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Can Tho University · Department of Coastal Aquaculture
PhD

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Effects of rotifer densities on larval performance of spotted scat (Scatophagus argus)

Article Full-text available

Jul 2021

Le Quoc Viet · Duong Thi My Han · Khoa Duy Tran Nguyen · [...] · Tran Ngoc Hai

This study is aimed to determine the optimal rotifer feeding density for lar-viculture of spotted scat fish (Scatophagus argus). The experiment was randomly set up in triplicate with 5 treatments including 5, 10, 15, 20 and 25 rotifers/mL. The fish larvae with the initial body length and depth at $2,343 \pm 110 \mu\text{m}$ and $812 \pm 85\mu\text{m}$, respectively, were st...

View

Influence of salinity on nursery-phase whiteleg shrimp (Litopenaeus vannamei) reared in a biofloc system

Article

May 2021

Hoa Nguyen Van · Chau Tai Tao · Takeshi Terahara · Tran Ngoc Hai

This study aimed to determine the effect of salinity on the survival rate and growth of whiteleg shrimp postlarvae reared using biofloc technology. The experiment included four treatments at different salinities: 10‰, 15‰, 20‰, and 25‰.

Each treatment consisted of three replicates. Shrimps were

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Effects of carbohydrate addition methods on Pacific white shrimp (*Litopenaeus vannamei*)

[Article](#)

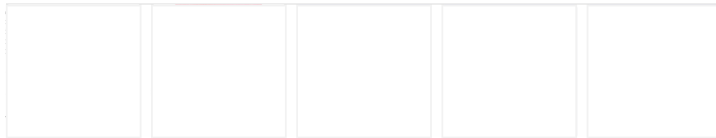
[Full-text available](#)

May 2021

 Tran Huu Tinh ·  Taofik Adeiza Momoh ·  Fotini Kokou · [...] ·  Marc C.J. Verdegem

The addition of external carbohydrate in Pacific white shrimp (*Litopenaeus vannamei*) culture has shown positive effects on water quality and shrimp performance. However, this practice requires additional skills and labor, and therefore may not be widely adopted. This research investigated the potential to combine the carbon source and the feed in o...

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Polyculture culture of black tiger shrimp *Penaeus monodon* and red seaweed *Gracilaria tenuistipitata* under different densities: effects on water quality, post-larvae performance and their resistance against *Vibrio parahaemolyticus*

[Article](#)

[Full-text available](#)

Dec 2020

 Ngoc Anh Thi Nguyen ·  Nguyen Hoang Vinh ·  Bui Nguyen Thu An · [...] ·  Tran Ngoc Hai

The integration of seaweeds (extractive, low-footprint species) into aquaculture systems has been considered an alternative approach for the sustainable development of the shrimp industry, which aims to expand in an environmentally friendly way. Two consecutive experiments were conducted to evaluate the effects of integrating various densities of b...

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Effects of carbohydrate addition frequencies on biofloc culture of Pacific white shrimp (*Litopenaeus vannamei*)

[Article](#)

Dec 2020

 Tran Huu Tinh ·  Tran Ngoc Hai ·  Johan A.J. Verreth ·  Marc C.J. Verdegem

In Pacific white shrimp culture, adding organic carbohydrate to the pond besides feed improves water quality and shrimp performance. While the feeding frequency has significant effects on shrimp production, how often carbohydrate should be added remains unknown. This research investigated the

effects of carbohydrate addition frequency of 1, 3, and...

[View](#)

Effects of dietary egg yolk antibody powder on the immune response and disease resistance of whiteleg shrimp (*Penaeus vannamei*)

Article

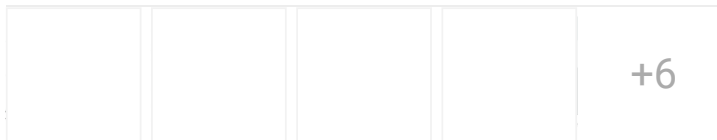
Full-text available

Nov 2020

 Hoa TT Tran ·  Tran Ngoc Hai ·  Le Quoc Viet · [...] ·  Khoa Duy Tran Nguyen

The study was carried out to evaluate the effect of IgY egg yolk powders (IgY) in the resistance to *Vibrio parahaemolyticus*, causative agent of acute hepatopancreatic necrosis disease of whiteleg shrimp (*Penaeus vannamei*). Immune parameters and survival rate of shrimp were evaluated after being challenge. The experiment consisted of four treatments...

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Effects of carbohydrate sources on a biofloc nursery system for whiteleg shrimp (*Litopenaeus vannamei*)

Article

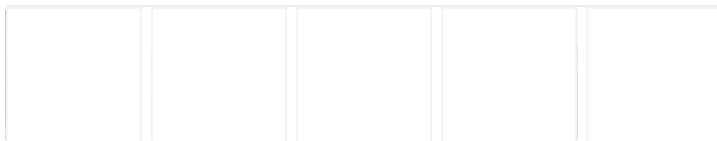
Full-text available

Aug 2020

 Tran Huu Tinh ·  Tom Koppenol ·  Tran Ngoc Hai · [...] ·  Marc C.J. Verdegem

In biofloc technology carbohydrate is added to stimulate the biofloc growth, the latter helps to improve water quality, reduce the need for water exchange and may serve as natural shrimp feed. The large diversity among possible carbohydrate sources makes the selection of a suitable carbohydrate difficult. This study investigated how corn starch add...

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Promoting Coastal Aquaculture for Adaptation to Climate Change and Saltwater Intrusion in the Mekong Delta, Vietnam

Article

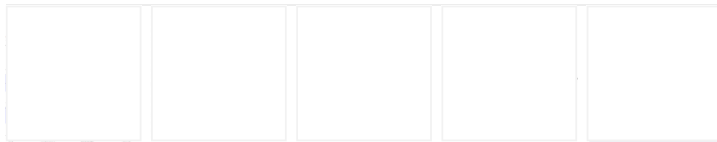
Full-text available

Jun 2020

 Tran Ngoc Hai ·  Nguyen Thanh Phuong ·  Hoa Nguyen Van · [...] ·  Ngo Thi Thu Thao

World aquaculture has reached total production of more than 82 million tons, and Vietnam stands as the fourth largest aquaculture producer in the world with a total production of 4.124 million tons (FAO 2020). Aquaculture is increasingly

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The use of machine learning to predict acute hepatopancreatic necrosis disease (AHPND) in shrimp farmed on the east coast of the Mekong Delta of Vietnam

[Article](#)[Full-text available](#)

May 2020

 Nguyen Minh Khiem ·  Yuki Takahashi ·  Dang Thi Hoang Oanh · [...] ·  Nobuo Kimura

Predicting the outbreak of disease is essential when managing shrimp farms. Acute hepatopancreatic necrosis disease (AHPND) caused by *Vibrio parahaemolyticus* is a serious disease in shrimp. It is essential that shrimp farmers on the east coast of the Mekong Delta detect the disease as early as possible, because the mortality rate can reach 100%. He...

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ƯƠNG GIỐNG CUA BIỂN (*Scylla paramamosain*) VỚI CÁC LOẠI THỨC ĂN VÀ MẬT ĐỘ KHÁC NHAU

[Article](#)

May 2020

 Le Quoc Viet ·  Tran Ngoc Hai

This study aims to determine the appropriate feed type and stocking density to improve the survival rate and growth performance of mud crab crablet during the nursery stage. The study consisted of 2 experiments as follows: (1) Rearing crablets with different feed types (including commercial feed, artemia biomass and acetes biomass) and (2) rearing...

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Morphological characteristics of largescale tonguesole (*Cynoglossus arel*) in Kien Giang sea

[Article](#)

Apr 2020

 Lý Văn Khánh ·  Hồ Huỳnh Hoa ·  Ngo Thi Thu Thao · [...] ·  Tran Ngoc Hai

The study investigated morphology of largescale tonguesole (*Cynoglossus arel*) in Kien Giang sea from September 2017 to August 2018. Samples after were collected and washed, put in ice box storage tanks and transferred to the laboratory at College of aquaculture & fisheries, Can Tho University. Results show that *Cynoglossus arel* is long, flat on bot...

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Reproductive biology and spawning season of sand lobster (*Thenus orientalis*) distributed at Nam Du island, Kien Giang province

[Article](#)[Full-text available](#)

Apr 2020

 Ngo Thi Thu Thao ·  Lý Văn Khánh ·  Khoa Duy Tran Nguyen · [...] ·  Tran Ngoc Hai

Sand lobster (*Thenus orientalis*) is one of the lobster species with high commercial values and important seafood product

with high commercial values and important seafood product for exporting to the international markets. Specimens were collected monthly from October 2017 to September 2018 at Nam Du island, Kien Giang province to investigate the gonadal development and spawning season. A total of 249 san...

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Reproductive characteristics of largescale tonguesole (*Cynoglossus arel*) in Kien Giang sea area

[Article](#)

Apr 2020

 Lý Văn Khánh ·  Hồ Huỳnh Hoa ·  Khoa Duy Tran Nguyen · [...] ·  Trần Đức Định

Study on the reproductive biology of largescale tonguesole (*Cynoglossus arel*) was conducted for one-year round from September 2017 to August 2018. Fishes were collected once a month in Kien Giang sea area, total of 780 fishes were collected during study period. The samples were washed with fresh water, then were refrigerated and transferred to the...

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Effects of carbon sources on nursing white-leg shrimp (*Litopenaeus vannamei*) larvae applying biofloc technology

[Article](#)

Apr 2020

 Chau Tai Tao ·  Khoa Duy Tran Nguyen ·  Hoa Nguyen Van ·  Trần Ngọc Hải

The aim of this study was to identify suitable carbon sources for the growth and survival of larvae of white-leg shrimp nursed in tanks with biofloc technology. The experiment was conducted with five treatments: (i) no carbon supplement (control), (ii) carbon supplement from wheat flour, (iii) carbon supplement from rice bran, (iv) carbon supplement...

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Effects of stocking densities on growth and survival rates of spotted scat (*Scatophagus argus*) fingerling reared in earthen ponds

[Article](#)

Apr 2020

 Lê Quốc Việt ·  Lý Văn Khánh ·  Thông Lê-Van · [...] ·  Trần Ngọc Hải

A study on rearing spotted scat (*Scatophagus argus*) in earthen ponds at different stocking densities was aimed to determine appropriate stocking densities for growth performance and survival from fry to fingerling stages. The experiment was randomly designed in duplicate with three stocking densities including 10, 20 and 30 ind/m². Each earthen pond

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Super-intensive culture of white leg shrimp (*Litopenaeus vannamei*) in outdoor biofloc systems with different sunlight exposure levels: Emphasis on commercial applications

[Article](#)

Apr 2020

Mar 2020

 Khoa Duy Tran Nguyen ·  Tran Ngoc Hai ·  Chau Tai Tao ·  Lý Văn Khánh

Light is an important environmental factor for aquatic organisms. In biofloc systems, light intensity and photoperiod length might also affect the performance and biomass of culture animals as well as the microbial communities. This study aimed to evaluate the impacts of light intensity on the nitrogen removal process, microbial communities and Lit...

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Nursery of the Black Tiger Shrimp *Penaeus Monodon* Postlarvae in a Biofloc System with Different Carbon Sources

[Article](#)

Feb 2020

 Tran Ngoc Hai

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Hiện trạng kỹ thuật nghề nuôi cá chim vây vàng trong lồng biển tại tỉnh Ninh Thuận và Khánh Hòa

[Article](#)

Jan 2020

 Lý Văn Khánh ·  Võ Nam Sơn ·  Tran Ngoc Hai

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Chu kỳ sinh sản của bào ngư bầu dục (*Haliotis ovina* Gmelin, 1791) phân bố tại đảo Nam Du, tỉnh Kiên Giang

[Article](#)

Jan 2020

 Ngo Thi Thu Thao ·  Lê Quang Nhã ·  Lý Văn Khánh · [...] ·  Trần Đức Định

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So sánh nuôi đơn và nuôi kết hợp tôm sú (*Penaeus monodon*) - rong câu chỉ (*Gracilaria tenuistipitata*) trong đăng lưới với các mật độ khác nhau ở điều kiện không cho ăn

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Jan 2020

 Ngoc Anh Thi Nguyen ·  Nguyễn Hoàng Vinh ·  Đặng Trung Đoàn · [...] ·  Lam My Lan

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Ảnh hưởng của việc sử dụng thức ăn bổ sung ương giống tôm càng xanh (*Macrobrachium rosenbergii*) trong ruộng lúa ở huyện Thới Bình tỉnh Cà Mau

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Jan 2020

 Võ Hoàng Liêm Đức Tâm ·  Lam My Lan ·  Dương Nhựt Long · [...] ·  Tran Ngoc Hai

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Khảo sát hiện trạng khai thác các loài bào ngư (*Haliotis*) tại quần đảo Nam Du, tỉnh Kiên Giang

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Jan 2020

 Ngo Thi Thu Thao ·  Lê Quang Nhã ·  Huỳnh Văn Rạng · [...] ·  Trần Đắc Định

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Ảnh hưởng của thức ăn khác nhau lên tăng trưởng và tỷ lệ sống của cá chim vây vàng (*Trachinotus blochii*)

[Article](#)

Jan 2020

 Lý Văn Khánh ·  Cao Mỹ Ấn ·  Tran Ngoc Hai

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Nghiên cứu khả năng hấp thụ đạm (N) và lân (P) trong nước thải từ nuôi tôm sú thâm canh của rong câu chỉ (*Gracilaria tenuistipitata*) ở các mật độ và chế độ sục khí khác nhau

[Article](#)[Full-text available](#)

Jan 2020

 Nguyễn Hoàng Vinh ·  Ngoc Anh Thi Nguyen ·  Tran Ngoc Hai

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Ảnh hưởng của độ mặn lên tăng trưởng và tỷ lệ sống của ương giống tôm sú (*Penaeus monodon*) theo công nghệ biofloc

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Jan 2020

 Chau Tai Tao ·  Tran Ngoc Hai ·  Nguyen Phu Son · [...] ·  Cao Mỹ Ấn

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Ảnh hưởng của bổ sung probiotic trong ương ấu trùng tôm chân trắng (*Litopenaeus vannamei* Boone, 1931) theo công nghệ biofloc

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Jan 2020

 Hoa Nguyen Van ·  Chau Tai Tao ·  Tran Ngoc Hai

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Ảnh hưởng của chất chiết thảo dược lên tăng trưởng, miễn dịch không đặc hiệu và khả năng kháng bệnh của tôm thẻ chân trắng (*Penaeus vannamei*) với *Vibrio parahaemolyticus*

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Jan 2020

 Huyen MONG Hong ·  Tran Ngoc Hai ·  Hoa TT Tran ·  Lê Quang Việt

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Chu kỳ sinh sản của điệp (giống *Chlamys*, họ *Pectinidae*) phân bố tại đảo Nam Du, tỉnh Kiên Giang

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Jan 2020

 Ngo Thi Thu Thao ·  Trần Đắc Định ·  Tran Ngoc Hai · [...] ·  Lê Quang Nhã

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Seasonal changes of environmental conditions and

reproductive cycle of mud clam *Geloina* sp. originated from U Minh Thuong, Kien Giang province, Vietnam (Biến động các yếu tố môi trường và chu kỳ sinh sản của vẹm nước lợ *Geloina* sp. phân bố tại U Minh Thượng, tỉnh Kiên Giang)

Article [Full-text available](#)

Dec 2019

 Ngo Thi Thu Thao ·  Nha Quang ·  Dang Thai Duy · [...] ·  Tran Ngoc Hai

This study investigated seasonal changes of environmental conditions and gonad development of the mud clam, *Geloina* sp. originated from U Minh Thuong district, Kien Giang province, the Mekong Delta of Vietnam. Specimens were collected with a number of 30 clams per month in 12 months continuously for histological technique to investigate the gonad d...

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Growth performance and production of oyster *Crassostrea belcheri* from different seed sources in extensive shrimp pond at Ca Mau province, Vietnam (Sinh trưởng và năng suất của hàu *Crassostrea belcheri* có nguồn gốc khác nhau được nuôi trong ao tôm quảng canh tại tỉnh Cà Mau)

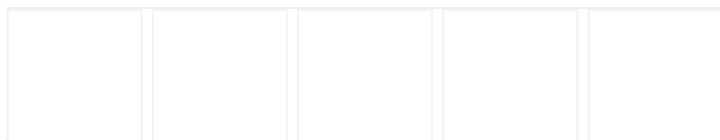
Article [Full-text available](#)

Oct 2019

 Ngo Thi Thu Thao ·  Tran Cam Loan ·  Cao My An ·  Tran Ngoc Hai

This study is aimed to evaluate the growth, survival rate, production and quality of the oysters originated from Ben Tre, Tra Vinh and Ca Mau provinces. Oysters were cultured in extensive shrimp pond at Dam Doi district, Ca Mau province. Oyster seeds with shell length from 8-9 cm were cultured in the net frame at the density of 140 individuals/m²....

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Integrating different densities of white leg shrimp *Litopenaeus vannamei* and red seaweed *Gracilaria tenuistipitata* in the nursery phase: effects on water quality and shrimp performance

Article [Full-text available](#)

Oct 2019

 Ngoc Anh Thi Nguyen ·  Bui Nguyen Thu An ·  Lam My Lan ·  Tran Ngoc Hai

The effects of integrating different densities of white leg shrimp *Litopenaeus vannamei* postlarvae (PL) and red seaweed *Gracilaria tenuistipitata* on water quality and shrimp performance were assessed in the nursery phase. A 3 × 4 factorial experiment with three levels of shrimp density (1000, 2000, and 3000 PL m⁻³) and four levels of red seaweed de...

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Growth and survival rate of mud clam larvae (*Geloina* sp.) in relation to rearing densities and diets

[Article](#)[Full-text available](#)

Aug 2019

 Ngo Thi Thu Thao ·  Danh Nhiet ·  Cao My An ·  Tran Ngoc Hai

Different stocking densities and feed types were evaluated in rearing larvae of mud clam *Geloina* sp. The experiment 1 included four feed treatments as (i) 100% fresh algae (*Nannochloropsis* sp and *Chaetoceros* sp with 1:1 ratio), (ii) 100% dry algae (*Spirulina* powder), (iii) 75% fresh algae + 25% dry algae, and (iv) 50% fresh algae +50% dry algae. Mu...

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Development of a system for measuring calcitonin in the stingray *Dasyatis akajei* (a cartilaginous fish): the possible involvement of stingray calcitonin in gonadal development

[Article](#)[Full-text available](#)

Aug 2019

 Takashi Takagi ·  Toshio Sekiguchi ·  Yuichi Sasayama · [...] ·  Nobuo Suzuki

To elucidate the physiological role of calcitonin (CT) in stingrays (cartilaginous fish), an enzyme-linked immunosorbent assay (ELISA) system using a specific antibody against stingray CT has been developed. Synthetic stingray CT was subcutaneously injected into mice four times—once every 2 weeks—together with an adjuvant. We purified the IgG antib...

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Study on adding carbon at different stages in larval rearing of the giant freshwater prawn (*Macrobrachium rosenbergii*) by biofloc technology

[Article](#)

Aug 2019

 Tran Ngoc Hai ·  Thanh Hien ·  Phu Quoc Truong · [...] ·  Chau Tai Tao

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The possibility of sweet potato (*Ipomoea batatas*) addition as feed for white leg shrimp (*Litopenaeus vannamei*) under biofloc rearing condition

[Article](#)[Full-text available](#)

Apr 2019

 Le Quoc Viet ·  Tran Ngoc Hai ·  Quoc Thinh Nguyen ·  Phu Tran Minh

The aim of the study is to determine the possibility of sweet potato (*Ipomoea batatas*) addition as feed for white leg shrimp (*Litopenaeus vannamei*) under biofloc rearing condition. The experiment was randomly set up with four feeding treatments including (i) 100% commercial pellet without sweet potato addition (control), (ii) commercial pellet in c...

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Hiện trạng và tiềm năng phát triển nuôi cầu gai ở vùng biển Kiên Giang, Việt Nam

[Article](#)[Full-text available](#)

Jan 2019

 Nhan Hua ·  Tran Ngoc Hai ·  Võ Nam Sơn · [...] ·  Dao Minh Hai

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Ảnh hưởng của tảo và mật độ ương lên tỷ lệ sống và tăng trưởng của ấu trùng cầu gai đen *Diadema setosum* (Leske, 1778)

[Article](#)[Full-text available](#)

Jan 2019

 Nhan Hua ·  Tran Ngoc Hai ·  Duc Pham Minh ·  Nhu truong Quynh

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Ảnh hưởng tỷ lệ C:N khác nhau lên tăng trưởng và tỷ lệ sống trong ương giống cá kèo (*Pseudapocryptes elongates*)

[Article](#)

Jan 2019

 Le Quoc Viet ·  Tran Ngoc Hai ·  Phu Tran Minh

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Nghiên cứu nuôi cá kèo (*Pseudapocryptes elongatus*) trong bể với các mật độ khác nhau theo công nghệ biofloc

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Jan 2019

 Le Quoc Viet ·  Tran Ngoc Hai ·  Thong Le-Van ·  Phu Tran Minh

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Ảnh hưởng của CO₂ lên tỉ lệ sống, tăng trưởng, enzyme tiêu hóa và glucose của tôm thẻ chân trắng (*Litopenaeus vannamei* Boone, 1931) giai đoạn tôm bột đến tôm giống

[Article](#)

Jan 2019

 Đỗ Văn Bước ·  Nguyen Thanh Phuong ·  Tran Ngoc Hai · [...] ·  Atsushi Ishimatsu

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Ảnh hưởng của các mức cho ăn khác nhau lên chất lượng nước, tăng trưởng và hiệu quả sử dụng thức ăn của tôm sú (*Penaeus monodon*) nuôi kết hợp với rong câu chỉ (*Gracilaria tenuistipitata*)

[Article](#)

Jan 2019

 Ngoc Anh Thi Nguyen ·  Tran Ngoc Hai ·  Lam My Lan ·  Nguyễn Hoàng Vinh

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Nghiên cứu ương ấu trùng tôm càng xanh (*Macrobrachium rosenbergii*) bằng công nghệ biofloc với các mật độ khác nhau

[Article](#)

Jan 2019

 Tran Ngoc Hai ·  Chau Tai Tao ·  Phạm Văn Đầy ·  Cao My An

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Nghiên cứu ương ấu trùng tôm sú (*Penaeus monodon*) bằng công nghệ biofloc ở các mật độ khác nhau

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Jan 2019

 Chau Tai Tao ·  Tran Ngoc Hai ·  Lý Văn Khánh · [...] ·  Hồ Văn Việt

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Ảnh hưởng của số lần cho ăn lên tăng trưởng và tỷ lệ sống của ấu trùng cua biển (*Scylla paramamosain*)

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Jan 2019

 Le Quoc Viet ·  Tran Ngoc Hai

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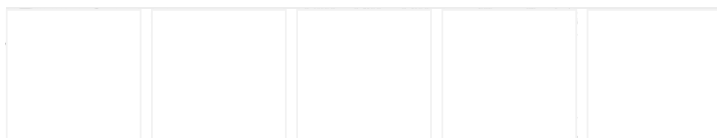
Seasonal changes of reproductive cycle and proximate compositions in *Cerithidea obtusa* from Ca Mau mangrove forest, Vietnam

[Article](#)[Full-text available](#)

Oct 2018

 Ngo Thi Thu Thao ·  Cao My An ·  Tran Ngoc Hai · [...] ·  Yasuhiko Taki

The present study investigated seasonal changes in gonad development and proximate compositions of the mangrove snail, *Cerithidea obtusa* in the mangrove forest of Ca Mau province, Mekong Delta of Vietnam. Our findings showed that gametogenesis of *C. obtusa* occurred year around, however, the major spawning period lasted from September to November. T...

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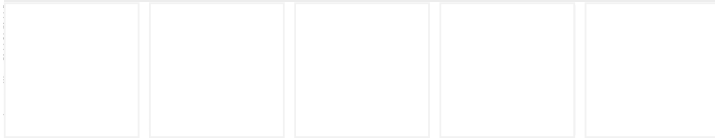
Co-Culture of Red Seaweed (*Gracilaria tenuistipitata*) and Black Tiger Shrimp (*Penaeus monodon*) with Different Feeding Ratios

[Article](#)[Full-text available](#)

Sep 2018

 Ngoc Anh Thi Nguyen ·  Luong Thi Hong Ngan ·  Nguyen Hoang Vinh ·  Tran Ngoc Hai

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Effects of partial replacement of fishmeal protein with green seaweed (*Cladophora* spp.) protein in practical diets for the black tiger shrimp (*Penaeus monodon*) postlarvae

Article [Full-text available](#)

Aug 2018

 Ngoc Anh Thi Nguyen ·  Tran Ngoc Hai ·  Thanh Hien

This study assessed the effects of the green seaweed *Cladophora* spp. as a protein source to substitute fishmeal protein in practical diets for postlarval tiger shrimp (*Penaeus monodon*). A control diet without containing seaweed meal was compared with five experimental diets in which fishmeal protein was replaced by increasing the levels of green se...

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Investigating the Characteristics of Proteolytic Enzymes of Mud Crab (*Scylla paramamosain*) Larvae and Crablet

Article [Full-text available](#)

Jul 2018

 Khoa Duy Tran Nguyen ·  Ly Thi Yen Mi ·  Le Quoc Viet · [...] ·  Tran Ngoc Hai

This study aimed to investigate the proteolytic enzyme activity of mud crab (*Scylla paramamosain*) larvae. Samples of crab larvae fed live feed (artemia) were collected at various stages from Zoea-1 to Crab 1. Protease, trypsin, chymotrypsin and pepsin activity were analysed during larval development stages. The results showed that protease and peps...

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Effects of chemicals and induced methods on reproduction efficiency of mud clam *Geloina* sp original from U Minh Thuong, Kien Giang (Ảnh hưởng của hóa chất và các phương pháp tác động đến hiệu quả sinh sản của vẹm *Geloina* sp có nguồn gốc từ U Minh Thượng, tỉnh Kiên Giang)

Article [Full-text available](#)

Jul 2018

 Ngo Thi Thu Thao ·  Danh Nhiet ·  Tran Ngoc Hai ·  Nguyen Xuan Niem

Clam broodstocks *Geloina* sp were collected at U Minh Thuong areas, Kien Giang province to investigate the effects of different induce methods on efficiency in the hatchery. The study consisted of 3 treatments: 1) Using chemicals, 2) Changing temperature and 3) Combining chemicals and temperature changes. Several indicators such as number of reprodu...

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ANALYSING TECHNICAL AND FINANCIAL ASPECTS OF GIANT FRESHWATER PRAWN *Macrobrachium rosenbergii*

GIANT FRESHWATER PRAWN *Macrobrachium rosenbergi* (De man, 1879) CULTURE IN BRACKISH WATER AREA OF TRA VINH PROVINCE

[Article](#)

Mar 2018

 Huong Kim Huynh ·  Viet Quoc Le ·  Huong Thi Thanh Do ·  Tran Ngoc Hai

This study was conducted through the interview of 48 households applying alternative system of the giant freshwater prawn and shrimp farming in Tra Vinh province. The study aimed to evaluate the effects of different factors on the efficiency of the prawn farming in order to contribute to sustainable development of the farming system in the brackish w...

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Some characteristics of cultured oyster species *Crassostrea belcheri* and farming system in Ben Tre province (Một số đặc điểm hình thái hàu *Crassostrea belcheri* và mô hình nuôi hàu tại tỉnh Bến Tre)

[Article](#)[Full-text available](#)

Feb 2018

 Ngo Thi Thu Thao ·  Duong Minh Thuy ·  Nhan Hua ·  Tran Ngoc Hai

Survey on cultured oyster species, technical and economic aspects of oyster farming system in Ben Tre province was conducted from June 2016 to January 2017. The survey was based on the answer sheet of farmers about culture techniques and economic efficiency of culture systems. After collecting from farming systems, oyster samples were kept alive on

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Ảnh hưởng của cường độ ánh sáng lên tăng trưởng và tỷ lệ sống của tôm càng xanh (*Macrobrachium rosenbergii*) giống ương theo công nghệ biofloc

[Article](#)

Jan 2018

 Dương Thiên Kiều ·  Tran Ngoc Hai ·  Chau Tai Tao ·  Phạm Văn Đây

[View](#)

Khảo sát thành phần loài rong xanh họ Cladophoraceae trong các thủy vực nước lợ tỉnh Bạc Liêu và Cà Mau

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Jan 2018

 Ngọc Anh Thi Nguyen ·  Huynh Ly Huong ·  Tran Ngoc Hai

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Ảnh hưởng của mức nước, mật độ ương và lượng giá thể khác nhau lên tỷ lệ sống của ấu trùng cua biển (*Scylla paramamosain*) giai đoạn megalop đến của 1

[Article](#)[Full-text available](#)

Jan 2018

 Le Quoc Viet ·  Tran Ngoc Hai

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Nghiên cứu ương ấu trùng tôm sú (*Penaeus monodon*) bằng công nghệ biofloc từ nguồn carbohydrate rỉ đường bổ sung ở các giai đoạn khác nhau

[Article](#)

Jan 2018

 Chau Tai Tao ·  Lý Văn Khánh ·  Tran Ngoc Hai[View](#)

Ương ấu trùng của biển (*Scylla paramamosain*) với các mật độ khác nhau

[Article](#)[Full-text available](#)

Jan 2018

 Le Quoc Viet ·  Tran Ngoc Hai[View](#)

Đánh giá hiệu quả kỹ thuật và tài chính của mô hình nuôi tôm sú quảng canh cải tiến và tôm - lúa tại huyện Thới Bình, tỉnh

Cà Mau[Article](#)

Jan 2018

 Võ Nam Sơn ·  Nguyen Thanh Phuong ·  Tran Ngoc[View](#)

Khía cạnh kỹ thuật và hiệu quả tài chính của mô hình sản xuất giống của biển (*Scylla paramamosain*) ở Đồng bằng sông Cửu Long

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Jan 2018

 Tran Ngoc Hai ·  Phạm Quang Vinh ·  Le Quoc Viet[View](#)

Đánh giá khả năng bổ sung bí đỏ (*Cucurbita pepo*) làm thức ăn cho tôm thẻ chân trắng (*Litopenaeus vannamei*)

[Article](#)

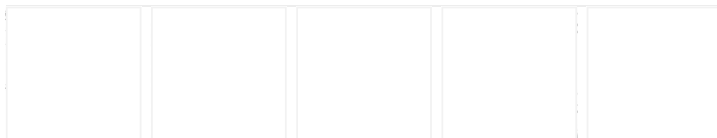
Jan 2018

 Le Quoc Viet ·  Tran Ngoc Hai ·  Phu Tran Minh[View](#)

Effects of different C:N ratios on growth and survival of spotted scat (*Scatophagus argus*) in the biofloc system

[Article](#)

Jan 2018

 Lý Văn Khánh ·  Nguyen Thanh Phuong ·  Tran Ngoc Hai ·  V.N. Son[View](#)

Effects of partial replacement of fishmeal protein by protein extracted from green seaweed (*Cladophoraceae*) in mudskipper (*Pseudapocryptes elongatus*) diets

[Article](#)[Full-text available](#)

Jan 2018

 Ngoc Anh Thi Nguyen ·  Tran Ngoc Hai[View](#)

Thực nghiệm nuôi tôm thẻ chân trắng (*Litopenaeus vannamei*) trong bể với các mật độ khác nhau theo công nghệ biofloc

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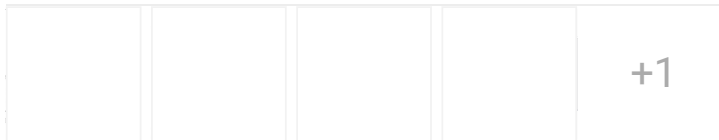
Jan 2018

 Le Quoc Viet ·  Tran Ngoc Hai[View](#)

Thực nghiệm ương ấu trùng tôm sú (*Penaeus monodon*) với các mô hình khác nhau

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Jan 2018

 Tran Ngoc Hai ·  Le Quoc Viet[View](#)

Clown knifefish (*Chitala ornata*) oxygen uptake and its partitioning in present and future temperature environments

[Article](#)[Full-text available](#)

Dec 2017

 Dang Tuong ·  Tran Bao Ngoc ·  Vo Thi Nhu Huynh · [...] ·  Mark Bayley

Abstract It has been argued that tropical ectotherms are more vulnerable to the projected temperature increases than their temperate relatives, because they already live closer to their upper temperature limit. Here we examine the effects of a temperature increase in environmental temperature to 6 °C above the present day median temperature (27 °C)...

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NHỮNG THÀNH TỰU TRONG NGHIÊN CỨU CHUYỂN GIỚI TÍNH TÔM CÀNG XANH (*Macrobrachium rosenbergii* DE MAN, 1879) Title: Achievements in research

[Article](#)[Full-text available](#)

Oct 2017

 Yen Thuy Duong ·  Bui Thi Lien Ha ·  Tran Ngoc Hai ·  Nguyen Thanh Phuong

This review synthesized studies on sex determination, scientific basis, approaches, and achievements in sex reversal of giant freshwater prawn (GFP) (*Macrobrachium rosenbergii*) around the world. GFP has a ZW sex determination system, where sex chromosomes are homozygous (ZZ) in males and heterozygous (ZW) in females. Sex differentiation of this spe...

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Fisheries Sci Sato et al. 2017 (002)

[Data](#)

Jul 2017

 Masayuki Sato ·  Koji Yachiguchi ·  Keiichi Motohashi · [...] ·  Nobuo Suzuki

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Erratum

[Data](#)

Jul 2017

 Masayuki Sato ·  Koji Yachiguchi ·  Keiichi Motohashi · [...] ·  Nobuo Suzuki

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Erratum to: Sodium fluoride influences calcium metabolism resulting from the suppression of osteoclasts in the scales of nibbler fish *Girella punctata*

[Article](#) [Full-text available](#)

May 2017

 Masayuki Sato ·  Koji Yachiguchi ·  Keiichi Motohashi · [...] ·  Nobuo Suzuki

The influence of sodium fluoride (NaF) on calcium metabolism was examined in nibbler fish (marine teleosts). Two days after the administration of NaF (5 µg/g of body weight) (around 10–4 M in fish), we showed that plasma calcium levels significantly decreased in NaF-treated nibbler fish. In addition, we detected fluoride in the treated scales by us...

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Sodium fluoride influences calcium metabolism resulting from the suppression of osteoclasts in the scales of nibbler fish *Girella punctata*

[Article](#) [Full-text available](#)

Apr 2017

 Masayuki Sato ·  Koji Yachiguchi ·  Keiichi Motohashi · [...] ·  Nobuo Suzuki

The influence of sodium fluoride (NaF) on calcium metabolism was examined in nibbler fish (marine teleosts). Two days after the administration of NaF (5 µg/g of body weight) (around 10–4 M in fish), we showed that plasma calcium levels significantly decreased in NaF-treated nibbler fish. In addition, we detected fluoride in the treated scales by us...

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Applied Biofloc Technology for Target Species in the Mekong Delta in Vietnam: A Review

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Apr 2017

 Hoa Nguyen Van ·  Ta Van Phuong ·  Tran Ngoc Hai · [...] ·  Pham Quoc Anh Duy

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Đánh giá khả năng thay thế thức ăn công nghiệp bằng khoai lang (*Ipomoea batatas*) trong nuôi tôm thẻ chân trắng (*Litopenaeus vannamei*) theo công nghệ biofloc

[Article](#)

Jan 2017

 Le Quoc Viet ·  Tran Ngoc Hai ·  Phu Tran Minh

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Ảnh hưởng của tỷ lệ C/N lên tăng trưởng, tỷ lệ sống của ấu

trùng và hậu ấu trùng tôm sú (*Penaeus monodon*) ương nuôi trong hệ thống biofloc

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Jan 2017

 Chau Tai Tao ·  Tran Ngoc Hai ·  Ly Van Khanh

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Ảnh hưởng của hỗn hợp dược liệu lên tăng trưởng, tỷ lệ sống và đáp ứng miễn dịch của tôm thẻ chân trắng (*Litopenaeus vannamei*) nuôi thâm canh trong bể

[Article](#)

Jan 2017

 Chau Tai Tao ·  Tran Ngoc Hai ·  Cao Mỹ Ân ·  Hoàng Văn Lâm

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Nghiên cứu sử dụng rong xanh (*Cladophora* sp.) làm nguồn thức ăn cho cá rô phi (*Oreochromis niloticus*)

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Jan 2017

 Ngoc Anh Thi Nguyen ·  Tran Ngoc Hai ·  Phạm Thị Tuyết Ngân ·  Nguyễn Thị Thúy An

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Nghiên cứu sử dụng cà rốt (*Daucus carota*) thay thế thức ăn viên trong nuôi tôm thẻ chân trắng (*Litopenaeus vannamei*) theo công nghệ biofloc

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Jan 2017

 Le Quoc Viet ·  Tran Ngoc Hai ·  Phu Tran Minh ·  Ngô Thị Hạnh

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Nghiên cứu bổ sung cà rốt (*Daucus carota*) làm thức ăn lên sinh trưởng và chất lượng tôm thẻ chân trắng (*Litopenaeus vannamei*) nuôi theo công nghệ biofloc

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Jan 2017

 Le Quoc Viet ·  Tran Ngoc Hai ·  Phu Tran Minh ·  Ngô Thị Hạnh

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Đánh giá khả năng thay thế Artemia bằng thức ăn nhân tạo trong ương ấu trùng cua biển (*Sylla paramamosain*)

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Jan 2017

 Tran Ngoc Hai ·  Le Quoc Viet

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Thực nghiệm ương ấu trùng cua biển (*Scylla paramamosain*) san thưa ở các giai đoạn khác nhau

[Article](#)

Jan 2017

 Tran Ngoc Hai ·  Le Quoc Viet

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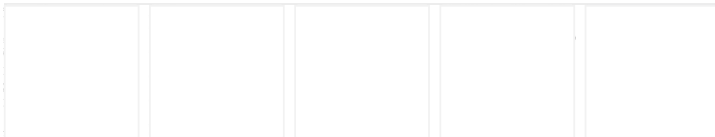
Effects of photoperiods on growth and quality of white leg shrimp (*Litopenaeus van-namei*) in biofloc system

[Article](#)

Jan 2017

 Le Quoc Viet ·  Tran Ngoc Hai ·  Phu Tran Minh ·  T.V. Ngan

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Giant freshwater prawn (*Macrobrachium rosenbergii* de Man, 1879) farming in brackish water areas of the Mekong Delta, Vietnam

[Article](#)

[Full-text available](#)

Jan 2017

 Tran Ngoc Hai ·  Nguyen Thanh Phuong ·  Huong Thi Thanh Do · [...] ·  H.K. Huong

Giant freshwater prawn (*Macrobrachium rosenbergii* de Man, 1879) is one of important aquaculture species in Vietnam, especially the Mekong Delta. Farming of giant freshwater prawn has been so far very well-known in the freshwater area with some important systems, typically the alternative rice-prawn farming system. However, this activity has recentl...

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Khảo sát sinh lượng và tác động của rong xanh (*Cladophoraceae*) trong đầm nuôi tôm quảng canh cải tiến ở tỉnh Bạc Liêu và Cà Mau

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Jan 2017

 Ngoc Anh Thi Nguyen ·  Tran Ngoc Hai ·  Đinh Thanh Hồng

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Thử nghiệm nuôi trồng rong nho (*Caulerpa lentillifera* J. Agardh, 1837) trong bể với các mật độ và phương thức nuôi trồng khác nhau

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Jan 2017

 Ngoc Anh Thi Nguyen ·  Tran Ngoc Hai ·  Dương Thị Thanh Mai

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Ảnh hưởng của các loại thức ăn lên tăng trưởng và tỷ lệ sống

của ấu trùng ba khía (*Sesarma seleri*) ương trong hệ thống nước xanh và nước trong

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Jan 2017

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PHÂN TÍCH KHÍA CẠNH KỸ THUẬT VÀ HIỆU QUẢ TÀI CHÍNH CỦA MÔ HÌNH NUÔI TÔM CÀNG XANH-LÚA LUÂN CẠNH VỚI TÔM SÚ Ở VÙNG NƯỚC LỢ TỈNH BẠC LIÊU

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Nov 2016

 H.K. Huong ·  Le Quoc Viet ·  Huong Thi Thanh Do · [...] ·  Tran Ngoc Hai

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ẢNH HƯỞNG ĐỘ MẶN LÊN CHU KỲ LỘT XÁC, SINH SẢN VÀ TĂNG TRƯỞNG CỦA TÔM CÀNG XANH (*Macrobrachium rosenbergii*) Title: The effect of salinities on molting cycle, spawning and growth of giant freshwater prawn (*Macrobrachium rosenbergii*)

[Article](#)

[Full-text available](#)

Nov 2016

 H.K. Huong ·  Lai Phuróc Sơn ·  Le Quoc Viet · [...] ·  Tran Ngoc Hai

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Sodium fluoride induces hypercalcemia resulting from the upregulation of both osteoblastic and osteoclastic activities in goldfish, *Carassius auratus*

[Article](#)

Jul 2016

 Masayuki Sato ·  Taizo Hanmoto ·  Koji Yachiguchi · [...] ·  Nobuo Suzuki

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TECHNICAL ASPECTS AND COSTS BENEFITS OF THE MODEL MANGROVES - SHRIMP IN NAM CAN DISTRICT, CA MAU PROVINCE

[Article](#)

Apr 2016

 Le Quoc Viet ·  Tran Ngoc Hai

The study was conducted from August to December 2014. Thirty seven mangroves-shrimp farmers in Nam Can district, Ca Mau were randomly selected for the interview. The aim of this study was to assess the costs and benefits and to identify the factors affecting the model. The results showed that the average of farm area was 2.1 ha, with forest cover 0...

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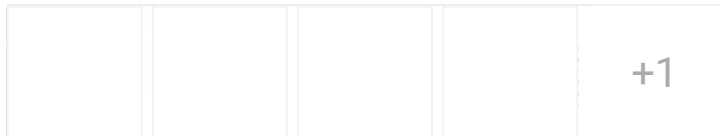
Shrimp industry in Vietnam

[Chapter](#)

Mar 2016

 Tran Ngoc Hai

The shrimp industry of Vietnam has developed rapidly and became an important sector in socio-economics of the country. Most recent data show that shrimp farming accounts for 655,156 ha of farms which produce 487,960 T annually. Mekong Delta is the main shrimp producing area where 90% of production farms are located and 60% of the country's shrimps...

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Technical-Economic Efficiencies of Snakehead Seed Production Under Impacts of Climate Change in the Mekong Delta, Vietnam

[Article](#)[Full-text available](#)

Jan 2016

 Nguyen Thi Kim Quyen ·  Truong Hoang Minh ·  Tran Ngoc Hai · [...] ·  Tran Duc Dinh

This study was carried out from February to December 2014 by interviewing 75 farmers who operate snakehead seed production in An Giang, Dong Thap and Hau Giang provinces, Vietnam. The results showed that the total area for production was 629.01 ± 756.77 m², whereas the volume for nursing was 582.10 ± 119.81 m³ for pond system and $1,019.56 \pm 736.66$ m³ for...

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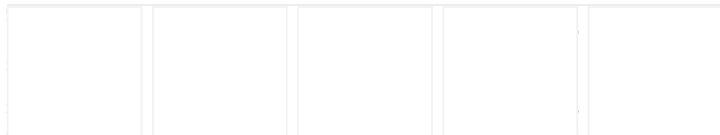
TECHNICAL ASPECTS AND ECONOMIC BENEFITS OF THE JUVENILE CRAB NURSERY IN LINING TANK IN NAM CAN DISTRICT, CA MAU PROVINCE

[Article](#)

Sep 2015

 Le Quoc Viet ·  Tran Ngoc Hai ·  Nguyen Thanh Phuong

Study on technical aspects and economic benefits of the juvenile crab nursery in lining ponds/tanks in Nam Can district, Ca Mau province was conducted from August to December 2014. Thirty five farmers were interviewed in Ham Rong commune, Nam Can district, Ca Mau province. The results showed that the average area of the lining tanks was 9.6 m²; wit...

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Giant freshwater prawn farming at different brackish water intrusion areas of Tra Vinh province

[Book](#)[Full-text available](#)

Sep 2015

 H.K. Huong ·  Le Quoc Viet ·  Huong Thi Thanh Do ·  Tran Ngoc Hai

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Ảnh hưởng độ mặn lên chu kỳ lột xác, sinh sản và tăng

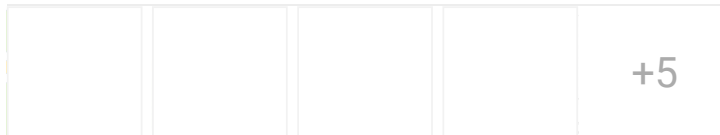
Ảnh hưởng độ mặn lên chu kỳ lột xác, sinh sản và tăng trưởng của tôm càng xanh (*Macrobrachium rosenbergii*).

[Research](#)[Full-text available](#)

Jul 2015

 H.K. Huong ·  Tran Ngoc Hai ·  Le Quoc Viet ·  Huong Thi Thanh Do

Từ khóa: Tôm càng xanh, *Macrobrachium rosenbergii*, ảnh hưởng độ mặn, lột xác, sinh sản ABSTRACT This study aimed to evaluate the effects of different salinities on the molting, spawning and growth of giant freshwater prawn (*Macrobrachium rosenbergii*), to contribute to development of Giant freshwater prawn culture in brackish environment. The experi...

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INNOVATION OF MARINE SHRIMP SEED PRODUCTION AND FARMING IN VIETNAM

[Article](#)[Full-text available](#)

Mar 2015

 Tran Ngoc Hai ·  Duc Pham Minh ·  Vo Nam Son · [...] ·  Nguyen Thanh Phuong

For over several decades, shrimp seed production and farming in Vietnam has been being on the rapid growth with diversification in species, systems and intensification, scales and management firms. During different phases of development, the innovation in shrimp seed production and farming has been contributing significantly to socio-economics of t...

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Food selectivity of grey mullet (*Liza subviridis*) larvae

[Article](#)

Jan 2015

 Le Quoc Viet ·  Thanh Hien ·  Tran Ngoc Hai ·  Khoa Duy Tran Nguyen

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Shrimp-based livelihoods in mangrove silvo-aquaculture farming systems

[Article](#)[Full-text available](#)

Sep 2014

 Roel H. Bosma ·  Nguyen Hong Tin ·  Audrie Siahainenia · [...] ·  Tran Ngoc Hai

The paper reviews the following three types of mangrove-shrimp systems: (i) integrated with canals between

platforms planted with mangrove; (ii) associated having larger areas of water and a large mangrove area; and (iii) separated, with a dyke separating ponds from forest. The variations in shrimp yield of integrated and associated svstems. that i...

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Rearing Cobia fingerling (*Rachycentron canadum*) at

different densities in RAS system.

[Article](#)

Jan 2014

 Le Quoc Viet ·  Nguyen Anh Tuan ·  Tran Ngoc Hai ·  Khoa Duy Tran Nguyen

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Potential uses of gut weed *Enteromorpha* spp. as a feed for herbivorous fish

[Article](#)

[Full-text available](#)

Jan 2013

 Ngoc Anh Thi Nguyen ·  Thanh Hien ·  Tran Ngoc Hai

Three separate experiments were performed to assess the potential use of gut weeds *Enteromorpha* spp. as a food source for herbivorous fish. The fresh or dried gut weeds were used as a direct feed to replace commercial feed in an alternative approach for feeding spotted seat (*Scatophagus argus*), red tilapia (*Oreochromis* sp.), and giant gourami (*Osph...*

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Rearing cobia (*Rachycentron canadum*) larvae with different diets

[Article](#)

[Full-text available](#)

Jan 2013

 Tran Ngoc Hai ·  Le Quoc Viet ·  Khoa Duy Tran Nguyen ·  DANG KHANH HONG

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STRAIN EVALUATION OF GIANT FRESHWATER PRAWN (*Macrobrachium rosenbergii*) BASED ON MORPHOLOGY AND GENETIC DIVERSITY

[Article](#)

[Full-text available](#)

Jan 2013

 Yen Thuy Duong ·  Pham Liem ·  Huynh Ky ·  Tran Ngoc Hai

Shortage supply and unstable quality of giant freshwater prawn (GFP) broodstock necessitate a breeding program for GFP farming in the Mekong Delta, Vietnam. Strain evaluation incorporating morphological and genetic information was conducted as a fundamental step for this program. Wild GFP strains were sampled (792 individuals) at four geographicall...

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Strain evaluation of giant freshwater prawn (*Macrobrachium rosenbergii*) based on morphology and genetic diversity

[Conference Paper](#)

[Full-text available](#)

Dec 2012

 Yen Thuy Duong ·  Pham Liem ·  Huynh Ky ·  Tran Ngoc Hai

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Phân tích khía cạnh kỹ thuật và hiệu quả tài chính của mô hình nuôi tôm càng xanh – lúa luân canh với tôm sú ở vùng

nước lợ tỉnh Bạc Liêu

Project

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"Nutritious ponds"

Project

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Oyster culture systems in Mekong Delta of Vietnam (Các mô hình nuôi hàu ở Đồng bằng sông Cửu Long, Việt Nam)

Project

To know culture techniques and financial aspects of different oyster culture systems in Mekong Delta of Vietnam.

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Shouzo Ogiso
Kanazawa University



Ngo Thi Thu Thao
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