P. S. and Kou, G. H. 1992. Infection route and eradication of *Penaeus monodon* baculovirus (MBV) in larval giant tiger prawns, *Penaeus monodon*. In *Diseases of Cultured Peneaid Shrimp in Asia and the United States*. pp.177-184. Fulks, W. and Main, K.L. (Eds.) Oceanic Institute Hawaii.
- Cheng, W. and Cheng, S. M. 2000. Effect of temperature, pH salinity and ammonia on immune parameters of the freshwater prawn *Macrobrachium rosenbergii*. *Fish and Shellfish Immunology*. 10 : 387 – 391.
- Cheng, W. and Cheng, S. M. 2002. Effects of environmental factors on the immune response of fresh water prawn *Macrobrachium rosenbergii* and other decapod crustaceans. *Journal of Fish Society Taiwan*. 29 : 1 - 19.
- Cheng, W., Chen, S. M., Wang, F. I., Hsu, P., Liu, C. H. and Chen, J. C. 2003. Effect of temperature, pH salinity and ammonia on the phagocytic activity and clearance efficiency of giant freshwater prawn *Macrobrachium rosenbergii* to *Lacctococcus garvieae*. *Aquaculture*. 219 :111-121.
- Chu, K. H. 1989. *Chaetoceros gracilis* as the exclusive feed for the larvae and postlarvae of the shrimp *Metapenaeus ensis*. *Aquaculture*. 83 : 281-287.
- Clifford, H. C. 1992. Marine shrimp pond management : a review. In *Proceedings of the Special Session on Shrimp Farming*. pp.110-137. Wyban, J. (ed.). Baton Rouge, USA : World Aquaculture Society.

- Coman, G. J., Crocos, P. J., Preston, N. P. and Fielder, D. 2002. The effects of temperature on the growth, survival and biomass of different families of juvenile *Penaeus japonicus* Bate. *Aquaculture*. 214 :185-199.
- Couch, J. A. 1974. An enzootic nuclear polyhedrosis virus of pink shrimp : ultrastructure prevalence and enhancement. *Journal of Invertebrate Pathology*. 24 : 311-331.
- Couch, J. A. 1981. Viral diseases of invertebrates other than insects. In *Pathogenesis of Invertebrate Diseases*. pp. 127 – 160. Davidson , E. W. (ed.). Allanheld : Osmum, N.J.
- Danis, M. T., Rebeiro, L. , Soares, F. and Sarasquete, C. 1999. A review on the cultivation potential of *Solea senegalensis* in Spain and Portugal. *Aquaculture*. 176 : 27 – 38.
- Dean, J. M. and Vernberg, F. J. 1966. Hypothermia and blood of crabs. *Comparative Biochemical Physiology* 17B : 19-22.
- Direkbusarakom, S. and Danayadol, Y. (1998) Effect of oxygen depletion on some parameters of the immune system in black tiger shrimp (*Penaeus monodon*). In *Advances in Shrimp Biotechnology*. pp. 147- 149. Flegel , T. W. (ed.) Bangkok: BIOTECH The National Center for Genetic Engineering and Biotechnology.
- Emmerson, W. D. 1980. Ingestion, growth and development of *Penaeus indicus* larvae as a function of *Thalassiora weissflogii* cell concentration. *Marine Biology*. 58 : 65-70.
- Faulkner, P. 1981. Baculovirus. In *Pathogenesis of Invertebrate Diseases*. pp. 3 – 37. Davidson , E. W. (ed.). Allanheld : Osmum, N.J.
- Fegan, D. F., Flegel, T. W., Sriurairatana, S. and Waiyakruttha, M. 1991. The occurrence, development and histopathology of monodon baculovirus in *Penaeus monodon* in southern Thailand. *Aquaculture*. 96 : 205 -217.
- Flegel, T. W., Fegan, D. F., Kongsom, S., Vuthikomudomkit, S., Sriurairatana, S., Boonyaratpalin, S., Chantanachookin, C., Vickers, J. and MacDonald, O. D. 1992. Occurrence, diagnosis and treatment of shrimp diseases in Thailand. In

- Diseases of Cultured Penaeid Shrimp in Asia and the United States. pp. 57-112.
 Fulks, W. and Main, K. (eds.). Hawaii : The Oceanic Institute.
- Fegan, D. F. 1992. Recently developments and issues in the penaeid shrimp hatchery industry. In Proceedings of the Special Session on Shrimp Farming. pp.55-70.
 Wyban , J. (ed.). Baton Rouge, USA : World Aquaculture Society.
- Flegel, T. W., Fegan, D. F. and Sriurairatana, S. 1995. Environmental control of infectious shrimp diseases in Thailand. In Diseases in Asian Aquaculture II, Fish Health Section, Asian Fisheries Society. pp. 65-79. Shariff, M. , Arthur, J. R. and Subasinghe , R. P. (eds.) Manila.
- Flegel, T. W., Boonyaratpalin, S. and Withyachumnankul, B. 1996. Current status of research on yellow-head virus and white-spot virus in Thailand. In World Aquaculture '96 Book of Abstracts. p. 126. Baton Rouge : World Aquaculture Society.
- Flegel, T. W. 1997. Special topic review: Major viral diseases of the black tiger prawn (*Penaeus monodon*) in Thailand. World Journal of Microbiology and Biotechnology 13 : 433-442
- Flegel, T. W., Sriurairatana, S., Morrison, D. J. and Waiyakrutha, N. 1997. *Penaeus monodon* captured broodstock surveyed for yellow-head virus and other pathogens by electron microscopy. In Shrimp Biotechnology in Thailand. pp. 37-43. Flegel, T. W., Menasveta, V. and Paisarnrat, S. (Eds.). Thailand : BIOTEC and NSTDA.
- Flegel, T. W., Thammavit, V., Pasharawipas, T. and Sanz, V. A. 1999. Statistical correlation between severity of hepatopancreatic parvovirus infection and stunting of farmed black tiger shrimp (*Penaeus monodon*). Aquaculture. 174 : 197 - 206.
- Fujinaga, M. 1967. Kuruma shrimp (*Penaeus japonicus*) cultivation in Japan, In Proc. World Scientific Conf. Biology Culture of Shrimps and Prawns, FAO Fisheries Report No.57, Vol.3.,p.811. Mistakidis,M.N.,ed. Mexico. (In abstract)

- Furusho, S., Umezaki, Y., Ishida, K. and Honda, A. 1988. Changes in the concentration of ATP-related compounds and lactic acid in muscle of live prawn *Penaeus japonicus* during storage in sawdust. *Nippon Suisan Gakkaishi*. 54 : 1209 – 1212.
- Gallagher, J. C. 1983. Cell enlargement in *Skeletonema costatum* (Bacillariophyceae). *Journal of Phycology* 19 : 539 - 542.
- Griffith, G. W., Murphy Kenslow, M. A. and Ross, L. A. 1973. A mass culture method for *Tetraselmis* sp., A promising food for larval crustaceans. *World Mariculture Society*. 4 : 289-293. (In abstract)
- Hapaz, S. and Karplus, L. 1991. Effect of salinity on growth and survival of juvenile *Penaeus semisulcatus* reared in the laboratory. *Journal of Aquaculture Bamidgheh*. 43 (3) : 156 – 163.
- Hauton, C., Hawkins, L. E. and Williams, J. A. 1997. In situ variability phenoloxidase activity in the shore crab, *Carcinus maenas* (L.). *Comparative Biochemistry and Physiology*. 117B (2) : 267 - 271.
- Hernandez-Lopez, J., Guzman-Murillo, M. A. and Vargas-Albores, F. 1995. Quantitation of pathogenic marine vibrio using membrane filter technique. *Journal of Microbiology Methods*. 21 : 143 – 149.
- Hirayama, K. and Ogawa, S. 1972. Fundamental studies on physiology of rotifer for its mass culture. I. Filter feeding of rotifer. *Bulletin of Japanese Society Science and Fisheries*. 38 : 1207-1212. (In abstract).
- Hsu, Y. L., Wang, K. H., Yang, Y. H., Tung, M. C., Hu, C. H., Lo, C. F., Wang, C. H. and Hsu, T. 2000. Diagnosis of *Penaeus monodon*-type baculovirus by PCR and by ELISA of occlusion bodies. *Diseases of Aquatic Organisms*. 40 : 93 - 99.
- Humason, G.L. 1972. *Animal Tissue Technique Third Edition*. Sanfrancisco : W.H. Freeman.
- Intriago, P. and Jones, D. A. 1993. Bacteria as food for *Artemia*. *Aquaculture*. 113 : 115 -127.

- Ishimaru, K., Akagawa-Matsushita, M. and Muroga, K. 1995. *Vibrio penaeicida* sp.nov., a pathogen of kuruma prawns (*Penaeus japonicus*). International Journal of Systematic Bacteriology. 45 : 134 -138.
- Kalagayan, G., Godin, D., Kanna, R., Hagino, G., Sweeney, J., Wyban, J. and Brock, J. 1991. IHHN virus as an etiological factor in runt deformity syndrome of juvenile *Penaeus vannamei* cultured in Hawaii. Journal of World Aquaculture Society. 22 : 235 - 243.
- Kautsky, N., Ronnback, P. and Tedengren, M. 2000. Ecosystem perspectives on management of disease in shrimp pond farming. Aquaculture. 191 : 145 – 161.
- Kim, J., Masee, K.C. and Hardy, R. 1996. Adult artemia as food for first feeding coho salmon (*Oncorhynchus kisutch*). Aquaculture. 144 : 217 - 226.
- Kolkovski, S., Koven, W. and Tandler, A. 1997. The mode of action of artemia in enhancing utilization of microdiet by gilthead seabream *Sparus aurata* larvae. Aquaculture. 155 : 193 – 203.
- Kumulu, M. and Jones, D.A. 1995. Salinity tolerance of hatchery-reared postlarvae of *Penaeus indicus* H. Milne Edwards originating from India. Aquaculture. 130 : 287 – 296.
- Kurmaly, K., Jones, D. A., Yule, A. B. and East, J. 1989. Comparative analysis of the growth and survival of *Penaeus monodon* (Fabricius) larvae, from protozoa 1 to postlarva 1, on live feeds, artificial diets and on combination of both, Aquaculture, 81 : 27-45.
- Lavens, P. and Sorgeloos, P. 2000. The history , present status and prospects of the availability of Artemia cysts for aquaculture. Aquaculture. 181 : 397 – 403.
- Leblanc, B. D. and Overstreet, R. M. 1990. Prevalence of *Baculovirus penaei* in experimentally infected white shrimp (*Penaeus vannamei*) relative to age. Aquaculture. 87 : 237 – 242.
- Leger, P., Bengtson, D. A., Simpson, K. L. and Sorgeloos, P. 1986. The use and nutritional value of *Artemia* as a food source. Ocenography and Marine Biology. 24 : 521-623.

- Lellis, W. A. 1992. A standard reference diet for crustacean nutrition research : 6. Response of postlarval stages of the Caribbean king crab *Mithrax sponosissimus* and the spiny lobster *Panulirus argus*. Journal of World Aquaculture Society. 23 : 1 – 7.
- Liao, I. C. 1988. Larva rearing : penaeid prawns. In Seed Production of Decapod Crustacean. pp. 92 – 118. Hirano , R. (ed.). Tokyo : Koseisha- Koseikaku. (In abstract)
- Liao, I. C., Kumeno, F., Iida, Z. and Kobayashi, T. 1988. The application of artificial plankton B.P. in *Penaeus monodon* larval production, 19 th Annu. Meet. World Aquaculture Society. (In abstract)
- Liao, I. C., Kanazawa, A., Su, M. S., Liu, K. F. and Kai, H. 1990. Studies on artificial microboundiets (MB) for larval grass prawn, *Penaeus monodon*, In the Second Asian Fisheries Forum. 337-340 pp. Hirano,R. and Hanyu,I. Eds. Manila,Philippines : Asian Fisheries Society.
- Lightner, D. V. and Redman, R. M. 1981. A baculovirus-caused disease of the penaeid shrimp, *Penaeus monodon*. Journal of Invertebrate Pathology. 38 : 299 - 302.
- Lightner, D. V., Redman, R. M. and Bell, T. A. 1983. Observations on the geographic distribution, pathogenesis and morphology of the baculovirus from *Penaeus monodon* Fabricius. Aquaculture. 32 : 209 - 233.
- Lightner, D. V. and Redman, R. M. 1985. A parvo-like virus disease of penaeid shrimp. Journal of Invertebrate Pathology. 45 : 47 - 53.
- Lightner, D. V., Hedrick, R. P., Fryer, J. L., Chen, S. N., Liao, I. C. and Kou, G. H. 1987. A survey of cultured penaeid shrimp in Taiwan for viral and other important diseases. Fish Pathology. 22 : 127 – 140.
- Lightner, D. V., Bell, T. A., Redman, R. M., Mohny, L. L., Natividad, J. M., Rukyani, A. and Poernomo, A. 1992. A review of some major diseases of economic significance in penaeid prawns / shrimps of the Americas and Indo-Pacific. In Proceedings 1 st Symposium on Disease in Asian Aquaculture. Shariff, M.,

- Subasinghe , R. and Arthur , J. R. (eds.). Fish Health Section , Asian Fisheries Society, Manila, Philippines. 57 : 8.
- Lightner, D. V., Redman, R. M., Moore, D. W. and Park, M. A. 1993. Development and application of a simple and rapid diagnostic method to studies on hepatopancretic parvovirus of penaeid shrimp. *Aquaculture*. 116 : 15 - 23.
- Lightner, D. V. 1996. A handbook of shrimp pathology and diagnostic procedures for disease of cultured penaeid shrimp. Baton Rouge , Louisiana, USA.: World Aquaculture Society.
- Lin, C. K. and Nash, G. L. (compilers) 1996. Asian News Collected Volume, 1989-1995. Bangkok, Thailand : Asian Shrimp Culture Council.
- Lu, C. C., Tang, K. F. J., Kou, G. H. and Chen, S. N. 1993. Development of a *Penaeus monodon*-type baculovirus (MBV) DNA probe by polymerase chain reaction and sequence analysis. *Journal of Fish Diseases*. 16 : 551 - 559.
- Lu, C. C., Tang, K. F. J., Kou, G. H. and Chen, S. N. 1995. Detection of a *Penaeus monodon*-type baculovirus (MBV) infection in *Penaeus monodon* Fabricius by in situ hybridization. *Journal of Fish Diseases*. 18 : 337 - 345.
- Lu, C. C., Tang, K. F. J. and Chen, S. N. 1996. Morphogenesis of the membranous labyrinth in penaeid shrimp cells infected with *Penaeus monodon* baculovirus (MBV). *Journal of Fish Diseases*. 19 : 357 - 364.
- Lubzens, E. 1987. Raising rotifers for use in aquaculture. *Hydrobiologia*. 147 : 245 - 255.
- Lubzens, E., Tandler, A. and Minkoff, G. 1989. Rotifers as food in aquaculture. *Hydrobiologia* 186 -187 : 387-400.
- Mari, J. , Lightner, D. V. , Poulos, B. T. and Bonami, J. R. 1995. Partial cloning of the genome of an unusual shrimp parvovirus (HPV) : use of gene probes in disease diagnosis. *Diseases of Aquatic Organisms*. 22 : 129 - 134.
- Matsue, Y. 1954. Culture of marine diatom " *Skeletonema costatum* (Grev.) Cleve ", In *Suisangaku no Gai Kan*, p.1. Tokyo : Japan Society of Fisheries. (In abstract).

- McLusky, D. S. and Hagerman, L. 1987. The toxicity of chromium, nickel and zinc : effects of salinity and temperature, and the osmoregulatory consequences in the mysid *Praunas flexuosus*. *Aquatic Toxicology*. 10 : 225 - 238.
- Mcvey, J. C. 1993. CRC Handbook of Mariculture 2nd edition vol.1 Crustacean Aquaculture. Boca Raton : CRC press
- Menasveta, P., Sangpradub, S. and Piyatiratitivorakul, S. 1994. Effect of broodstock size and source on ovarian maturation and spawning of *Penaeus monodon* Fabricius from the gulf of Thailand. *Journal of the World Aquaculture Society*. 25 (1) : 41 - 49.
- Millikin, M. R., Biddle, G. N., Siewicki, T.C., Forner, A. R. and Fair, P. H. 1980. Effect of various level of dietary protein on survival, molting frequency and growth of juvenile blue crabs (*Callinectes sapidus*). *Aquaculture*. 19 : 149 – 161.
- Momoyama, K. and Sano, T. 1989. Developmental stages of kuruma shrimp, *Penaeus japonicus* Bate, susceptibility to baculoviral mid-gut gland necrosis (BMN) virus. *Journal of Fish Disease*. 12 : 585 – 589.
- Moullac, G. L., Soyeux, C., Saulnier, D., Ansquer, D., Averre, J. C. and Levy, P. 1998. Effect of hypoxic stresses on the immune response and the resistance to vibriosis of the shrimp *Penaeus stylirostris*. *Fish Shellfish Immunology*. 8 : 621 -629.
- Moullac, G. L. and Haffner, P. 2000. Environmental factors affecting immune responses in Crustacea. *Aquaculture*. 191 : 121-131.
- Nunes, A. J. P., Goddard, S. and Gesteira, T. C. V. 1996. Feeding activity patterns of the Southern brown shrimp *Penaeus subtilis* under semi-intensive culture in NE Brazil. *Aquaculture*. 144 : 371 – 386.
- Nunes, A. J. P. and Parsons, G. J. 2000. Size-related feeding and gastric evacuation measurements for the Southern brown shrimp *Penaeus subtilis*. *Aquaculture*. 187 : 133 – 151.
- Orozco-Medina, C., Maeda-Martinez, A. M. and Lopez-Cortes, A. 2002. Effect of aerobic Gram-positive heterotrophic bacteria associated with *Artemia franciscana* cysts on the survival and development of its larvae. *Aquaculture*. 213 : 15-29.

- Pantoja, C. R. and Lightner, D. V. 2000. A non-destructive method based on the polymerase chain reaction for detection of hepatopancreatic parvovirus (HPV) of penaeid shrimp. *Diseases of Aquatic Organisms*. 39 : 177 - 182.
- Pantoja, C. R. and Lightner, D. V. 2001. Detection of hepatopancreatic parvovirus (HPV) of penaeid shrimp by *in situ* hybridization at the ultrastructural level. *Diseases of Aquatic Organisms*. 44 : 87 - 96.
- Paynter, J.L., Lightner, D.V. and Lester, R.J.G. 1985. Prawn virus from juvenile *Penaeus esculentus*. In Second Australian National Prawn Seminar NPS2. pp. 61-64. P.C. Rothlisberg, B.J. Hill and D.J. Staples (eds.). Cleveland, Queensland.
- Phromjai, J., Sukhumsirichart, W., Pantoja, C., Lightner, D. V. and Flegel, T. W. 2001. Different reactions obtained using the same DNA detection reagents for Thai and Korean hepatopancreatic parvovirus of penaeid shrimp. *Diseases of Aquatic Organisms*. 46 : 153 - 158.
- Phromjai, J., Boonsaeng, V., Withyachumnarnkul, B. and Flegel, T. W. 2002. Detection of hepatopancreatic parvovirus in Thai shrimp *Penaeus monodon* by *in situ* hybridization, dot blot hybridization and PCR amplification. *Diseases of Aquatic Organisms*. 51 : 227 - 232.
- Prayitno, S. B. and Latchford, J. W. 1995. Experimental infections of crustaceans with luminous related to *Photobacterium* and *Vibrio*. Effect of salinity and pH on infectiosity. *Aquaculture*. 132 : 105 – 112.
- Ramasamy, P., Brennan, G. P. and Jayakumar, R. 1995. A record and prevalence of *Monodon baculovirus* from postlarval *Penaeus monodon* in madras, India. *Aquaculture*. 130 : 129 - 135.
- Ramasamy, P., Rajan, P.R., Purushothaman, V. and Brennan, G. P. 2000. Ultrastructure and pathogenesis of *Monodon baculovirus* (Pm SNPV) in cultured larvae and natural brooders of *Penaeus monodon*. *Aquaculture*. 184 : 45 – 66.
- Roubal, F.R., Paynter, J.L. and Lester, R.J.G. 1989. Electron microscopic observation of hepatopancreatic parvo-like virus (HPV) in the penaeid prawn, *Penaeus merguensis* de Man from Australia. *Journal of Fish Diseases*. 12 : 199 - 201.

- Robinson, D. G., Ehlers, U., Herken, R., Herrmann, B. , Mayer, F. and Schurmann, F.W. 1987. Methods of Preparation for Electron Microscopy. Heidelberg : Springer-Verlag.
- Samocha, T. M. and Lawrence, A. L. 1992. Shrimp nursery system and management. In Proceedings of the Special Session on Shrimp Farming. pp.87-105. Wyban , J. (ed.). Baton Rouge, USA : World Aquaculture Society.
- Samocha, T. M., Lawrence, A. L. and Bray, W.A. 1993. Design and operation of an intensive nursery raceway system for penaeid shrimp. In CRC Handbook of Mariculture, vol. 1. Crustacean Aquaculture. pp 173 - 210. Mcvey , J. P. (ed.). Boca Raton, Florida, USA : CRC press.
- Samocha, T. M., Guajardo, H., Lawrence, A. L., Castille, F. L., Speed, M., McKee, D. A. and Page, K. I. 1998. A simple stress test for *Penaeus vannamei* postlarvae. Aquaculture. 165 : 233 - 242.
- Saoud, I. P., David, D.A. and Rouse, D. B. 2003. Suitability studies of inland well waters for *Litopenaeus vannamei* culture. Aquaculture. 217 : 373 – 383.
- Shigueno, K. 1976. Advance in the prawn culture (*Penaeus japonicus* Bate), In FAO Suisan Zoshoku Kokusai Kaigi Ronbun Shu. p.8. Tokyo : Suisan Cho. (In abstract).
- Simon, C. M. 1978. The culture of the diatom *Chaetoceros gracilis* and its use as a food for penaeis protozoa larvae. Aquaculture. 14 : 105 -113.
- Soundarapandian , P. , Kannupandi , T. Samuel , M. J. 1998. Effects of feeds on digestive enzymes of juveniles of *Macrobrachium malcolmsonii*. Indian Journal of Experimental Marine Biology. 36: 720 – 723. (In abstract)
- Spann, K. M., Adlard, R. D., Hudson, D. A. , Pyecroft , S. B. , Jones, T. C. and Voigt, M. O. C. 1997. Hepatopancreatic parvo-like virus (HPV) of *Penaeus japonicus* cultured in Australia. Diseases of Aquatic Organisms. 31 : 239 - 241.
- Sorgeloos, P. 1980. The use of brine shrimp artemia in aquaculture, In Brine Shrimp Artemia, Vol. 3, pp. 25 – 46. Persoone, G., Sorgeloos, P., Roels, O. and Jaspers, E. eds. Wetteren, Belgium : Universa press.

- Sorgeloos, P. 2001. Use of brine shrimp, *Artemia* spp., in marine fish larviculture. *Aquaculture*. 200 : 147-159.
- Stottrup, J. G. and Norsker, N. H. 1997. Production and use of copepods in marine fish larviculture. *Aquaculture*. 155 : 231-247.
- Sukhumsirichart, W., Wongteerasupaya, C., Boonsaeng, V., Panyim, S. , Sriurairatana, S., Withyachumnarnkul, B. and Flegel, T. W. 1998. Genome organization and detection of hepatopancreatic parvovirus (HPV) from *Penaeus monodon* in Thailand. In *Advances in Shrimp Biotechnology, Proceedings to the Special Session on Shrimp Biotechnology 5th Asian Fisheries Forum* Chiangmai, Thailand 11-14 November 1998. p. 261. Flegel, T.W. (ed.) Bangkok,Thailand : Department of Biotechnology, Faculty of Science, Mahidol University,..
- Sukhumsirichart, W. , Wongteerasupaya, C., Boonsaeng, V., Panyim, S., Sriurairatana, C., Withyachumnarnkul, B. and Flegel, T. W. 1999. Characterization and PCR detection of hepatopancreatic parvovirus (HPV) from *Penaeus monodon* in Thailand. *Diseases of Aquatic Organisms*. 38 :1 -10.
- Takahashi, Y., Itami, T., Maeda, M., Suzuki, N., Kasornchandra, J., Supamattaya, K., Khongpradit, R., Boonyaratpalin, S., Kondo, M., Kawai, K., Kusuda, R., Hirono, I. and Aoki, T. 1996. Polymerase chain reaction (PCR) amplification of bacilliform virus (RV-PJ) DNA in *Penaeus japonicus* Bate and systemic ectodermal and mesodermal baculovirus (SEMBV) DNA in *Penaeus monodon* Fabricius. *Journal of Fish Diseases*. 19 : 399 - 403.
- Ueda, R., Sugita, H. and Deguchi, Y. 1999. Effect of transportation on the serum bactericidal activity of *Penaeus japonicus* and *Ovalipes punctatus*. *Aquaculture*. 171 : 221 – 225.
- Vargas-Albores, F., Hinojosa-Baltazar, P., Portillo-Clark, G. and Magallon- Barajas, F. 1998. Influent of temperature and salinity on the yellowleg shrimp, *Penaeus californiensis* Holmes, prophenoloxidase system. *Aquaculture Research*. 2 : 549 - 553.

- Vickers, J. E., Paynter, J. L., Spradbrow, P. B. and Lester, R. J. G. 1993. An impression smear method for rapid detection of *Penaeus monodon*-type baculovirus (MBV) in Australian prawns. 16 : 507 - 511.
- Vickers, J. E., Webb, R. and Young, P. R. 2000. Monodon baculovirus from Australia : ultrastructural observations. Diseases of Aquatic Organisms. 39 :169 - 176.
- Villarreal, H., Hernandez-Llamas, A. and Hewitt, R. 2003. Effect of salinity on growth, survival and oxygen consumption of juvenile brown shrimp, *Farfantepenaeus californiensis* (Holmes). Aquaculture Research. 34 : 187 - 193.
- Vogt, G., Quintio, E. T. and Pascual, F. P. 1986. *Leucaena leucocephala* leaves in formulated feed for *Penaeus monodon* : a concrete example of histology in nutrition research. Aquaculture. 59 : 209 – 234.
- Vogt, G. 1992. Transformation of anterior midgut and hepatopancreas cells by monodon baculovirus (MBV) in *Penaeus monodon* postlarvae. Aquaculture.107: 239 - 248.
- Wickins, J. F. 1972. The food value of brine shrimp, *Artemia salina* L. , to larvae of the prawn, *Palaemon serratus* Pennant. Journal of Experimental Marine Biology and Ecology. 10 (2) : 151 – 170.
- Wu, J. L., Namikoshi, A., Nishizawa, T., Mushiake, K., Teruya, K. and Muraga, K. 2001. Effects of shrimp density on transmission of penaeid acute viremia in *Penaeus japonicus* by cannibalism and water borne route. Disease of Aquatic Organisms. 47 : 129 – 135.
- WWW.ARTEMIA-INTERNUTRITIONAL.COM/ TECH.HTML
- WWW.FISH-FOUNDATION.ORG.UK/ DIETARY_SOURCES.HTML
- WWW.FOODMARKETEXCHANGE.COM
- Zou, E., Du, N. and Lai, W. 1996. The effect of severe hypoxia on lactate and glucose concentrations in the blood of the chinese freshwater crab *Eriocheir sinensis* (crustacea : decapoda). Comparative Biochemisty and Physiology. 114A (2) : 105 – 109.