

**LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG (PEER REVIEW)
KARYA ILMIAH: PROSIDING**

Judul Karya Ilmiah : The reduction of cadmium concentration by Oscillatoria microalgae in a culture media
 Jumlah Penulis : Hentiana, Doni Setiawan, Risfidian Mohadi, Hermansyah, Hilda Zulkifli
 Identitas Prosiding : a. Nama Prosiding : The 2nd International conference on chemistry and material science (IC2MS)
 b. ISBN/ISSN : 17426588/ 17426596
 c. Nomor/Volume/Hal : 833/ 2020/ 012015
 d. Penerbit : IOP Publishing Ltd
 e. Jumlah Halaman : 8

Kategori Publikasi Jurnal Ilmiah : Prosiding Forum Ilmiah Internasional
 (Beri \checkmark pada kategori yang tepat) Prosiding Forum Ilmiah Nasional
 Makalah tidak disajikan dalam seminar/symposium.lokakarya, tetapi dimuat dalam prosiding internasional
 Makalah tidak disajikan dalam seminar/symposium.lokakarya, tetapi dimuat dalam prosiding nasional
 Makalah disajikan dalam seminar internasional (Tetapi tidak dimuat dalam prosiding)
 Makalah disajikan dalam seminar nasional (Tetapi tidak dimuat dalam prosiding)

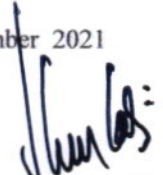
I. Hasil Penilaian Validasi:

No.	ASPEK	URAIAN/KOMENTAR PENILAIAN
1	Indikasi Plagiasi	Similaritas menggunakan Ithenticate 15% Tidak terindikasi adanya plagiasi
2	Linieritas	Linier bidang Kimia

II. Hasil Penilaian Peer Review:

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah (Isikan di kolom yang sesuai)						Nilai Akhir Yang Diperoleh
	Prosiding Forum Ilmiah Internasional (Maks. 30)	Prosiding Forum Ilmiah Nasional	Makalah Tidak diseminarkan tetapi dimuat dalam prosiding internasional	Makalah Tidak diseminarkan tetapi dimuat dalam prosiding nasional	Makalah disajikan dalam seminar internasional (Tetapi tidak dimuat dalam prosiding)	Makalah disajikan dalam seminar nasional (Tetapi tidak dimuat dalam prosiding)	
Kelengkapan dan Kesesuaian unsur isi paper (10 %)	3,0						2,0
Ruang Lingkup dan kedalaman pembahasan (30 %)	9,0						6,0
Kecukupan dan Kemutakhiran data/Informasi dan metodologi (30 %)	9,0						6,0
Kelengkapan unsur dan Kualitas penerbit / prosiding (30 %)	9,0						6,0
Total = (100 %)	30,0						20,0
Kontribusi Pengusul (Penulis Pertama/Anggota Utama)	Penulis ke-4 dari 5 orang = $(0,4 \times 20,0)/4 = 2,0$						
KOMENTAR/ULASAN PEER REVIEW							
- Kelengkapan dan Kesesuaian Unsur	Baik. Artikel prosiding dengan unsurnya sesuai, ditulis mengikuti template Journal of Meterials Science and Engineering, IOP conference						
- Ruang Lingkup dan Kedalaman Pembahasan	Baik dalam Pembahasan reduksi Cd menggunakan mikroalga Oscillatoria						
- Kecukupan & Kemutakhiran Data & Metodologi	Baik dalam Kecukupan dan kemutakhiran data serta metodologi						
- Kelengkapan Unsur & Kualitas Penerbit	Prosiding internasional terindeks scopus, SJR 0,198 (tahun 2019), konferensi bersifat internasional diikuti lebih dari 4 negara, dan ada editorial board berasal dari negara lain, diterbitkan oleh IOP Publishing Ltd.						

Bandung, September 2021
 Penilai I,



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 Bidang Ilmu : Kimia (Biokimia)
 Jabatan/Pangkat : Guru Besar / Pembina Utama/ (IV/e)

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Total = (100 %)	30,0						20,0
Kontribusi Pengusul (Penulis Pertama/Anggota Utama)	Penulis ke-4 dari 5 orang = $(0,4 \times 20,0)/4 = 2,0$						

KOMENTAR/ULASAN PEER REVIEW

- Kelengkapan dan Kesesuaian Unsur	Artikel proseding dengan unsurnya sesuai terdiri atas abstract, introduction, experimental method, results and discussion, conclusion, acknowledgement, references
- Ruang Lingkup dan Kedalaman Pembahasan	Ruang lingkup dan kedalaman pembahasan pengurangan Cadmium dengan microalga jelas
- Kecukupan & Kemutakhiran Data & Metodologi	Kecukupan dan kemutakhiran data metodologi jelas, konsentrasi Cd ditentukan dengan AAS.
- Kelengkapan Unsur & Kualitas Penerbit	Proseding journal Materials Sciences and Engineering adalah proseding internasional terindeks scopus, SJR 0,198 tahun 2019, Editorial board berasal dari Malaysia, Jepang, Australia, Thailand, dan Indonesia. Peserta konferensi dari 7 negara. Penerbit IOP Publishing Ltd

Jakarta, 3 September 2021

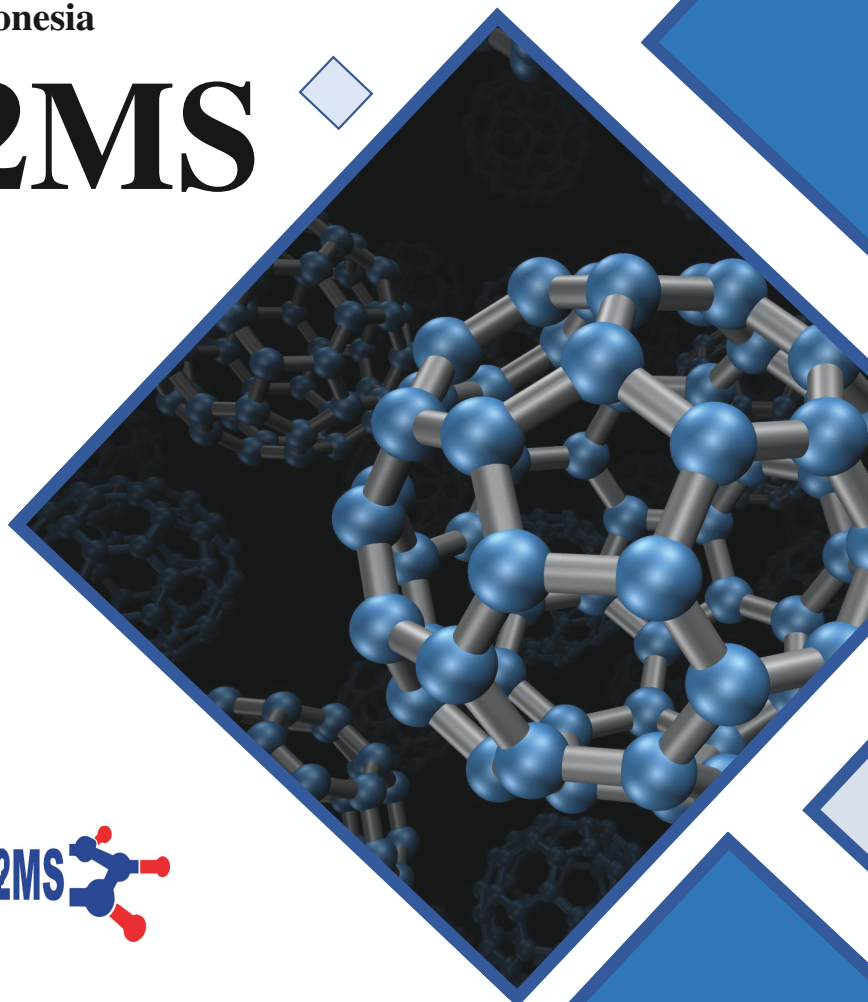
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 Bidang Ilmu : Kimia (Biokimia)
 Jabatan/Pangkat : Guru Besar / Pembina Utama (IV/e)



2-3 November 2019
Malang, Indonesia

IC2MS



The 2nd International Conference
on Chemistry and Material Science



PREFACE

Chemistry is often regarded as the central of science, while material science is considered as the mother of technology. The pair holds an important role in advancing the quality of life, environment, and welfare. The International Conference on Chemistry and Material Science (IC2MS) is organized to provide an international platform for promoting mutual exchange between scientists, discussing innovative ideas in scientific research, and as a building block for academicians to expand their global perspective and to initiate collaboration, and for government and industrial sectors to update their information with the newest research findings for their future research-based plans and policies.

This year, the conference is organized by the Department of Chemistry, Faculty of Science, Brawijaya University, in collaboration with Chemistry Departments of State University of Malang, Jember University, and Ma Chung University. The 2nd IC2MS was held on 2-3 November 2019 with a theme of “Advancing to the Frontier of Innovation in Chemistry and Material Science”. The conference covers not only in chemistry area (Organic, Inorganic, Physical, Analytical, Biochemistry), but also promote papers in material science such as molecular science, functional material, material synthesis and characterisation, nanomaterials and nanodevices, as well as renewable energy and fuel cell.

This conference presents 4 plenary lectures by the keynote speakers, 16 parallel sessions (including invited speakers), and two poster sessions. In total, 220 titles were presented during this conference. The organising committee was also had to rejected some submitted abstracts due to the limited time and venue capacity. Participants were coming from seven different countries and more than 40 national and international universities/institutions (Figure 1). There are also 10 best and favourite (student) posters awarded in this event.

The organising committee of the 2nd IC2MS are greatly appreciating and thanking to all people involve in this event for their active participation and supports. To all keynote and invited speakers, thank you for sharing your research achievements. To the PPIKID of UB for the great financial commitment, and to the Department of Chemistry, Faculty of Mathematics and Natural Sciences (FMIPA), Brawijaya University, for every support given during this event. We also would like to acknowledge all co-host universities and the Savana Hotel of Malang, thank you for the cooperation and assistance. Thank you and may this event give benefits to all. See you in the 3rd IC2MS 2020.

Best Regards,

Dr. Yuniar Ponco Prananto, MSc
Chairman of the 2nd IC2MS 2019

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List of Keynote Speakers

- Keynote speaker 1 : Prof. Ibrahim bin Jantan (*Scopus docs* = 176; *h-index* = 25)
Taylor's University, Malaysia
Moderator: Dr. Elvina D. Iftitah, MSi
- Keynote speaker 2 : Dr. David R. Turner (*Scopus docs* = 119; *h-index* = 29)
Monash University, Australia
Moderator: Dr. Yuniar Ponco Prananto, MSc
- Keynote speaker 3 : Assoc. Prof. Kenji Mochizuki (*Scopus docs* = 21; *h-index* = 9)
Shinshu University, Japan
Moderator: Assoc. Prof. akhmad Sabarudin, Dr.Sc
- Keynote speaker 4 : Akhmad Sabarudin, Dr.Sc (*Scopus docs* = 59; *h-index* = 17)
Brawijaya University, Indonesia
Moderator: Barlah Rumhayati, PhD

List of Invited Speakers

- Invited speaker 1 : Dr. Hendra Gunosewoyo (*Scopus docs* = 26; *h-index* = 11)
Curtin University, Australia
- Invited speaker 2 : Dr. Mohamad Rafi (*Scopus docs* = 19; *h-index* = 4)
IPB University, Indonesia
- Invited speaker 3 : Assoc. Prof. Lee Siew Ling (*Scopus docs* = 91; *h-index* = 13)
Universiti Teknologi Malaysia, Malaysia
- Invited speaker 4 : Dr.rer.nat. Witri Wahyu Lestari (*Scopus docs* = 27; *h-index* = 5)
University of Sebelas Maret, Indonesia
- Invited speaker 5 : Anugrah Ricky Wijaya, DSc (*Scopus docs* = 13; *h-index* = 5)
State University of Malang, Indonesia
- Invited speaker 6 : Dr.rer.nat. Rachmat T. Tjahjanto (*Scopus docs* = 12; *h-index* = 2)
Brawijaya University, Indonesia

Link for Presented Papers

Oral presenters : 116 presenters

<http://ic2ms.uib.ac.id/wp-content/uploads/2019/10/Oral-Session-Schedule.pdf>

Poster presenters : 104 presenters

<http://ic2ms.uib.ac.id/wp-content/uploads/2019/10/Poster-Session-Schedule.pdf>

SELECTED PICTURES TAKEN FROM THE IC2MS-2019



Picture 1. Flags of the participants' country and logos of the participants' institution.



Picture 2. Opening remarks by the chairman of the 2nd IC2MS



Picture 3. Poster session and poster award winners.



Picture 4. One of the invited speaker's talk.