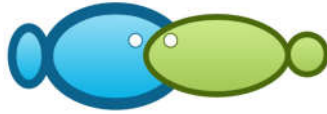


# **AACL Bioflux, Volume 16(1)**

## **February, 28, 2023**



### **Contents**

Pelasula D. D., Patria M. P., Wouthuyzen S., Syahailatua A., 2023 Key success factors and problems in coral transplantation: A review. AAAL Bioflux 16(1):1-24.

Yuniarti M., Syamsuddin M. L., Salsabilla A., Ihsan Y. N., Yuliadi L. P., 2023 Hydrodynamic and cohesive sediment transport modeling in Ciletuh Bay, West Java, Indonesia. AAAL Bioflux 16(1):25-38.

Wijayanto D., Nugroho R. A., Kurohman F., Nursanto D. B., 2023 The effect of salinity on the growth, survival and profitability of TGGG hybrid grouper culture (♀ tiger grouper × ♂ giant grouper). AAAL Bioflux 16(1):39-47.

Tupamahu A., Haruna, Silooy F. D., 2023 The effect of material type and mesh size of the drift gillnet selectivity on Abe's flyingfish, *Cheilopogon abei*, in Seram Sea, Indonesia. AAAL Bioflux 16(1):48-54.

Rostika R., Pratiwy F. M., Andhikawati A., Pasaribu B., Dewanti L. P., 2023 The addition of fish oil to commercial feed as omega-3 fatty acid source in biofloc *Clarias sp.* culture system. AAAL Bioflux 16(1):55-65.

Robin, Valen F. S., Nomleni A., Turnip G., Luhulima M. Y., Insani L., 2023 Presence of non-native freshwater fish in Indonesia: A review - Risk and ecological impacts. AAAL Bioflux 16(1):66-79.

Latuconsina H., Purbiantoro W., Padang A., 2023 Different marine macroalgae feeding preferences of adult white-spotted rabbitfish (*Siganus canaliculatus*). AAAL Bioflux 16(1):80-88.

Effendi I., Rifai M., Nadira M. R., Syawal H., Suriani D. T., Yoswaty D., Riza S., 2023 Bioactivity of *Bruguiera gymnorrhiza* leaf extract on fish pathogenic bacteria *Staphylococcus aureus*, *Aeromonas hydrophila*, and *Pseudomonas aeruginosa*. AAAL Bioflux 16(1):89-98.

Tahapary J., Simbolon D., Zulkarnain, Wiryawan B., 2023 Design and physical performance of fish apartments by utilizing pearl oyster shell waste. AAAL Bioflux 16(1):99-109.

Dewi P., Sutarjo, Hermawan M., Yusrizal, Maulita M., Nurlaela E., Kusmedy B., Danapraja S., Nugraha E., 2023 Study of sea surface temperature and chlorophyll-a influence on the quantity of fish caught in the waters of Sadeng, Yogyakarta, Indonesia. AAAL Bioflux 16(1):110-127.

Supono, Nurdianti L., Fidyandini H. P., 2023 Effect of different ratios of sodium and potassium on the growth and survival rate of Pacific white shrimp (*Litopenaeus vannamei*) cultured in freshwater. AAAL Bioflux 16(1):128-134.

- Nugroho E. D., Ardiansyah R., Kurniawan N., Widodo, Rahayu D. A., 2023 Species identification of echinoderms from Gili Ketapang Island by combining morphology and molecular data. *AACL Bioflux* 16(1):135-150.
- Prayudha B., Ulumuddin Y. I., Siregar V., Suyarso, Agus S. B., Prasetyo L. B., Anggraini K., Salatalohi A., 2023 Geomorphological and hydrological changes play a critical role in mangrove forest degradation in a rapidly shrinking lagoon in Indonesia. *AACL Bioflux* 16(1):151-167.
- Bahtiar R., Afriana W., Kurniawan T., 2023 Potential impact of Covid-19 pandemic on fisheries export sector in Indonesia: literature review and pointer of future research agenda. *AACL Bioflux* 16(1):168-178.
- Wijayanti M., Setiawan Y., Tanbiyaskur T., Jubaedah D., Amin M., Fitriani M., Gofar N., 2023 Techno-economic analysis of integrated multitrophic *Clarias gariepinus* and *Arthrospira platensis* with different agitation period. *AACL Bioflux* 16(1):179-189.
- Laitupa J. P., Baskoro M. S., Wiryawan B., Mustaruddin, 2023 Small scale handline tuna fishery in Buru Island, Maluku Province, Indonesia, during the Covid-19 pandemic. *AACL Bioflux* 16(1):190-198.
- Syamsuddin M. L., Faiz H. U., Ismail M. R., Zallesa S., 2023 Spatial distributions of the thermal front and of catches of mackerel (*Scomberomorus commerson*) in the Java Sea, Indonesia. *AACL Bioflux* 16(1):199-208.
- Suman A., Taufik M., Marini M., Fitriani A., Bintoro G., 2023 Population dynamic and spawning potential ratio of Asian redbtail catfish (*Hemibagrus nemurus*) in the flooded swamp of Tasik Giam Siak Kecil waters, Bengkalis, Riau Province, Indonesia. *AACL Bioflux* 16(1):209-219.
- Thinh N. Q., Duyen H. T. K., Viet L. Q., Dao N. L. A., Phu T. M., 2023 Application of matrix solid-phase dispersion on astaxanthin extraction from white leg shrimp (*Litopenaeus vannamei*) by-product. *AACL Bioflux* 16(1):220-225.
- Simawan J., Klahan R., Tola S., Yuangsoi B., 2023 Influence of methanol-soaked treatment on the nutritional quality, antinutritional factors and nutrient digestibility of sacha inchi (*Plukenetia volubilis*) meal as protein ingredients in the diet of juvenile Nile tilapia (*Oreochromis niloticus*). *AACL Bioflux* 16(1):226-241.
- Susanto A., Santosa G. W., Djunaedi A., Pringgenies D., Ariyanto D., 2023 The impact of mixed feed of seaweed *Gracilaria sp.* and transfer factor formula as immunostimulant on the immune response of Nile tilapia (*Oreochromis niloticus*). *AACL Bioflux* 16(1):242-251.
- Nur R. M., Wahab I., Nurafni, Alwi D., Koroy K., Rahman I. H. A., Saibi N., Dewi R., 2023 Antifouling activity of *Rhizophora stylosa* and *Rhizophora mucronata* in Morotai Island, North Maluku. *AACL Bioflux* 16(1):252-258.
- Rumondang R., Mulyani I., Aulia P., 2023 Feeding an artificial rush fish for the growth and survival of mud grouper (*Epinephelus lanceolatus*). *AACL Bioflux* 16(1):259-269.
- Mulyani Y., Agung M. U. K., Pratiwi D. Y., 2023 Bioactivity of carp intestinal-inhabited *Bacillus* in improving fish immunity and detection of their antimicrobial peptides (AMPs) encoding genes. *AACL Bioflux* 16(1):270-281.

- Arief H., Feliatra F., Darwis, Dewi N., 2023 Bioeconomic study and optimal use of the fourfinger threadfin (*Eleutheronema tetradactylum*) resource in Rokan Hilir Regency, Riau Province, Indonesia. AACL Bioflux 16(1):282-290.
- Yulinda E., Hendri R., Yolandika C., 2023 The role of trust mediation in the effect of business capital, production factors and government support on the marine fish supply chain performance, in Inhil Riau, Indonesia. AACL Bioflux 16(1):291-298.
- Syawal H., Lukistyowati I., Putra R., 2023 Hematological and physiological characteristics of the common carp (*Cyprinus carpio*) reared in saline water and fed with fermented herbs. AACL Bioflux 16(1):299-306.
- Polishchuk O. M., Hrytsyniak I. I., Kurinenko H. A., Syrovatka D. A., Simon M. Y., Kolesnyk N. L., Lengyel S. A., 2023 Effect of different commercial spawning agents on the effectiveness of pike-perch, *Sander lucioperca* (L.), reproduction under controlled conditions in Ukraine. AACL Bioflux 16(1):307-316.
- Ilham I., Liza C., Zainuddin Z., Priawandiputra W., 2023 Microdebris contamination in scleractinian coral in the Spermonde Archipelago, South Sulawesi, Indonesia. AACL Bioflux 16(1):317-327.
- Hutajulu J., Annur M. Y., Nugraha E., Mualim R., Yusrizal, Hermawan M., Kusumo T., Dewi P., Nurlaela E., Putra G. N., 2023 Study on *Katsuwonus pelamis* fishing business at Sadeng Fishery Port, Yogyakarta, Indonesia. AACL Bioflux 16(1):328-341.
- Adhar S., Barus T. A., Nababan E. S. N., Wahyuningsih H., 2023 Trophic state index and spatio-temporal analysis of trophic parameters of Laut Tawar Lake, Aceh, Indonesia. AACL Bioflux 16(1):342-355.
- Muhtadi A., Yulianda F., Boer M., Krisanti M., Riani E., Leidonald R., Hasani Q., Cordova M. R., 2023 Assessment of pollution status of tropical coastal lakes using modified Water Quality Index (WQI) based on physio-chemical parameters. AACL Bioflux 16(1):356-370.
- Rudyk-Leuska N., Potrokhov O., Khyzhniak M., Kononenko R., 2023 Comparative characteristics of the physiological state of fish under different climatic conditions on the example of Kremenchuk and Kakhovka reservoirs. AACL Bioflux 16(1):371-380.
- Deswati, Wisna N. D., Zein R., Tetra O. N., Suparno S., Pardi H., Suteja Y., 2023 Preliminary study on microplastic pollution in water and sediment at the Beaches of Pariaman City, West Sumatra, Indonesia. AACL Bioflux 16(1):381-397.
- Yudhistira E., Kusumastanto T., Adrianto L., Yulianda F., 2023 An economic valuation analysis of mangrove conservation using contingent valuation method: A case study at Ciletuh Bay. AACL Bioflux 16(1):398-412.
- Rengi P., Nasution P., Brown A., Tarigan S. S. M., Sidauruk S. W., 2023 Environmental friendliness level of fish catching on the Southern coast of West Sumatera. An assessment using the analytical hierarchy process. AACL Bioflux (16)1:413-426.
- Muthalib A. A., Nuryadi A. M., 2023 The economic adaptation pattern of seaweed cultivator community affected by nickel mine waste in North Konawe Regency, Indonesia. AACL Bioflux 16(1):427-435.
- Pahri S. D. R., Yana R., Danial M. A., 2023 Sustainable management of blood cockles (*Tegillarca granosa*) industry in Malaysia from the life cycle assessment perspective: A review. AACL Bioflux 16(1):436-446.

- Lesmanawati W., Manalu W., Suprayudi M. A., Rahminiwati M., Nuryati S., 2023 Application of black cumin *Nigella sativa* as immunostimulant for the prevention of White Spot Disease in Pacific whiteleg shrimp *Litopenaeus vannamei*. AACL Bioflux 16(1):447-456.
- Wibowo B. A., Wijayanto D., Setiyanto I., Dewi D. A. N. N., 2023 Factors affecting fishermen's income on Karimunjawa Island. AACL Bioflux 16(1):457-464.
- Wijayanto D., Nugroho R. A., Kurohman F., Nursanto D. B., 2023 Effect of low salinity and fresh water media on growth, survival and BCR in TGGG hybrid grouper (female tiger grouper x male giant grouper) culture. AACL Bioflux 16(1):465-473.
- Rustam, Wamnebo M. I., Hartinah, 2023 Optimizing the utilization of mangrove coastal resources through the application of intercropping ponds/silvofishery in Sinjai Regency, Indonesia. AACL Bioflux 16(1):474-482.
- Deswati, Tetra O. N., Yusuf Y., Dewi P., Pardi H., 2023 Application of FLOCponics to improve water quality (phosphate, sulphate, calcium, potassium). AACL Bioflux 16(1):483-495.
- Puong N. T., Ha N. T. K., Huong D. T. T., 2023 Growth and feed intake of striped catfish (*Pangasianodon hypophthalmus*) fingerlings reared in different salinities. AACL Bioflux 16(1):496-507.
- Herawati E. Y., Darmawan A., Valina R., Arinda E. S., Arsyaddirizali A., Khasanah R. I., 2023 Analysis of water quality and primary productivity in Welang, Gembong, and Rejoso rivers, Pasuruan East Java, Indonesia. AACL Bioflux 16(1):508-523.
- Nursyahrhan, Jayadi, Tamsil A., Harlina, 2023 Domestication of yellow-finned medaka fish (*Oryzias profundicola*). AACL Bioflux 16(1):524-533.
- Bersaldo M. J. I., Dalagan G. E. P., Felix C. J., Orbita M. L., 2023 Growth dynamics and survival of mangroves (Rhizophoraceae) seedlings in Guang-guang, Mati City, Davao Oriental, Philippines. AACL Bioflux 16(1):534-545.
- Pasaribu R. P., Djari A. A., Rahman A., Kabul A., Amdani, Sagala H. A., 2023 Analysis of transplanted coral growth using the rock pile method in Karimunjawa National Park, Central Java, Indonesia. AACL Bioflux 16(1):546-554.
- Tuaputty H., Leasa M., Alimudi S., 2023 Potential of pelagic fish in the seawaters of Salahutu district, Ambon Island and analysis of protein and fat content. AACL Bioflux 16(1):555-563.
- Yusrizal, Thamrin, Nofrizal, Suwondo, 2023 Analysis of ecological dimensions on the sustainability of port management of PT Pelindo Dumai branch. AACL Bioflux 16(1):564-571.
- Pattikawa J. A., Tuapetel F., La Ima T., 2023 Size distribution and growth pattern of shortfin scad (*Decapterus macrosoma*) from Banda Islands, Indonesia. AACL Bioflux 16(1):572-578.
- Nurdin J., Safitri V., Nofrita, Noli Z. A., 2023 Phytoplankton chlorophyll-a content and its relationship with water quality in the Gulf of Kabung and small islands, Padang City, Indonesia. AACL Bioflux 16(1):579-590.

Setiaji J., Feliatra F., Teruna H. Y., Lukistryowati I., Heriyanto, 2023 Activity of an antibacterial compound produced by *Bacillus sp.* strain JS4 (MT102913.1). AACL Bioflux 16(1):591-596.

Haryani E. B. S., 2023 Baseline strategy to manage a Marine Conservation Area through community evaluation approach. AACL Bioflux 16(1):597-605.

Torres-Mesa A., Cifuentes-Torres L., Hurtado-Giraldo H., Gomez-Ramirez E., 2023 Evaluation of plant-fish ratio in an aquaponic system with different stocking densities of *Cyprinus carpio* and *Carassius auratus*. AACL Bioflux 16(1):606-615.

Azhar F., Mukhlis A., Lestari D. P., Marzuki M., 2023 Application of kappa-carrageenan as immunostimulant agent in non-specific defense system of vannamei shrimp. AACL Bioflux 16(1):616-624.

Bathara L., Effendi I., Tang U. M., Kornita S. E., 2023 Production analysis of shrimp crackers home industry based on Islamic economic principles in Indragiri Hilir Regency, Indonesia. AACL Bioflux 16(1):625-634.

Slimani D., Abdellaoui S., Ouamari N. E., Settih J., Layachi M., Kaddouri N., Kasmi K., Mouedden R., Chaabane K., 2023 Age, growth and exploitation rate of European hake, *Merluccius merluccius*, from the Moroccan Mediterranean coastline. AACL Bioflux 16(1):635-649.

Sahusilawane H. A., Sudrajat A. O., Suprayudi M. A., Soelistyowati D. T., Tumbelaka L. I. T. A., Effendi I., 2023 Reproduction performance of maroon clownfish (*Premnas biaculeatus*) in different pairing systems and substrate types. AACL Bioflux 16(1):650-664.

Christian Y., Gunawan A., Desmiwati, Erwina S., 2023 Fishers of Anambas Islands amid the resources landscape of North Natuna Sea waters. AACL Bioflux 16(1):665-678.

Hetami A. A., Aransyah M. F., Andreana A. G., 2023 Portrait of the aquascape industry in Indonesia: Business opportunities and challenges. AACL Bioflux 16(1):679-689.

Sefiasanti M. C. S., Soeprbowati T. R., Jumari, 2023 Water quality status of Gajah Wong River, Indonesia. AACL Bioflux 16(1):690-698.

Yudha I. G., Cendrakasih Y. U., Febryano I. G., Rochana E., Supono, Nugroho T., Karim M., 2023 The characteristics and welfare status of blue swimming crab fishermen's household on the eastern coast of Lampung, Indonesia. AACL Bioflux 16(1):699-708.

**International Standard Serial Number**  
**Online ISSN 1844–9166; Print ISSN 1844-8143**

**Published by Bioflux – six issues/year (bimonthly); in cooperation with The Natural Sciences Museum Complex (Constanta, Romania)**

The journal includes original papers, short communications, and reviews on Aquaculture (Biology, Technology, Economics, Marketing), Fish Genetics and Improvement, Aquarium Sciences, Fisheries, Ichthyology, Aquatic Ecology, Conservation of Aquatic Resources and Legislation (in connection with aquatic issues) from wide world.

**Editor-in-Chief**

Petrescu-Mag I. Valentin: USAMV Cluj, Cluj-Napoca, University of Oradea (Romania)  
Gavriloaie Ionel-Claudiu (alternate): SC Bioflux SRL, Cluj-Napoca (Romania).

**Editors**

Abdel-Rahim Mohamed M.: National Institute of Oceanography and Fisheries, Alexandria (Egypt)  
Adascalitei Oana: Maritime University of Constanta, Constanta (Romania)  
Amira Aicha Beya: Badji Mokhtar Annaba University, Annaba (Algeria)  
Arockiaraj A. Jesu: SRM University, Chennai (India)  
Appelbaum Samuel: Ben-Gurion University of the Negev (Israel)  
Baharuddin Nursalwa: Universiti Malaysia Terengganu, Terengganu (Malaysia)  
Balint Claudia: USAMV Cluj, Cluj-Napoca (Romania)  
Boaru Anca: USAMV Cluj, Cluj-Napoca (Romania)  
Bora Florin D.: Research Station for Viticulture & Enology Tg.Bujor, Galați (Romania)  
Breden Felix: Simon Fraser University (Canada)  
Burny Philippe: Universite de Liege, Gembloux (Belgium)  
Caipang Christopher M.A.: Temasek Polytechnic (Singapore)  
Chapman Frank: University of Florida, Gainesville (USA)  
Creanga Steofil: USAMV Iasi, Iasi (Romania)  
Cristea Victor: Dunarea de Jos University of Galati, Galati (Romania)  
Das Simon Kumar: Universiti Kebangsaan Malaysia, Bangi, Selangor (Malaysia)  
Dimaggio Matthew A.: University of Florida (USA)  
Georgescu Bogdan: USAMV Cluj, Cluj-Napoca (Romania)  
Ionescu Tudor: University of Oradea, Oradea (Romania)  
Karayucel Ismihan: University of Sinop, Sinop (Turkey)  
Khamesipour Faham: Shiraz University, Shiraz (Iran)  
Kosco Jan: Presov University, Presov (Slovakia)  
Kovacs Eniko: USAMV Cluj, Cluj-Napoca (Romania)  
Kucska Balázs: Hungarian University of Agriculture and Life Sciences, Kaposvár (Hungary)  
Mehrad Bahar: Gorgan University of Agricultural Sciences and Nat. Res. (Iran)  
Miclaus Viorel: USAMV Cluj, Cluj-Napoca (Romania)  
Molnar Kalman: Hungarian Academy of Sciences, Budapest (Hungary)  
Muchlisin Zainal Abidin: Universiti Sains (Malaysia), Syiah Kuala University (Indonesia)  
Muntean George Catalin: USAMV Cluj, Cluj-Napoca (Romania)  
Nowak Michal: University of Agriculture in Krakow (Poland)  
Nyanti Lee: Universiti Malaysia Sarawak, Sarawak (Malaysia)  
Odagiu Antonia: USAMV Cluj, Cluj-Napoca (Romania); BENA, Thessaloniki (Greece)  
Olivotto Ike: Universita Politecnica delle Marche, Ancona (Italy)  
Oroian Firuta Camelia: USAMV Cluj, Cluj-Napoca (Romania)  
Papuc Tudor: USAMV Cluj, Cluj-Napoca (Romania)  
Parvulescu Lucian: West University of Timisoara (Romania)  
Pasarin Benone: USAMV Iasi, Iasi (Romania)  
Pattikawa Jesaja Ajub: Pattimura University, Ambon (Indonesia)  
Petrescu Dacinia Crina: Babes-Bolyai University, Cluj-Napoca (Romania), Universite de Liege, Gembloux (Belgium)  
Petrescu-Mag Ruxandra Malina: Babes-Bolyai University, Cluj-Napoca (Romania), Universite de Liege, Gembloux (Belgium)  
Petrovici Milca: West University of Timisoara (Romania)  
Pratasik Silvester Benny: Sam Ratulangi University, Manado (Indonesia)  
Proorocu Marian: USAMV Cluj, Cluj-Napoca (Romania)  
Putri A. R. Sahni: Hasanuddin University, Makassar (Indonesia)  
Ray Sunuram: Khulna University (Bangladesh)  
Rhyne Andrew: Roger Williams University; New England Aquarium, Boston (USA)  
Ruchin Alexander B.: Joint Directorate of the Mordovia State Nature Reserve and National Park «Smolny», Saransk (Russia)  
Safirescu Calin: USAMV Cluj, Cluj-Napoca (Romania)  
Sándor Zsuzsanna J.: National Agriculture Research and Innovation Center, Gödöllő (Hungary)  
Serrano Jr. Augusto E.: University of the Philippines Visayas (Philippines)  
Sima Nicusor-Flavius: USAMV Cluj, Cluj-Napoca (Romania); BENA, Thessaloniki (Greece)  
Tlusty Michael F.: New England Aquarium, Boston (USA)

Vesa Stefan Cristian: Iuliu Hatieganu UMF, Cluj-Napoca (Romania)  
Vintila Iuliana: Dunarea de Jos University of Galati, Galati (Romania)  
Wariaghli Fatima: University Mohammed V in Rabat, Rabat (Morocco)  
Yusli Wardiatno: Bogor Agricultural University, Bogor (Indonesia).

#### Contact Publisher

SC Bioflux SRL, 54 Ceahlău Street, Cluj-Napoca, 400488, Romania, European Union.

Ioan Valentin Petrescu-Mag, e-mail: zoobiomag2004@yahoo.com

Note that there is also an electronic version of the journal. You may download the fulltext version of AACL Bioflux – Volume 16/2023 from <http://www.bioflux.com.ro/aac/> – open access.

All articles included in AACL Bioflux are peer reviewed (double blind peer-review is used). Each published article was seen before by two reviewers; the two peer-reviews are made independently.

#### AACL Bioflux has a publishing agreement, or is indexed, abstracted or full text reproduced by/in the following scholar/scientific databases, search engines, libraries, publishers:

ISI Web of Science – via CABI and Zoological Record

Zoological Record (direct submission/coverage)

Scopus - Elsevier; Sciverse

Scimago - Journal Rank

CAB International - CAB Abstracts

ProQuest

China Educational Publications Import & Export Corporation - SOCOLAR

Ulrich's Periodicals Directory

CAB Direct (as part of CABI)

Wolters Kluwer - Ovid LinkSolver

Polish Ministry of Science and Higher Education – 2.00 pts/article

The National Science Digital Library - NSDL

The University of Hong Kong Libraries – HKUL Database

Deutsche Nationalbibliothek - ZDB Database

State Library of Ohio - OhioLINK Database

Smithsonian Institution Libraries

Biblioteka Główna Uniwersytetu Medycznego w Poznaniu

Google Scholar, Academic

Athabasca University - ICAAP Database

University of Southampton - ROAR

Georgetown University Library - NewJour

Universita degli Studi di Modena e Reggio Emilia – SBA, Risorse Elettroniche

Simon Fraser University - PKP

University of Tsukuba - Tulips Database

Teikyo Scientific University- NTU Database

LIS Links: Link Library of Open Access English Language Journals

Fayetteville State University - Charles W. Chesnutt Library

Vrije Universiteit Brussel - VUB e-journal list

Russian CJDB

Universitat Giessen - Digitale Bibliothek

Pace University Library

Tel Aviv University. Gitter-Smolzar Library of Life Sciences and Medicine

MALMAD – Israel Center for Digital Information Services

California State University – Monterey Bay Library

Réseau des Bibliothèques de l'Université Joseph Fourier et de l'Institut National Polytechnique de Grenoble

University of Saskatchewan – University Library (Electronic Journals)

YanXue Resource – YXRES

Feng Chia University – Electronic Library

Main Library of the University of Agriculture in Krakow

SUMMON Database

uOttawa Library

Universita di Roma Tor Vergata - Digital Library

UTC Lupton Library

University of Notre Dame - Hesburgh Libraries

Guilford College - Hege Library

Eastern Michigan University Library - Periodicals locator

Universiteitsbibliotheek Gent - Tijdschriften

Chung Yuan Christian University Library

ArgosBiotech

Ecole Polytechnique Federale de Lausanne - Library

Rowan University – Library Services

James Cook University Library – Australia

Ministerstwo Nauki i Szkolnictwa Wyższego Warszawa

Kun Shan University Library

CCG-IBT Biblioteca

Reference Zone – Nigeria



THOMSON REUTERS



Dayang Journal System  
Riley-Hickingbotham Library  
Politechnika Wroclawska  
Universite Paris Diderot – Revues Electroniques  
ERSA – Chinese Library.

## Our collaborators



SciVerse Scopus is the world's largest abstract and citation database of peer-reviewed literature and quality web sources. Contains 41 million records, 70% with abstracts; Nearly 18,000 titles from 5,000 publishers worldwide; 70% of content is pulled from international sources; Includes over 3 million conference papers; Provides 100% Medline coverage; Offers sophisticated tools to track, analyze and visualize research.

## Socolar

The free scholastic search engine is established by China Educational Publications Import and Export Corporation (CEPIEC). Under the leadership of China Ministry of Education, CEPIEC is the only company dealing with publication ex-im business in the education field. CEPIEC has been serving colleges and universities, research institutions and public libraries in China for more than 20 years, providing them with excellent academic resources from all over the world. Contact: No 41 Zhong Guan Cun Street, Haidian District, Beijing, P.R.China 100080. Tel: +86 (0)10 6251 4068; e-mail: li\_yanxia@cepiec.com.cn Fax: +86 (0)10 6251 4068 [www.cepiec.com.cn](http://www.cepiec.com.cn)



CABI is a not-for-profit international organization that improves people's lives by providing information and applying scientific expertise to solve problems in agriculture and the environment. Their mission and direction is influenced by their member countries who help guide the activities they undertake. These include scientific publishing, development projects and research, and microbial services. 2010 marked 100 years of CABI. Since its beginnings as an entomological committee in 1910, it then developed into a Commonwealth organization before becoming a truly international service in agricultural information, pest identification and biological control in the mid 1980s.

## Zoological Record (part of Biosis)

ION contains the organism names related data gathered from the scientific literature for Thomson Reuters' *Zoological Record*® database. Viruses, bacteria and plant names will be added from other Thomson Reuters databases such as *BIOSIS Previews*® and *Biological Abstracts*®



THOMSON REUTERS

## Index to Organism Names (ION)



## ELSEVIER PRODUCTS

Elsevier B.V., Bibliographic Databases, Radarweg 29, 1043 NX Amsterdam, The Netherlands.

