**LEMBAR**
**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU *PEER REVIEW***
**KARYA ILMIAH : JURNAL ILMIAH**

| | | | | |
|---|---|---|---|---|
| Judul Jurnal Ilmiah (Artikel) | : | Molecular characterization of vibriosis associated bacteria from traditional mud-crab farmed in the North Coast of Central Java, Indonesia | | |
| Jumlah Penulis | : | Enam (**Sarjito Sarjito**, Alfabetian Harjuno Condro Haditomo, Slamet Budi Prayitno, Aninditia Sabdaningsih, Desrina, and Restiana Wisnu Ariyati) | | |
| Status Pengusul | : | penulis ke 1 (Satu) / Korespondensi | | |
| Identitas Jurnal Ilmiah | : | a. Nama Jurnal | : | Songklanakarin Journal of Science and Technology (SJST) |
| | | b. Nomor ISSN | : | ISSN 2408-1779) |
| | | c. Vol, No., Bln Thn | : | Volume 44, No.4 , Juli - Agustus 2022 |
| | | d. Penerbit | : | Research and Development Office, Prince of Songkla University, Thailand |
| | | e. DOI artikel (jika ada) | : | - |
| | | f. Alamat web jurnal | : | https://rdo.psu.ac.th/sjst/article.php?art=2875 |
| | | Alamat Artikel | : | https://rdo.psu.ac.th/sjst/journal/44-4/6.pdf |
| | | g. Terindeks | : | Scopus |

Kategori Publikasi Jurnal Ilmiah (beri ✓pada kategori yang tepat) :

- [✓] Jurnal Ilmiah Internasional
- [ ] Jurnal Ilmiah Nasional Terakreditasi
- [ ] Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

| Komponen Yang Dinilai | Nilai Maksimal Jurnal Ilmiah | | | Nilai Akhir Yang Diperoleh |
|---|---|---|---|---|
| | Internasional [40] | Nasional Terakreditasi [ ] | Nasional Tidak Terakreditasi [ ] | |
| a. Kelengkapan unsur isi jurnal (10%) | 4 | | | 3.6 |
| b. Ruang lingkup dan kedalaman pembahasan (30%) | 12 | | | 11.8 |
| c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%) | 12 | | | 11.8 |
| d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%) | 12 | | | 11.7 |
| **Total = (100%)** | 40 | | | 38.9 |
| **Nilai Pengusul = 60%x 38.9=23.34** | | | | |

**Catatan Penilaian artikel oleh Reviewer :**

**Songklanakarin Journal of Science and Technology (SJST)** (Turnitin 9%, ISSN : 01253395, Scopus Coverage 2006-2021

Artikel lengkap, memenuhi kaidah penulisan artikel ilmiah. Isi sesuai dengan bidang kompetensi Pengusul. Artikel ditulis dengan bagus dan menarik. Metode untuk melihat bakteri infeksious dilengkapi dengan metode uji up todate yaitu menggunakan molecular characterisasi sesuai tujuan penelitian dan didukung dengan acuan relevan. Analisis baik dgn membandingkan temuan vibrosis yang menginfeksi budidaya kepiting lumpur di 3 daerah yg berbeda yaitu Rembang Demak dan Kendal, didukung data visual organisme yg terinfeksi serta penyebabnya

Pustaka yang digunakan relevan dan memadai. Kebaruan juga baik, >75% artikel terbit dalam 10 th.

Hibah FPIK Jurnal baik Q3 SJR 0.18 thn 2021

Semarang, 24 November 2022
Reviewer 1

Prof. Dr. Ir. Eko Nurcahya Dewi, M.Sc.
NIP. 196111241987032001
Unit Kerja: Fakultas Perikanan dan Ilmu Kelautan

**LEMBAR**
**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU *PEER REVIEW***
**KARYA ILMIAH : JURNAL ILMIAH**

| | | | | |
|---|---|---|---|---|
| Judul Jurnal Ilmiah (Artikel) | : | Molecular characterization of vibriosis associated bacteria from traditional mud-crab farmed in the North Coast of Central Java, Indonesia | | |
| Jumlah Penulis | : | Enam (**Sarjito Sarjito**, Alfabetian Harjuno Condro Haditomo, Slamet Budi Prayitno, Aninditia Sabdaningsih, Desrina, and Restiana Wisnu Ariyati) | | |
| Status Pengusul | : | penulis ke 1 (Satu) / Korespondensi | | |
| Identitas Jurnal Ilmiah | : | a. Nama Jurnal | : | Songklanakarin Journal of Science and Technology (SJST) |
| | | b. Nomor ISSN | : | ISSN 2408-1779) |
| | | c. Vol, No., Bln Thn | : | Volume 44, No.4 , Juli - Agustus 2022 |
| | | d. Penerbit | : | Research and Development Office, Prince of Songkla University, Thailand |
| | | e. DOI artikel (jika ada) | : | - |
| | | f. Alamat web jurnal | : | https://rdo.psu.ac.th/sjst/article.php?art=2875 |
| | | Alamat Artikel | : | https://rdo.psu.ac.th/sjst/journal/44-4/6.pdf |
| | | g. Terindeks | : | Scopus |

Kategori Publikasi Jurnal Ilmiah (beri ✓pada kategori yang tepat) :
- [✓] Jurnal Ilmiah Internasional
- [ ] Jurnal Ilmiah Nasional Terakreditasi
- [ ] Jurnal Ilmiah Nasional Tidak Terakreditasi

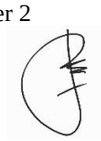
Hasil Penilaian *Peer Review* :

| Komponen Yang Dinilai | Nilai Maksimal Jurnal Ilmiah | | | Nilai Akhir Yang Diperoleh |
|---|---|---|---|---|
| | Internasional [40] | Nasional Terakreditasi [ ] | Nasional Tidak Terakreditasi [ ] | |
| e. Kelengkapan unsur isi jurnal (10%) | 4 | | | 3,8 |
| f. Ruang lingkup dan kedalaman pembahasan (30%) | 12 | | | 11,8 |
| g. Kecukupan dan kemutahiran data/informasi dan metodologi (30%) | 12 | | | 11,8 |
| h. Kelengkapan unsur dan kualitas terbitan/jurnal (30%) | 12 | | | 11,7 |
| **Total = (100%)** | | | | **39,1** |
| **Nilai Pengusul = 0,6 x 39,1 = 23,46** | | | | |

**Catatan Penilaian artikel oleh Reviewer :**

1. **<u>Kesesuaian dan kelengkapan unsur isi jurnal:</u>**
   Artikel sudah disajikan secara lengkap dan detail, didukung dengan hasil penelitian2 sebelumnya dari author
   .....
2. **<u>Ruang lingkup dan kedalaman pembahasan:</u>**
   Hasil yang didapat ditampilkan secara detail yang dilengkapi dengan tabel dan gambar yang baik dan menarik. Hasil yang diperoleh dibahas secara mendalam yang didasrkan pada bidang keahlian author
   .....
3. **<u>Kecukupan dan kemutakhiran data/informasi dan metodologi:</u>**
   Metodologi penelitian sudah dilakukan sesuai dengan prosedur dari penelitian sebelumnya yang sudah dikembangkan, sehingga kemutahirannya sudah cukup baik dengan didukung oleh pustaka2 yang baru.
   .....
4. **<u>Kelengkapan unsur dan kualitas terbitan:</u>**
   Kelebgkapan unsur-unsur penulisan sudah terpenuhi yang disajikan secara sistimatis. Artikel ditulis pada jurnal dari perguruan tinggi yang baik dan sudah masuk scopus Q3.
   .....

Semarang, 24 November 2022
Reviewer 2



Prof.Ir.Muslim, M.Sc, Ph.D
NIP. 196004041987031002
Unit Kerja: Fakultas Perikanan dan Ilmu Kelautan

# Source details

## Songklanakarin Journal of Science and Technology

Scopus coverage years: from 2006 to 2022
Publisher: Prince of Songkla University
ISSN: 0125-3395
Subject area: Multidisciplinary
Source type: Journal

CiteScore 2021
0.9

SJR 2021
0.176

SNIP 2021
0.452

View all documents > | Set document alert | Save to source list | Source Homepage

CiteScore | CiteScore rank & trend | Scopus content coverage

¡ Improved CiteScore methodology

CiteScore 2021 counts the citations received in 2018-2021 to articles, reviews, conference papers, book chapters and data papers published in 2018-2021, and divides this by the number of publications published in 2018-2021. Learn more >

### CiteScore 2021

$$0.9 = \frac{667 \text{ Citations 2018 - 2021}}{732 \text{ Documents 2018 - 2021}}$$

Calculated on 05 May, 2022

### CiteScoreTracker 2022

$$0.9 = \frac{692 \text{ Citations to date}}{762 \text{ Documents to date}}$$

Last updated on 05 March, 2023 • Updated monthly

### CiteScore rank 2021

| Category | Rank | Percentile |
|---|---|---|
| Multidisciplinary<br>Multidisciplinary | #66/120 | 45th |

View CiteScore methodology > | CiteScore FAQ > | Add CiteScore to your site


ISSN 0125-3395 (print)
ISSN 2408-1779 (online)
SJST
Songklanakarin
Journal of Science and Technology
Vol.44 No.4 July - August 2022
Indexed in
SCOPUS, Zoological Records
ACI, DOAJ and EBSCO
www.sjst.psu.ac.th
Published by Research and Development Office,
Prince of Songkla University, Thailand

# Editorial Board

## Executive Editor



## Associate Executive Editor



## Editor in Chief



## Associate Editors



## Editorial Board

## Editorial Assistants

## Journal Online Officer



About

About Us

Aim & Scope

**Editorial Board**

Peer Review Process

Reviewer Acknowledgements

Contact

## Search

Editorial Board Search

Search by First name, Last name, Affiliation, Country

Songklanakarin Journal of Science and Technology (SJST),

Research and Development Office (RDO),
Prince of Songkla University,
Hat Yai, Songkhla, 90112 Thailand

Tel: +6674-286-959
Mobile: +6666-0483836 / +6662-2276757

Research and Development Office (RDO)

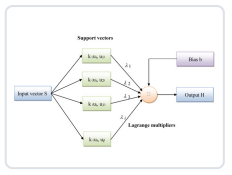
Email: sjst@psu.ac.th

**Songklanakarin Journal of Science and Technology (SJST)**

**Volume 44 No 4 July - August 2022**

**pp. 907 - 1163**

## Chimp optimization algorithm based support vector machine for congestion control in WSN-IoT

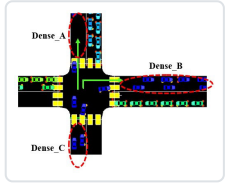


S. Parthasarathy and J. A. Smitha

DOI: 10.14456/sjst-psu.2022.121

pp. 907 - 913 PDF PDF w/Links

## An adaptive traffic light control system using reinforcement learning

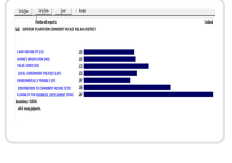


Kietikul Jearanaitanakij, Chanayut Jamkhaw, Nattapat Puangpipat, and Tot Worasrivisal

DOI: 10.14456/sjst-psu.2022.122

pp. 914 - 922 PDF PDF w/Links

## Analytical hierarchy process (AHP) in Expert Choice for determining superior plantation commodities: A case in East Kolaka Regency, Indonesia

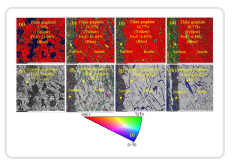


Dhian Herdhiansyah, Sudarmi, Sakir, Asriani, and La Ode Midi

DOI: 10.14456/sjst-psu.2022.123

pp. 923 - 928 PDF PDF w/Links

## Effects of cooling rate on impact properties and microstructure of gray cast iron ASTM A48

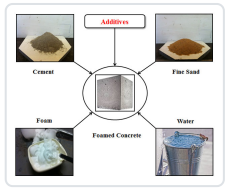


Ganwarich Pluphrach, Sombat Teekasap, Tirawat Amornthatri, Teerapath Limboonruang, Tri Kharanan, and Kanviroon Pluphrach

DOI: 10.14456/sjst-psu.2022.124

pp. 929 - 935 PDF PDF w/Links

## Physical and mechanical properties of foamed concrete, a literature review

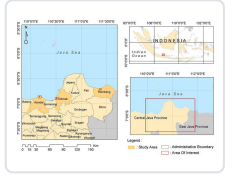



Yogesh Tambe and Pravin Nemade

DOI: 10.14456/sjst-psu.2022.125

pp. 936 - 944 PDF PDF w/Links

## Molecular characterization of vibriosis associated bacteria from traditional mud-crab farmed in the North Coast of Central Java, Indonesia

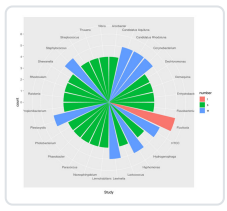


Sarjito Sarjito, Alfabetian Harjuno Condro Haditomo, Slamet Budi Prayitno, Aninditia Sabdaningsih, Desrina, and Restiana Wisnu Ariyati

DOI: 10.14456/sjst-psu.2022.126

pp. 945 - 952 PDF PDF w/Links

## Integrated analysis of the structure and function of bacterial community in water and shrimp intestine microbes reveals their interaction

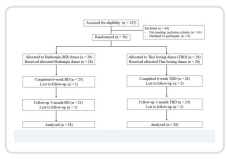


Xinhao Fan, Yinghui Chai, Xuying Jia, and Wenli Zhou

DOI: 10.14456/sjst-psu.2022.127

pp. 953 - 962 PDF PDF w/Links

## Efficacy of Baduanjin dance versus thai boxing dance on clinical-related outcomes and balance ability among patients with knee osteoarthritis: A randomized, single-blinded comparative trial

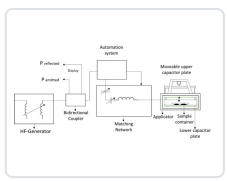


Titi Phanjaroen, Pattanasin Areeudomwong, Vitsarut Buttagat, and Sinee Tantasatityanon

DOI: 10.14456/sjst-psu.2022.128

pp. 963 - 970 PDF PDF w/Links

## Radiofrequency thermal control of *Sitophilus oryzae* L. (Coleoptera: Curculionidae) in stored new rice for Africa



Agbesi Kwadzo Keteku and Suchada Dana

DOI: 10.14456/sjst-psu.2022.129

pp. 971 - 978 PDF PDF w/Links

## Synthesis and characterization of zinc doped beryllium oxide: Ethylene glycol nanofluids

P. Prakash, J. Catherine Grace John, T. Merita Anto Britto, S. Rubila, and A. Kingson Solomon Jeevaraj

DOI: 10.14456/sjst-psu.2022.130

pp. 979 - 986 PDF PDF w/Links

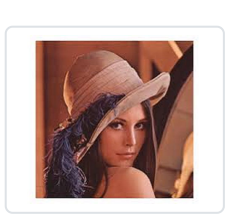
## Bipolar picture fuzzy sets and relations with applications

Waheed Ahmad Khan, Khurram Faiz, and Abdelghani Taouti

DOI: 10.14456/sjst-psu.2022.131

pp. 987 - 999 PDF PDF w/Links

## Image encryption using quantum spinning and trigonometric chaotic map

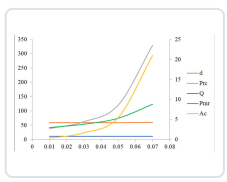


Kawinbhat Sirikantisophon, Mahwish Bano, and Thammarat Panityakul

DOI: 10.14456/sjst-psu.2022.132

pp. 1000 - 1007 PDF PDF w/Links

## Two echelon inventory models with the market price, advertisement, and discount sensitive demand in the non-co-operative environment



Shiv Kumar Singh Pundhir, Jitendra Kaushik, Anand Kumar Gupta, and Sandeep Kumar

DOI: 10.14456/sjst-psu.2022.133

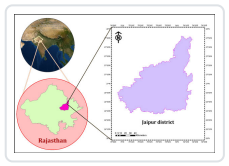
pp. 1008 - 1017 PDF PDF w/Links

## Quadripartitioned single valued neutrosophic sets with covering based rough sets and their matrix representation

Somen Debnath

DOI: 10.14456/sjst-psu.2022.134

pp. 1018 - 1031 PDF PDF w/Links

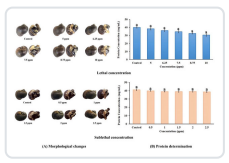


## Assessing role of LULC change in inducing UHI in Jaipur district, Rajasthan, India: A case study from 2009 – 2019

Tanisha Ameriya, Udit Asopa, and Charu Jhamaria

DOI: 10.14456/sjst-psu.2022.135

pp. 1032 - 1039 PDF PDF w/Links

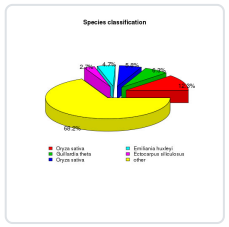


## Adverse effects of cypermethrin on golden apple snails (*Pomacea canaliculata*) and their eggs, and application of Acetylcholinesterase (AChE) as biomarker

Phochit Nanthanawat, Samnao Saowakoon, Witchuda Prasatkaew, Amnuay Wattanakornsiri, Jakkaphun Nanuam, Chayapol Meeprom, and Chutima Thanomsit

DOI: 10.14456/sjst-psu.2022.136

pp. 1040 - 1047 PDF PDF w/Links

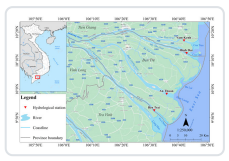



## Transcriptome profile and pathway analysis of starch and sucrose metabolism in *Euglena gracilis*

Wenhui Zhang, Wen Jye Mok, Jinwei Gao, Yeong Yik Sung, and Wenli Zhou

DOI: 10.14456/sjst-psu.2022.137

pp. 1048 - 1056 PDF PDF w/Links

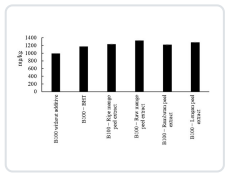


## Long short-term memory (LSTM) neural networks for short-term water level prediction in Mekong river estuaries

Thai Thanh Tran, Liem Duy Nguyen, Pham Ngoc Hoai, Quoc Bao Pham, Phan Thi Thanh Huyen, Nguyen Phuong Dong, Ha Hoang Hieu, and Nguyen Thu Hien

DOI: 10.14456/sjst-psu.2022.138

pp. 1057 - 1066 PDF PDF w/Links

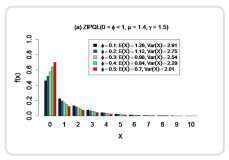


## Screening for phenolic compounds and oxidative capacity of fruit peels, agricultural waste, and traditional herbal medicine for use as biodiesel fuel additive

Netnapa Chana, Atcharaporn Muengpoon, Siriphat Pethkaew, Nattawadee Kulsin, Achariya Mahasuk, and Sirirat Srirat

DOI: 10.14456/sjst-psu.2022.139

pp. 1067 - 1074 PDF PDF w/Links

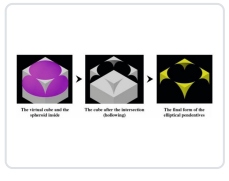


## Multi-objective optimal design of multiple dependent state sampling plan for over-dispersed data under the condition on a new zero-inflated distribution

Wimonmas Bamrungsetthapong and Sirinapa Aryuyuen

DOI: 10.14456/sjst-psu.2022.140

pp. 1075 - 1085 PDF PDF w/Links

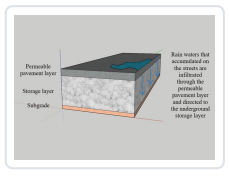


## Optimization of a heavy-duty elevated thin shell structure

Azizah Abdul Nassir, Yee Hooi Min, Arthit Petchsasithon, and Syahrul Fithry Senin

DOI: 10.14456/sjst-psu.2022.141

pp. 1085 - 1090 PDF PDF w/Links



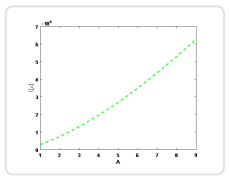
## Mitigating street flooding with permeable structures: A modelling case study

Darrien Y. S. Mah, Rosmina A. Bustami, F. J. Putuhena Putuhena, and M. Al Dianty

DOI: 10.14456/sjst-psu.2022.142

pp. 1091 - 1098 PDF PDF w/Links

## Information entropic measures for a trigonometric inversely quadratic plus Coulombic Hyperbolic Potential

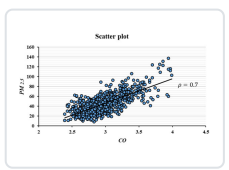


Clement Atachegbe Onate, Babatunde James Falaye, and Abimbola Abolarinwa

DOI: 10.14456/sjst-psu.2022.143

pp. 1099 - 1108 PDF PDF w/Links

## A chain regression exponential type imputation method for mean estimation in the presence of missing data

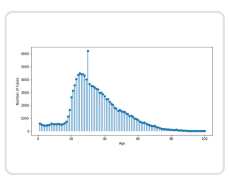


Kanisa Chodjuntug and Nuanpan Lawson

DOI: 10.14456/sjst-psu.2022.144

pp. 1109 - 1118 PDF PDF w/Links

## Thailand COVID-19 pandemic data analysis using big data technology

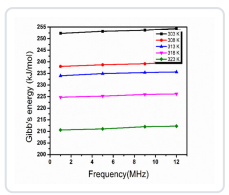


Karma Wangchuk and Jirarat Ieamsaard

DOI: 10.14456/sjst-psu.2022.145

pp. 1119 - 1124 PDF PDF w/Links

## Thermoacoustical parameters of dextran polymer in sodium hydroxide solutions

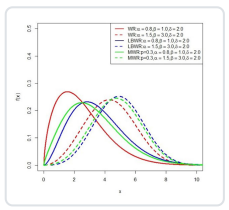


Subhraraj Panda

DOI: 10.14456/sjst-psu.2022.146

pp. 1125 - 1130 PDF PDF w/Links

## A mixture Weibull-Rayleigh distribution and its application

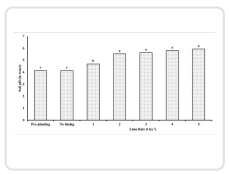


Tanachot Chaito, Nawapon Nakharutai, Sirima Suwan, Lampang Saenchan, and Manad Khamkong

DOI: 10.14456/sjst-psu.2022.147

pp. 1131 - 1144 PDF PDF w/Links

## Canary melon *(Cucumis melo L. var. Inodorus)* response to lime-amended acid soil in the humid tropical rainforest of Nigeria

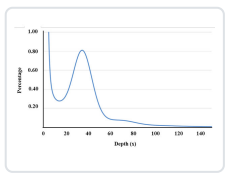


Ekemini Obok, Emmanuel Macha, Francis Nwagwu, and Donatus Uwah

DOI: 10.14456/sjst-psu.2022.148

pp. 1145 - 1152 PDF PDF w/Links

## Genome survey report of Thai ricefish ( Oryzias minutillus) (Actinopterygii: Beloniformes)



Arin Ngamniyom and Kun Silprasit

DOI: 10.14456/sjst-psu.2022.149

pp. 1153 - 1158 PDF PDF w/Links

## Effectiveness of radiation shielding and effective doses of radiological technologists during PET/CT scans at the National Cyclotron and PET Centre, Chulabhorn Hospital: A phantom study

Phornpailin Pairodsantikul, Paramest Wongsa, Waraporn Sudchai, Paphawarin Burasothikul, Chanapa Saegpitak, Suthida Srima, and Monchaya Nivorn

DOI: 10.14456/sjst-psu.2022.150

pp. 1159 - 1163 PDF PDF w/Links