

**Articles by JSMB Members in MARINE BIOTECHNOLOGY (Original Articles)**

(Updated on 3 April 2019)

**First Online****Physiological Properties of Photoautotrophic Microalgae and Cyanobacteria Relevant to Industrial Biomass Production**

Mikio Tsuzuki, Katsuhiko Okada, Haruna Isoda, Masayuki Hirano, Tetsuo Odaka,  
Hiroataka Saijo, Risa Aruga, Hiroki Miyauchi, Shoko Fujiwara

First Online: 29 March 2019

<https://doi.org/10.1007/s10126-019-09890-1>**Detection of Growth-Related Quantitative Trait Loci and High-Resolution Genetic Linkage Maps Using Simple Sequence Repeat Markers in the Kelp Grouper (*Epinephelus bruneus*)**

Kanonporn Kessuwan, Satoshi Kubota, Qi Liu, Motohiko Sano, Nobuaki Okamoto,  
Takashi Sakamoto, Hirofumi Yamashita, Yoji Nakamura, Akiyuki Ozaki

First Online: 7 January 2016

<https://doi.org/10.1007/s10126-015-9679-z>**Volume 21, Issue 2 (April), 2019****2. Phosphate Enrichment Hampers Development of Juvenile *Acropora digitifera* Coral by Inhibiting Skeleton Formation**

Mariko Iijima, Ko Yasumoto, Jun Yasumoto, Mina Yasumoto-Hirose, Nami Kuniya,  
Ryota Takeuchi, Masashi Nozaki, Nobuyoshi Nanba, Takashi Nakamura, Mitsuru Jimbo,  
Shugo Watabe

April 2019, Volume 21, Issue 2, pp 291-300

<https://doi.org/10.1007/s10126-019-09880-3>**Volume 21, Issue 1 (February), 2019****1. *Ruegeria* sp. Strains Isolated from the Reef-Building Coral *Galaxea fascicularis* Inhibit Growth of the Temperature-Dependent Pathogen *Vibrio coralliilyticus***

Natsuko Miura, Keisuke Motone, Toshiyuki Takagi, Shunsuke Aburaya, Sho Watanabe,  
Wataru Aoki, Mitsuyoshi Ueda  
February 2019, Volume 21, Issue 1, pp 1-8  
<https://doi.org/10.1007/s10126-018-9853-1>

**Note:**

・「マリンバイオテクノロジー学会員」が著者に含まれている Marine Biotechnology 誌掲載論文は、「マリンバイオテクノロジー学会論文賞」の対象となります。そのため、学会員の氏名に下線を付してあります。

・論文賞に選考された場合、次年度学会大会における授賞式での登壇者・記念講演者は「学会員に限る」こととなっていますので、あらかじめご了承ください。

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(Updated on 27 November 2018)

**First Online****Detection of Growth-Related Quantitative Trait Loci and High-Resolution Genetic Linkage Maps Using Simple Sequence Repeat Markers in the Kelp Grouper (*Epinephelus bruneus*)**Kanonporn Kessuwan, Satoshi Kubota, Qi Liu, Motohiko Sano, Nobuaki Okamoto, Takashi Sakamoto, Hirofumi Yamashita, Yoji Nakamura, Akiyuki Ozaki

First Online: 7 January 2016

<https://doi.org/10.1007/s10126-015-9679-z>**Volume 20, Issue 6 (December), 2018****10. Effects of 5-Aminolevulinic Acid on Gene Expression, Immunity, and ATP Levels in Pacific White Shrimp, *Litopenaeus vannamei***Ivane R. Pedrosa-Gerasmio, Tohru Tanaka, Asuka Sumi, Hidehiro Kondo, Ikuo Hirono

December 2018, Volume 20, Issue 6, pp 829–843

<https://doi.org/10.1007/s10126-018-9852-2>**Volume 20, Issue 5 (October), 2018****9. Comparison of Two Pearl Sacs Formed in the Same Recipient Oyster with Different Genetic Background Involved in Yellow Pigmentation in *Pinctada fucata***Mikihiro Shinohara, Shigeharu Kinoshita, Enkong Tang, Daisuke Funabara,Makoto Kakinuma, Kaoru Maeyama, Kiyohito Nagai, Masahiko Awaji, Shugo Watabe,

Shuichi Asakawa

October 2018, Volume 20, Issue 5, pp 594–602

<https://doi.org/10.1007/s10126-018-9830-8>**Volume 20, Issue 4 (August), 2018**

**8. Identification, Characterization, and Mapping of a Novel SNP Associated with Body Color Transparency in Juvenile Red Sea Bream (*Pagrus major*)**

Eitaro Sawayama, Daiki Noguchi, Kei Nakayama, Motohiro Takagi

August 2018, Volume 20, Issue 4, pp 481–489

<https://doi.org/10.1007/s10126-018-9810-z>

**7. Discolored Red Seaweed *Pyropia yezoensis* with Low Commercial Value Is a Novel Resource for Production of Agar Polysaccharides**

Keiji Sasuga, Tomoya Yamanashi, Shigeru Nakayama, Syuetsu Ono, Koji Mikami

August 2018, Volume 20, Issue 4, pp 520–530

<https://doi.org/10.1007/s10126-018-9823-7>

**6. Protection of Coral Larvae from Thermally Induced Oxidative Stress by Redox Nanoparticles**

Keisuke Motone, Toshiyuki Takagi, Shunsuke Aburaya, Wataru Aoki, Natsuko Miura, Hiroyoshi Minakuchi, Haruko Takeyama, Yukio Nagasaki, Chuya Shinzato, Mitsuyoshi Ueda

August 2018, Volume 20, Issue 4, pp 542–548

<https://doi.org/10.1007/s10126-018-9825-5>

**5. LexA Binds to Transcription Regulatory Site of Cell Division Gene *ftsZ* in Toxic Cyanobacterium *Microcystis aeruginosa***

Takashi Honda, Daichi Morimoto, Yoshihiko Sako, Takashi Yoshida

August 2018, Volume 20, Issue 4, pp 549–556

<https://doi.org/10.1007/s10126-018-9826-4>

**Volume 20, Issue 3 (June), 2018**

**4. Involvement of Acidic Polysaccharide Ph-PS-2 and Protein in Initiation of Coccolith Mineralization, as Demonstrated by In Vitro Calcification on the Base Plate**

Shunto Sakurada, Shoko Fujiwara, Michio Suzuki, Toshihiro Kogure, Tatsuya Uchida, Tomonari Umemura, Mikio Tsuzuki

Marine Biotechnology (2018) 20: 304–312

June 2018, Volume 20, Issue 3, pp 304–312

<https://doi.org/10.1007/s10126-018-9818-4>

**Volume 20, Issue 2 (April), 2018****3. Glycogen Production in Marine Cyanobacterial Strain *Synechococcus* sp. NKBG 15041c**

Amr Badary, Shouhei Takamatsu, Mitsuharu Nakajima, Stefano Ferri, Peter Lindbald, Koji Sode

April 2018, Volume 20, Issue 2, pp 109–117 (Short Communication)

<https://doi.org/10.1007/s10126-017-9792-2>

**2. Novel Isoforms of N16 and N19 Families Implicated for the Nacreous Layer Formation in the Pearl Oyster *Pinctada fucata***

Fumito Ohmori, Shigeharu Kinoshita, Daisuke Funabara, Hiroki Koyama, Kinohito Nagai, Kaoru Maeyama, Kikuhiko Okamoto, Shuichi Asakawa, Shugo Watabe

April 2018, Volume 20, Issue 2, pp 155–167

<https://doi.org/10.1007/s10126-017-9793-1>

**1. Visualization of Endoplasmic Reticulum and Mitochondria in *Aurantiochytrium limacinum* by the Expression of EGFP with Cell Organelle-Specific Targeting/Retaining Signals**

Nozomu Okino, Hiroyoshi Wakisaka, Yohei Ishibashi, Makoto Ito

April 2018, Volume 20, Issue 2, pp 182–192

<https://doi.org/10.1007/s10126-018-9795-7>

**Volume 20, Issue 1 (February), 2018**

No articles by the Society members

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（英文ページ用）

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