BUKTI KORESPONDENSI ARTIKEL JURNAL_MACROBRACHIUM

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Original Article

Growth patterns and relative condition factor of *Macrobrachium* species from Sungai Batang River, Indonesia

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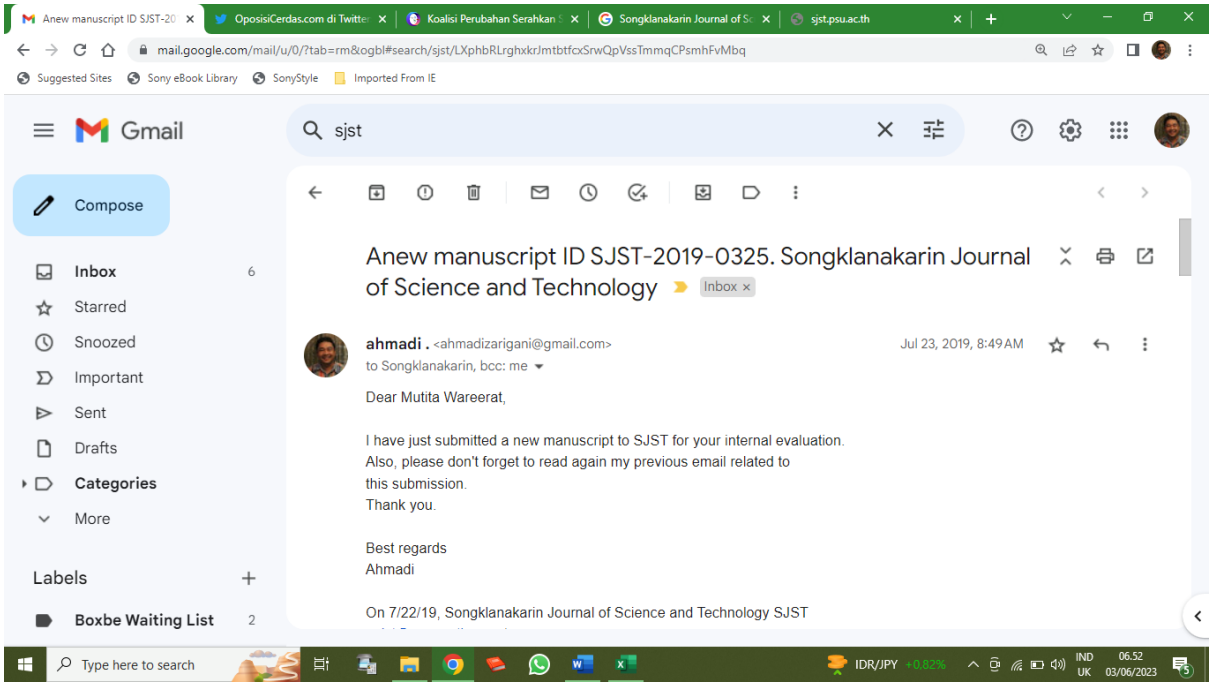
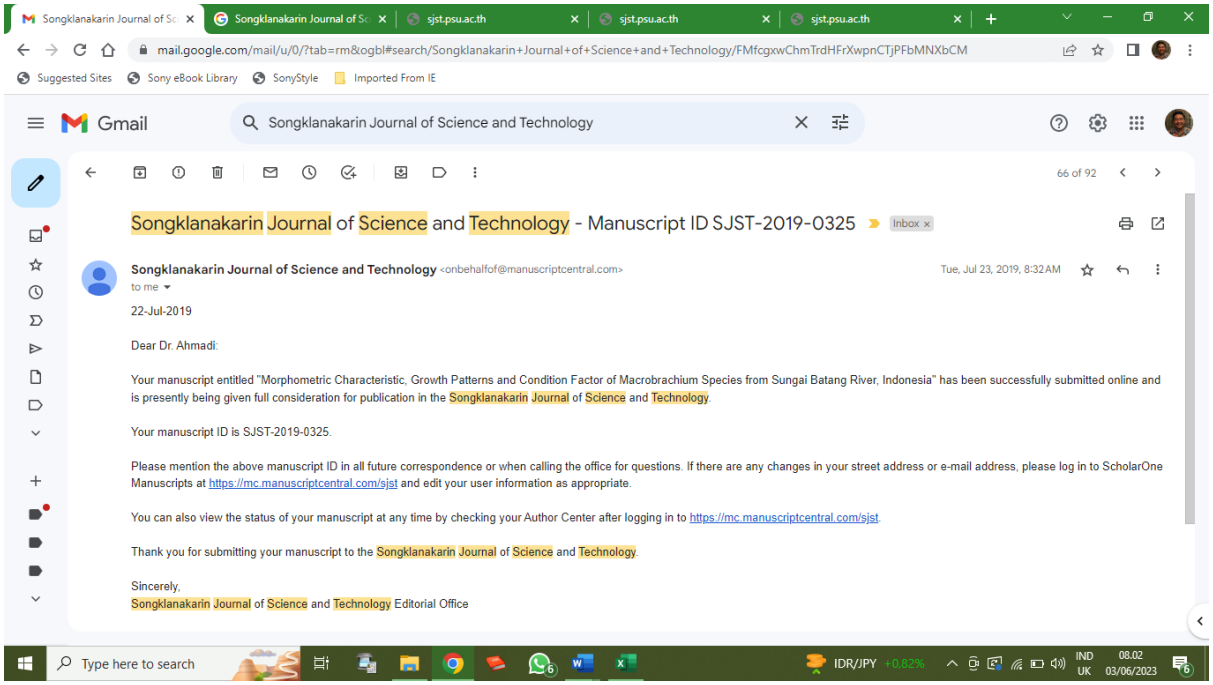
Received: 27 December 2019; Accepted: 8 April 2020

Abstract

The present study provides the first reference for the growth patterns and relative condition factor of *Macrobrachium* species from Sungai Batang River, Indonesia. A total of 328 specimens, caught by using wire-stage trap, consisted of 83 males (25%) and 245 females (75%) with the sex ratio of 1:3. *Macrobrachium* species showed a negative allometric growth pattern (b = 1.94-2.14). The highest percentage of catch falls between 90-94 mm TL (38.55%) and weighted between 9-10 g (46.99%). The average total length and body weight of male were 1.1 and 1.4 times greater than those of female computed by comparing the said body sizes of shrimp. Male had total length, carapace length, abdominal length and chelae length longer than female. The mean relative condition factor values ranged of 0.96 ± 0.17 and 1.01 ± 0.16, reflecting well-being of the species. Outcome of research could be useful for sustainable fisheries management and conservation measures for *Macrobrachium* species in this river. In addition, a new fishing method was also introduced to improve fishing efficiency.

Keywords: *Macrobrachium* species, growth pattern, relative condition factor, wire-stage trap, Sungai Batang River





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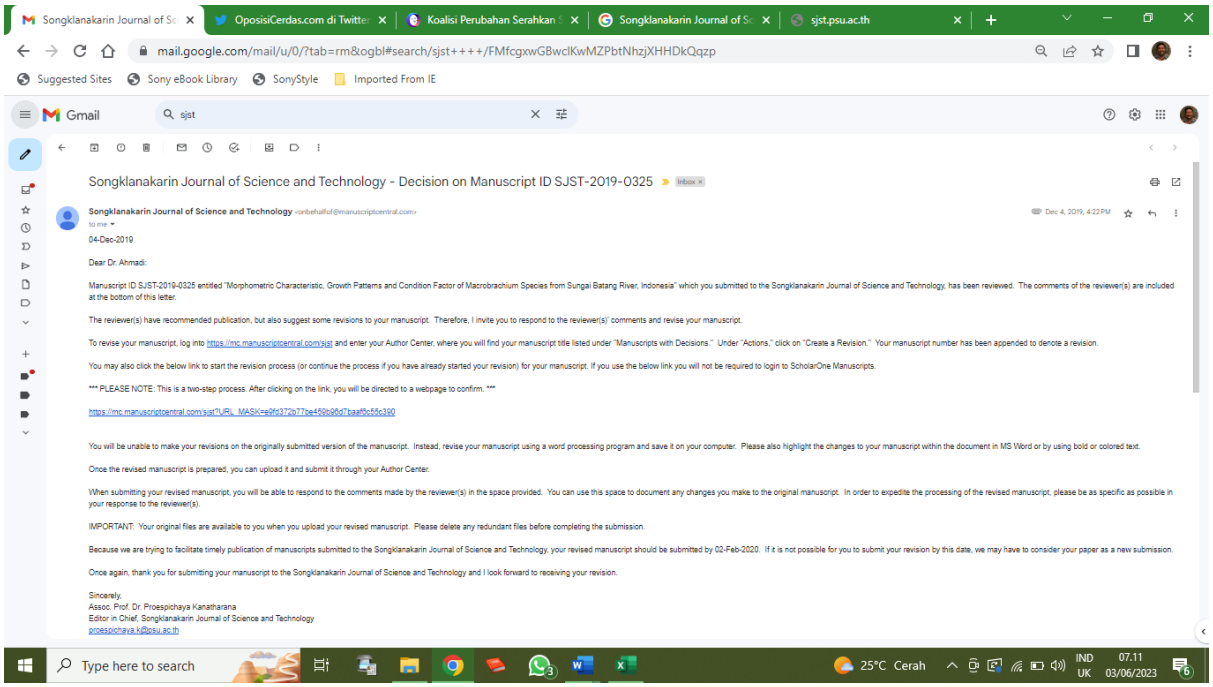

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04-Dec-2019

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Manuscript ID SJST-2019-0325 entitled "Morphometric Characteristic, Growth Patterns and Condition Factor of Macrobrachium Species from Sungai Batang River, Indonesia" which you submitted to the Songklanakarin Journal of Science and Technology, has been reviewed. The comments of the reviewer(s) are included at the bottom of this letter.

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To revise your manuscript, log into https://mc.manuscriptcentral.com/sjst and enter your Author Center, where you will find your manuscript title listed under "Manuscripts with Decisions." Under "Actions," click on "Create a Revision." Your manuscript number has been appended to denote a revision.

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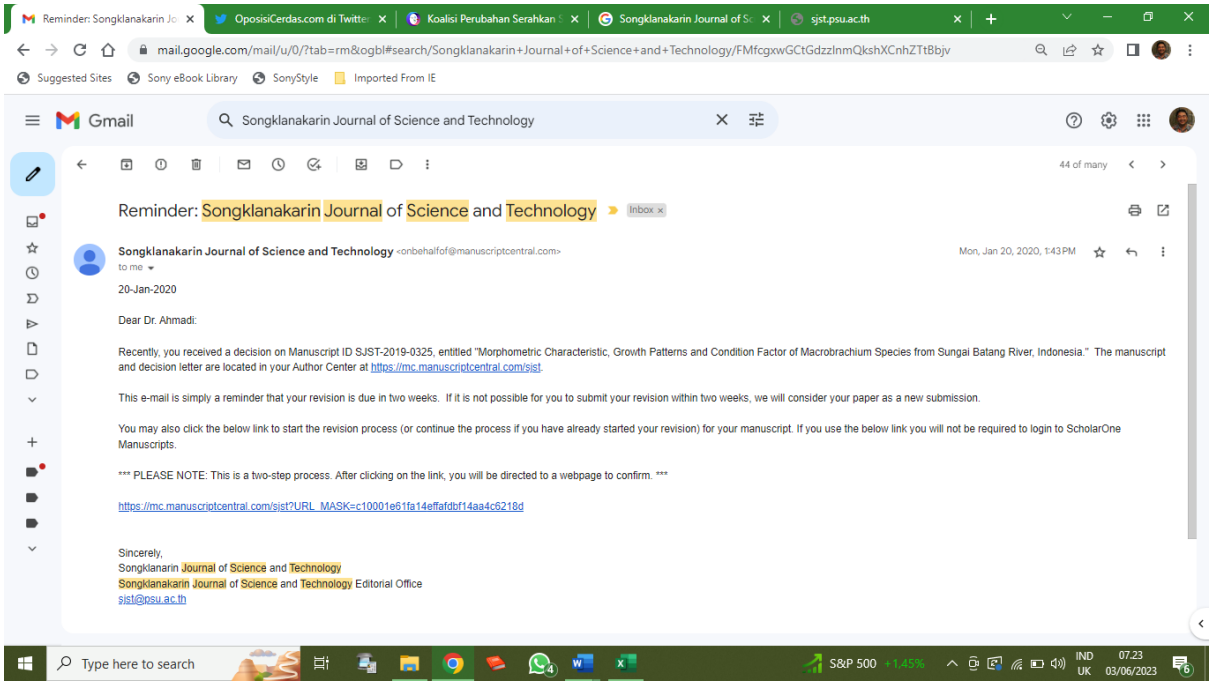

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20-Jan-2020

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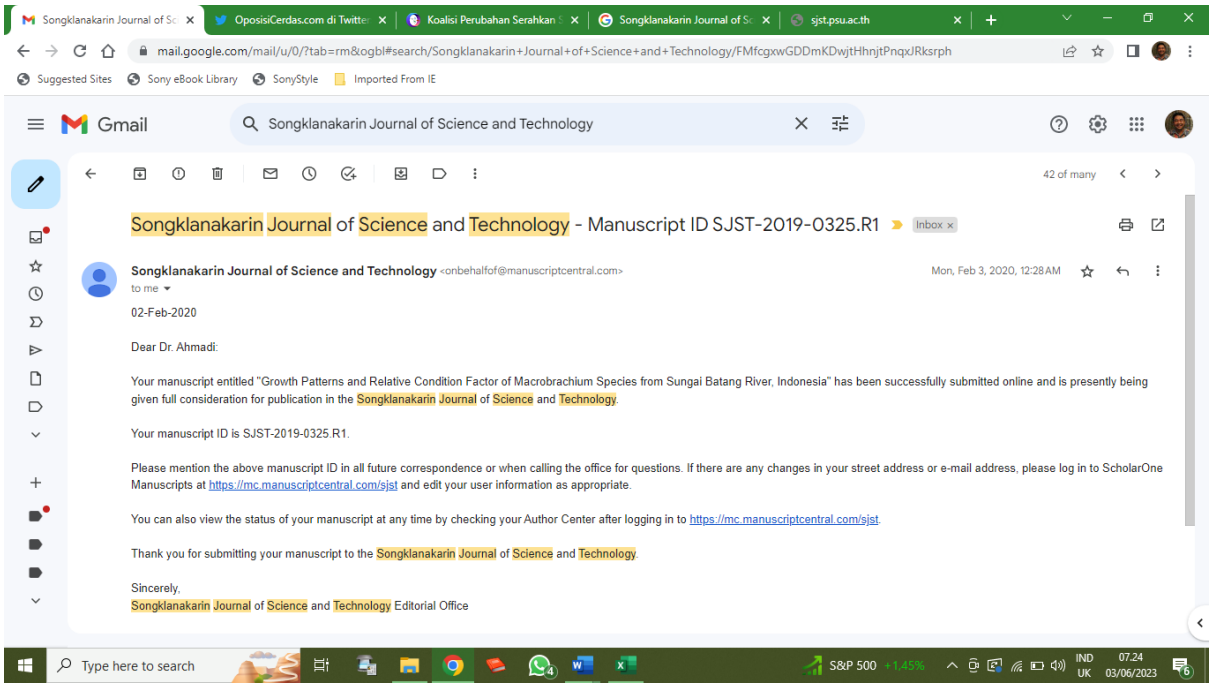

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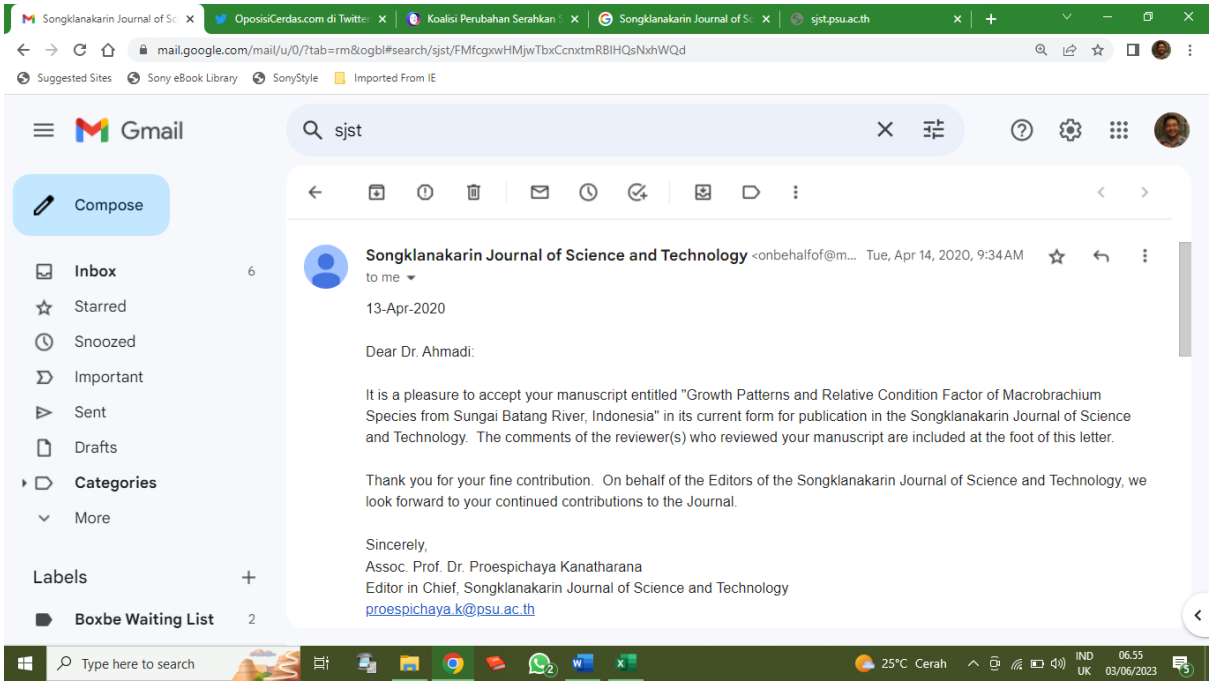
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13-Apr-2020
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It is a pleasure to accept your manuscript entitled "Growth Patterns and Relative Condition Factor of Macrobrachium Species from Sungai Batang River, Indonesia" in its current form for publication in the Songklanakarin Journal of Science and Technology. The comments of the reviewer(s) who reviewed your manuscript are included at the foot of this letter.
Thank you for your fine contribution. On behalf of the Editors of the Songklanakarin Journal of Science and Technology, we look forward to your continued contributions to the Journal.
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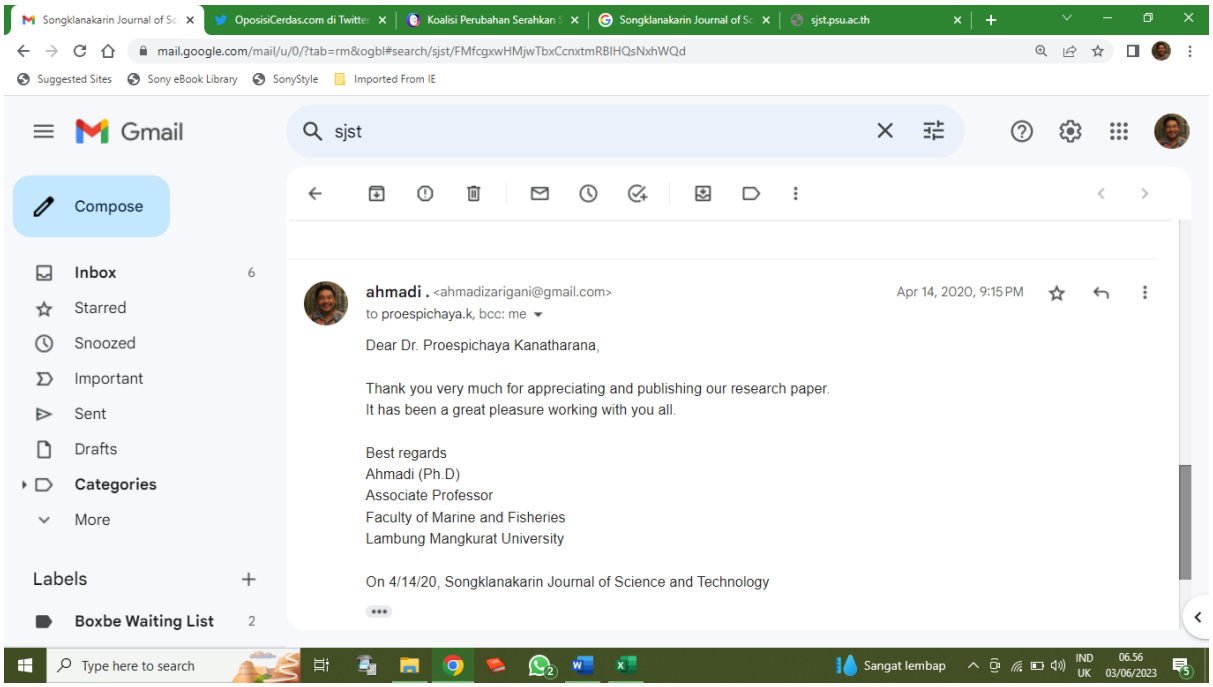
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Dear Dr. Proespichaya Kanatharana,
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It has been a great pleasure working with you all.
Best regards
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Faculty of Marine and Fisheries
Lambung Mangkurat University
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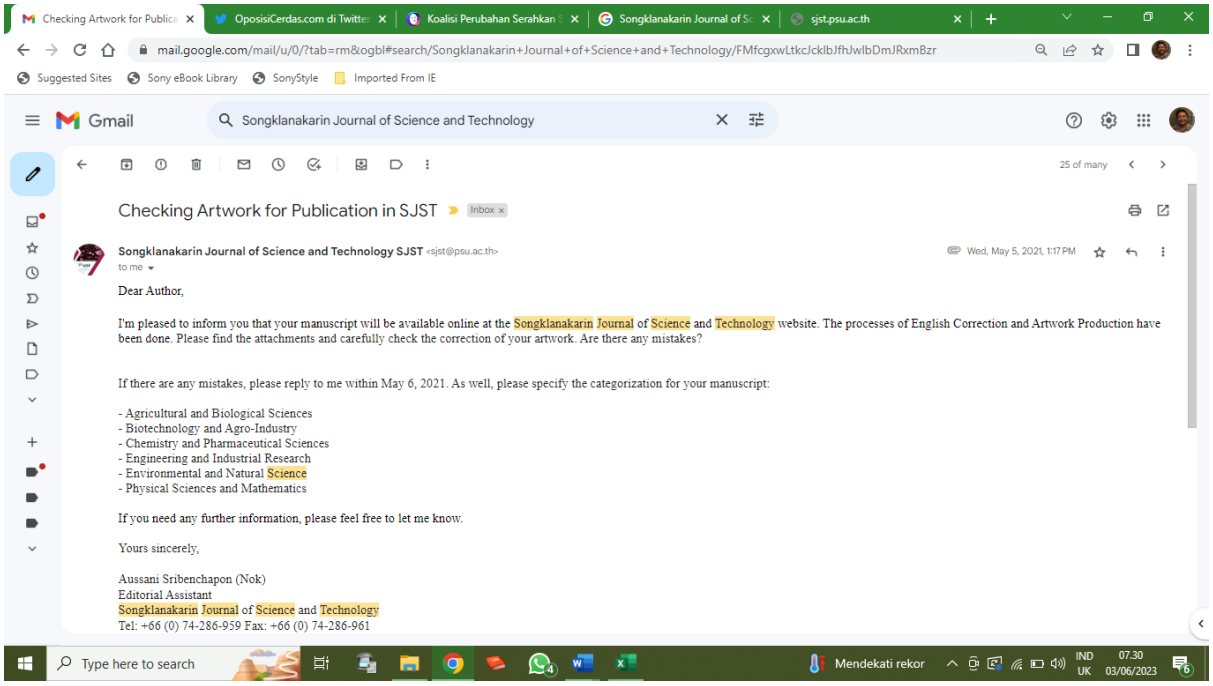

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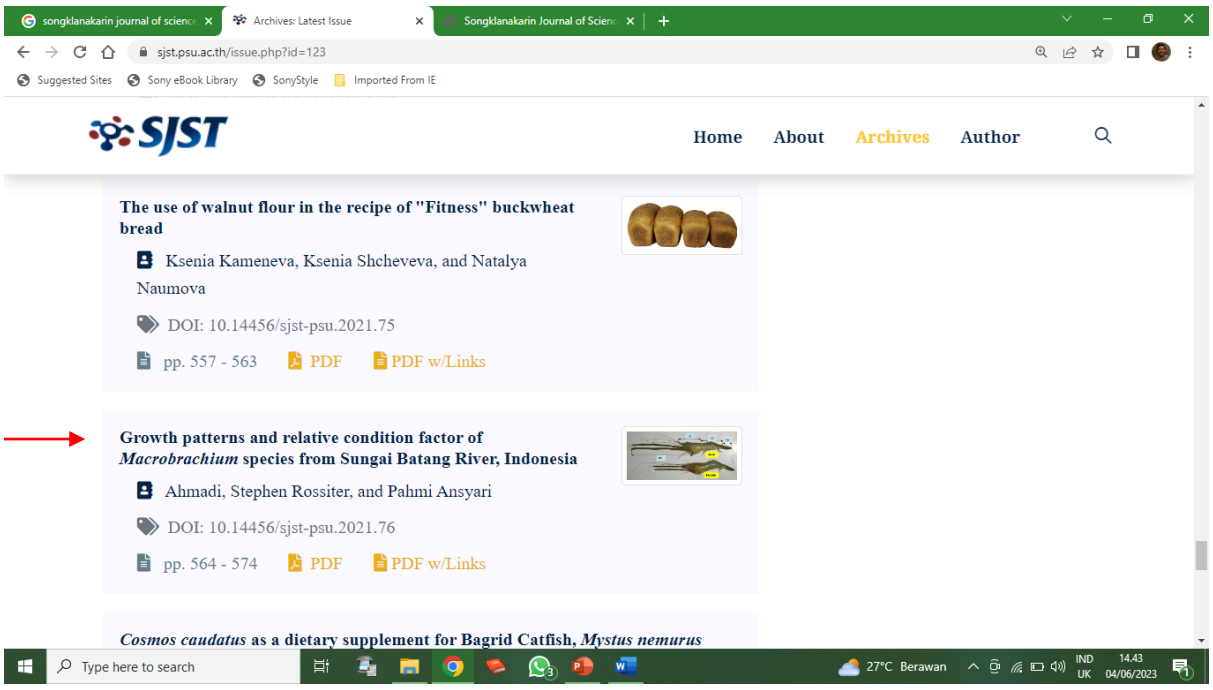

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Growth patterns and relative condition factor of *Macrobrachium* species from Sungai Batang River, Indonesia

Ahmadi, Stephen Rossiter, and Pahmi Ansyari

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