



KANTOR  
PENGELOLAAN  
PRODUK  
RISET & INOVASI

drg. Diah Ayu Maharani, PhD

# Agenda :

- Introduction
- Current UI publications updates
- Goals and Strategies

# WR 3

- **DRPM** (Direktorat Riset dan Pengabdian Masyarakat)
- **DIIB** (Direktorat Inovasi dan Inkubasi Bisnis)
- **DSTI** (Direktorat Sistem Teknologi dan Informasi)
- **KPPRI** (Kantor Pengelolaan Produk Riset dan Inovasi)
- **KARI** (Kantor Administrasi Riset dan Inovasi)

# KPPRI

(Kantor Pengelolaan Produk Riset & Inovasi)

- UI Journals
- UI Conferences
- UI Research Data Base System
- Pengelolaan Produk Riset UIANA

Home About Current Archives Announcements Editorial Board Editorial Policies Author Guidelines

Online Submission Publication Ethics The Meaning of MAKARA Most Accessed Articles

Log In/Register

## Makara Journal of Health Research

ISSN 2356-3664 print ISSN 2356-3656

Makara Journal of Health Research (MJHR) is published by Universitas Indonesia. **MAKARA** is the logo of Universitas Indonesia. MJHR is a peer-reviewed, multidisciplinary and scientific journal which publishes original research articles relevant to international health issues, including the areas of Medicine, Dentistry, Public Health, Pharmacology, and Nursing. The MJHR is an open access journal, and since 2014, it is published 3 times per year to promote research in health-related fields. The Journal is nationally acknowledged and accredited by the Indonesian

Read more  
Editor in Chief Diah Ayu Maharani | Full editorial board

Authors Guide  
Submit Paper

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password  
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Archives

Vol 20, No 3 (2016): December

Bone Density Status and Vitamin D and Calcium Concentrations in Pregnant and Non-Pregnant Women  
DOI: 10.7454/mjhr.v20i3.3548

Starfruit Leaves as Glucose Absorption Inhibitor in Mice's Small Intestinal Epithelial Cells  
DOI: 10.7454/mjhr.v20i3.5256

The Effect of Squid Extract (*Loligo Sp*) on TNF- $\alpha$  and TGF- $\beta$ 1 Serum Levels during Wound Healing in Streptozotocin-induced Diabetic Rats  
DOI: 10.7454/mjhr.v20i3.4579

Challenges that Hinder Parturients to Deliver in Health Facilities: A Qualitative Analysis in Two Districts of Indonesia  
DOI: 10.7454/mjhr.v20i3.6572

Placental Morphology of Pregnant Iraqi Women with Rheumatic Heart Disease  
DOI: 10.7454/mjhr.v20i3.8205

Announcements

Indexed in:

Member of:

COPE  
ICMJE  
iThenticate  
Crossref

Scopus

TITLE EVALUATION TRACKING

Makara Journal of Health Research (2356-3664 / 2356-3656)

Submission Received  
12-Apr-2016

Validated

Enrichment in progress

Enrichment completed

Ready to be released to CSAB

Under review by the CSAB

Review complete

## Submission Received

12-Apr-2016

From: Scopus Title Evaluation Support <[titlesuggestion@scopus.com](mailto:titlesuggestion@scopus.com)>  
Date: Wed, Mar 8, 2017 at 1:45 PM  
Subject: RE: Makara Journal of Health Research  
To: Editorial Office Makara Journal of Health Research <[editor\\_msk@ui.ac.id](mailto:editor_msk@ui.ac.id)>

Dear Dr Diah Ayu Maharani,

Re: Makara Journal of Health Research, ISSN 2356-3664 / 2356-3656

Thank you for your e-mail. Please accept my apologies for this late reply. Your title, as mentioned above is in the last stages of processing and will soon be released to the independent Scopus Content Selection and Advisory Board (CSAB) for evaluation and a final decision. As soon as this analysis is complete you will receive an email with the decision and the reviewer's comments.

Kind regards,

Rina Groot

Scopus Title Evaluation Specialist

ELSEVIER

Akreditasi Dikti SK No. 36a/E/KPT/2016

**SURAT TUGAS**  
**NOMOR 178/ES/DIRJEN/2016**

# Assessor Akreditasi Jurnal Nasional (Dikti)

Direktur Pengelolaan Kebijakan Intelektual membebankan tugas kepada:

No	Nama	Institusi
1	Aclimad Nurmandi	Universitas Muhammadiyah Yogyakarta
2	Agus Subekti	Universitas Jember
3	Al Makin	UIN Yogyakarta
4	Ali Saikal	Universitas Negeri Malang
5	Amidito Adhono	Universitas Surabaya
6	Ang Lantiputay	Universitas Padjadjaran
7	Bambang Pramuka	Universitas Jenderal Soedirman
8	Chama Permata	Universitas Yasa
9	Diah Ayu Maharani	Universitas Indonesia
10	Estiko Rijanto	LPI
11	Haran Joko Prayitno	Universitas Muhammadiyah Semarang
12	Hari Susanto	Universitas Diponegoro
13	Irwanto	Universitas Hainan
14	Jamil Saiful Wicak	STAIN Sorong
15	Jenan A.S. Suryono	Universitas Indonesia
16	Jitadi	Universitas Diponegoro
17	Joko Irtjaya	Universitas Islam Indonesia
18	Ketut Suardi	Universitas Airlangga
19	Khozma Niam	UIN Surabaya
20	Khozariyah Dinyati	Universitas Muhammadiyah Semarang
21	Kirwan	Universitas Brawijaya
22	Linda Maria	Universitas Indonesia



**KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI**  
**DIREKTORAT JENDERAL PENGUATAN RISET DAN PENGEMBANGAN**

Jl. M.H. Thamrin No. 8, Jakarta 10340 – Gedung II BPPT, Lantai 20  
 Telepon (021) 316-9778; Faksimil (021) 310 1728, 310 2368  
 Homepage : [www.ristekdikti.go.id](http://www.ristekdikti.go.id)

23	Oman Fathurrahman	UIN Jakarta
24	Slamin	Universitas Jember
25	Suminar Pratapa	Institut Teknologi Sepuluh Nopember
26	Suminar Setiati Achmadi	Institut Pertanian Bogor
27	Tole Sutikno	Universitas Ahmad Dahlan
28	Wasmen Manalu	Institut Pertanian Bogor
29	Yudi Pranoto	Universitas Gadjah Mada

Untuk menghadiri acara sebagai asesor pada:

acara : Penilaian Aplikasi Akreditasi Jurnal Elektronik Periode II Tahun 2016  
 tanggal : 9-11 November 2016  
 tempat : Hotel Sahira Bogor  
 Jl. Paledang No 53 Bogor, Jawa Barat

Surat tugas ini dibuat untuk dilaksanakan dengan penuh tanggung jawab.

Jakarta, 27 Oktober 2016

Direktur Pengelolaan Kebijakan Intelektual

*(Signature)*  
 Sadjuga  
 NIP. 19590117 198611 1 0000

Tembusan:

1. Pimpinan Perguruan Tinggi;
2. Kasubbag Tata Usaha Dit. KI;
3. Yang bersangkutan.



# Current UI Journals' Status

Indexed in Scopus **2** ←

International Journal of Technology (IJTECH)

Medical Journal of Indonesia (MJI)

Registering to Scopus **5** ←

Indonesia Law Review - Evaluation Tracking

Journal of Dentistry Indonesia - Evaluation Tracking

Makara Journal of Health Research - Evaluation Tracking

Makara Journal of Science - Evaluation Tracking

Makara Journal of Technology - Evaluation Tracking

Nationally Accredited **18** ←

Antropologi Indonesia

Asean Marketing Jurnal

Indexed in DOAJ **12** ←

Asean Marketing Jurnal

Economic & Finance in Indonesia (EFI)

(source: [journal.ui.ac.id](http://journal.ui.ac.id))



# Affiliation details (Universitas Indonesia)

[Back to results](#) | [< Previous](#) **2 of 208** [Next >](#)

## Universitas Indonesia

Depok  
Java, Indonesia  
Affiliation ID: 60069377

[About Scopus Affiliation Identifier](#) | [View potential affiliation matches](#)

Other name formats: [Universitas Indonesia](#)  
[University of Indonesia](#)

Documents: 5,940  
Authors: 4,100  
Patent results: 3

Why "Scopus-isasi" UI Journals?

### Collaborating affiliations

University of Indonesia - Dr. Cipto Mangunkusumo Hospital	
Lembaga Ilmu Pengetahuan Indonesia	
Institut Teknologi Bandung	
University of Malaya	
Gadjah Mada University	
Mahidol University	
Institut Pertanian Bogor	

### Documents by source

Documents		Documents
109	Medical Journal Of Indonesia	497
106	International Journal Of Technology	203
93	Aip Conference Proceedings	182
70	Advanced Materials Research	129
70	Southeast Asian Journal Of Tropical Medicine And Public Health	91
67	Acta Medica Indonesiana ←	80
67	Paediatrica Indonesiana ←	62



# Affiliation search results indonesia

The Scopus Affiliation Identifier assigns a unique number to groups of documents affiliated with an organization via an algorithm that matches affiliation names based on certain criteria.

Affiliation "indonesia"  Edit

14 affiliation results [About Scopus Affiliation Identifier](#)

All  Show documents |  Give feedback

## Refine results

Limit to

Exclude

## City

Jakarta	(57)
Bandung	(18)
Bogor	(17)
Yogyakarta	(15)
Surabaya	(13)

## Country/Territory

<input type="radio"/>	1	Institut Teknologi Bandung Bandung Institute of Technology Institut Teknologi Bandung	7193	Bandung
<input type="radio"/>	2	Universitas Indonesia Universitas Indonesia University of Indonesia	6074	Depok
<input type="radio"/>	3	Gadjah Mada University Gadjah Mada University	4479	Yogyakarta
<input type="radio"/>	4	Institut Pertanian Bogor Bogor Agricultural University	2877	Bogor
<input type="radio"/>	5	Institut Teknologi Sepuluh Nopember Sepuluh Nopember Institute of Technology	2200	Surabaya

# Affiliation details (Institut Teknologi Bandung)

[Back to results](#) | 1 of 214 [Next >](#)

## Institut Teknologi Bandung

Jl. Tamansari 64, Bandung  
West Java, Indonesia  
Affiliation ID: 60069382

[About Scopus Affiliation Identifier](#) | [View potential affiliation matches](#)

Other name formats: Bandung Institute of Technology  
Institut Teknologi Bandung

Documents: 7,193

Authors: 4,142

Patent results: 1

## Collaborating affiliations

Lembaga Ilmu Pengetahuan Indonesia  
Universitas Padjadjaran  
University of Groningen  
University of Tokyo  
Universitas Indonesia

## Documents by source

Documents		Documents
166	Aip Conference Proceedings	711
139	Journal Of Physics Conference Series	173
126	Proceedings Of The 2011 International Conference On Electrical Engineering And Informatics Iceei 2011	125
97		
95	Advanced Materials Research	78

# Affiliation search results thailand

Affiliation "thailand" Edit

364 affiliation results About Scopus Affiliation Identifier

Sort on: Document

All Show documents Give feedback

## Refine results

Limit to Exclude

### City

- Bangkok (163)
- Chaing Mai (14)
- Nontaburi (14)
- Pathumtani (11)
- Songkla (10)

### Country/Territory

- Thailand (364)

Limit to Exclude

<input type="checkbox"/> 1	Mahidol University Mahidol University	28769	Nakon Pathom	Thailand
<input type="checkbox"/> 2	Chulalongkorn University Chulalongkorn University	25156	Bangkok	Thailand
<input type="checkbox"/> 3	Chiang Mai University Chiang Mai University	13703	Chiang Mai	Thailand
<input type="checkbox"/> 4	Kasetsart University Kasetsart University	10133	Bangkok	Thailand
<input type="checkbox"/> 5	Khon Kaen University Khon Kaen University	9998	Khon Kaen	Thailand
<input type="checkbox"/> 6	Prince of Songkla University Prince of Songkla University	9459	Hatyai	Thailand
<input type="checkbox"/> 7	King Mongkut's Institute of Technology Ladkrabang King Mongkut's Institute of Technology King Mongkut's Institute of Technology Ladkrabang	7016	Ladkrabang Bangkok	Thailand

# Affiliation details (Chulalongkorn University)

[Back to results](#) | 1 of 3 [Next >](#)

## Chulalongkorn University

254 Phayathai Road, Patumwan, Bangkok  
Thailand  
Affiliation ID: 60028190

[About Scopus Affiliation Identifier](#) | [View potential affiliation matches](#)

Other name formats: **Chulalongkorn University**

Documents: 25,156

Authors: 11,593

Patent results: 22

### Collaborating affiliations

- Mahidol University
- Khon Kaen University
- Kasetsart University
- Chiang Mai University
- Imperial College London
- Rutgers, The State University of New Jersey
- Srinakharinwirot University
- University of Illinois at Chicago
- University of Maryland
- King Chulalongkorn Memorial Hospital,  
Faculty of Medicine Chulalongkorn University

### Documents by source

Documents		Documents
1,506	Journal Of The Medical Association Of Thailand	1,416
541	Thai Journal Of Veterinary Medicine	522
466	Asian Biomedicine	333
461	Advanced Materials Research	322
409	Southeast Asian Journal Of Tropical Medicine And Public Health	320
391	Journal Of Applied Polymer Science	211
385	Journal Of The Medical Association Of Thailand Chotmaihet Thangphaet	195
384	Engineering Journal	162
383		
382		

# Affiliation details (Mahidol University)

[Back to results](#) | 1 of 5 [Next >](#)

## Mahidol University

999 Phuttamonthon 4 Road, Nakhon Pathom  
Thailand  
Affiliation ID: 60012718

[About Scopus Affiliation Identifier](#) | [View potential affiliation matches](#)

Other name formats: **Mahidol University**

Documents: 28,769 

Authors: 14,392

Patent results: 31

### Collaborating affiliations

Chulalongkorn University   
Nuffield Department of Clinical Medicine  
Thailand Ministry of Public Health  
Chiang Mai University  
Khon Kaen University  
Thailand National Center for Genetic  
Engineering and Biotechnology  
Kasetsart University  
Prince of Songkla University  
Chulabhorn Research Institute

### Documents by source


Documents		Documents
1,506	Journal Of The Medical Association Of Thailand	3,352
833	Southeast Asian Journal Of Tropical Medicine And Public Health	1,678
807	Plos One	366
801	Journal Of The Medical Association Of Thailand Chotmaihet Thangphaet	337
767	Asian Pacific Journal Of Allergy And Immunology	331
692	American Journal Of Tropical Medicine And Hygiene	305
469		
466		
427		



# Affiliation details (National University of Singapore)

[Back to results](#) | 1 of 194 [Next >](#)

<p><b>National University of Singapore</b>                  21 Lower Kent Ridge Road, Singapore City                  Singapore                  Affiliation ID: 60017161</p>	<p><a href="#">About Scopus Affiliation Identifier</a>   <a href="#">View potential affiliation matches</a></p> <p>Other name formats: <a href="#">Natl Univ of Singapore</a>  <a href="#">NUS</a>  <a href="#">National University of Singapore</a>  <a href="#">View more...</a></p>
---	--

Documents:	106,077	
Authors:	26,978	
Patent results:	9,474	

## Collaborating affiliations

Nanyang Technological University	3,889
Institute of Materials Research and Engineering, A-Star, Singapore	2,926
Yong Loo Lin School of Medicine	2,513
Institute for Infocomm Research, A-Star, Singapore	1,988
NUS Graduate School for Integrative Sciences and Engineering	1,334
<a href="#">View more...</a>	

## Documents by source

Documents	Documents
Lecture Notes In Computer Science Including Subseries Lecture Notes In Artificial Intelligence And Lecture Notes In Bioinformatics	1,642
Applied Physics Letters	1,112
Journal Of Applied Physics	1,052
Proceedings Of SPIE The International Society For Optical Engineering	676
Plos One	657
Annals Of The Academy Of Medicine Singapore	521





KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN  
**DIREKTORAT JENDERAL PENDIDIKAN TINGGI**  
Jalan Raya Jenderal Sudirman, Gedung D Lantai 10, Pintu 1  
Senayan, Jakarta 10270  
Telp. (021) 57946101, Fax. (021) 57946104  
Laman : [www.kemdiknas.dikti.go.id](http://www.kemdiknas.dikti.go.id)

Nomor : 152/E/T/2012  
Hal : Publikasi Karya Ilmiah

27 Januari 2012

Kepada Yth.  
Rektor /Ketua/Direktur  
PTN/PTS Seluruh Indonesia  
di  
Tempat

Sebagaimana kita ketahui bahwa pada saat sekarang ini jumlah karya ilmiah dari Perguruan Tinggi Indonesia secara total masih rendah jika dibandingkan dengan Malaysia, hanya sekitar sepertujuh. Hal ini menjadi tantangan kita bersama untuk meningkatkannya. Sehubungan dengan itu terhitung mulai kelulusan setelah Agustus 2012 diberlakukan ketentuan sebagai berikut :

1. Untuk lulus program Sarjana harus menghasilkan makalah yang terbit pada jurnal ilmiah.
2. Untuk lulus program Magister harus telah menghasilkan makalah yang terbit pada jurnal ilmiah nasional diutamakan yang terakreditasi Dikti.
3. Untuk lulus program Doktor harus telah menghasilkan makalah yang diterima untuk terbit pada jurnal internasional.

Demikian, atas perhatian Saudara kami ucapkan terima kasih.

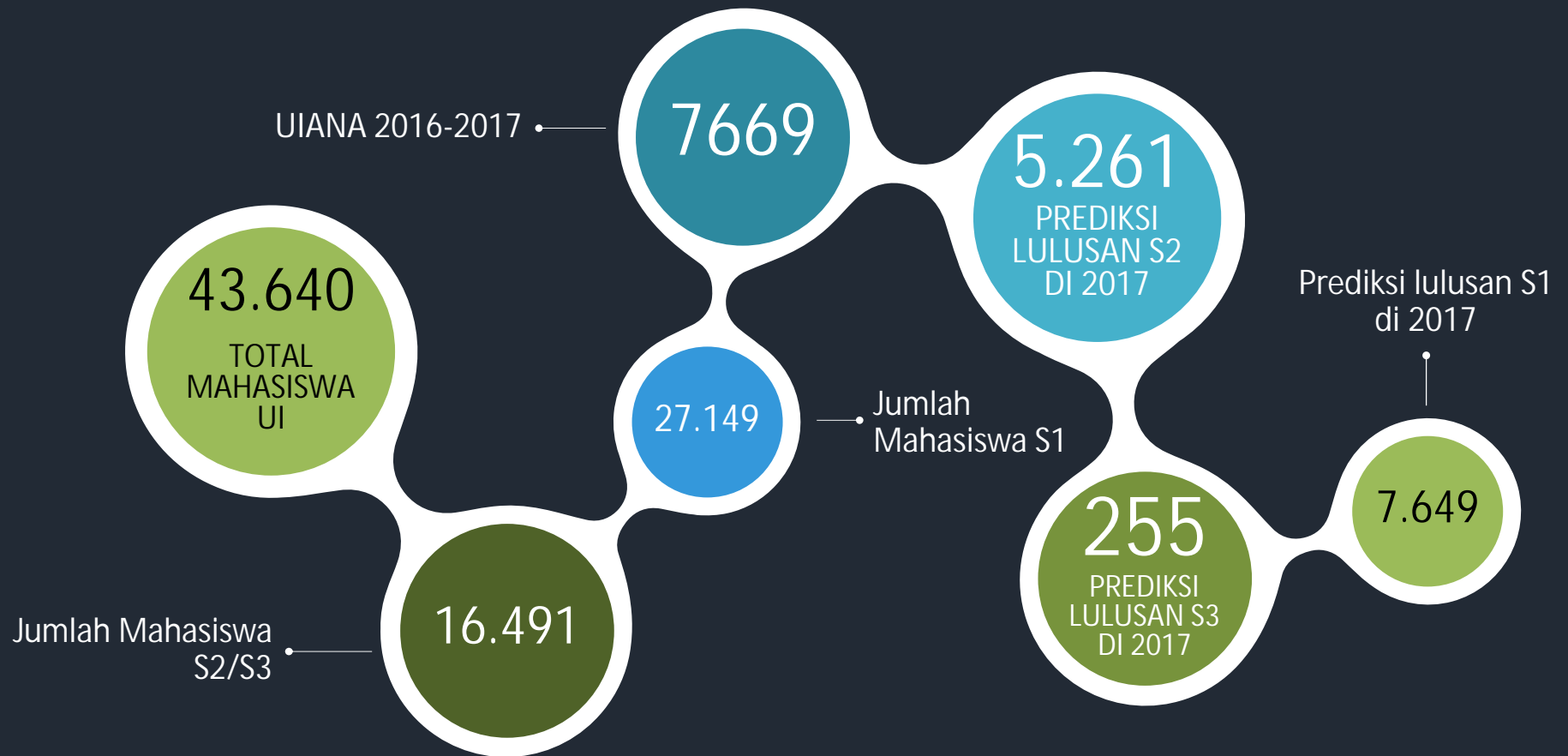


Direktur Jenderal,

*Alexand*  
Niko Santoso

NIP 195309091978031003

# STRENGTH AND OPPORTUNITY



Sumber: QS Rankings 2016 , data mahasiswa aktif UI per akhir Tahun 2016, data UIANA

# UIANA

lib.ui.ac.id/unggah/status-naskah-ringkas?order=field\_jenjang&sort=desc



- Unggah
- Status Unggahan
- Akun
- Panduan penulisan
- Periksa Konten
- Periksa konten v2
- Status Bimbingan
- Archieve
- Report e-Jurnal UIANA
- Logout
- Cari User
- Cek Duplikat
- Laporan Status Naskah Ringkas
- Publikasi Naskah Ringkas

Selamat Datang Diah Ayu Maharani (diah\_ayu64)

- UIANA
- Bukan UIANA-01
- Bukan UIANA-02
- Bukan UIANA-03
- Bukan UIANA-04
- Bukan UIANA-05
- Bukan UIANA-06
- Bukan UIANA-07

## dapat diakses UIANA

Displaying 1 - 10 of 27305



Title	Tipe Konten	Jenjang/Fakultas	Waktu Diterima	Penulis Utama	E-mail	Dosen Pembimbing
Perubahan Derajat Kekakuan Hati secara Transient Elastography dan Aspartat Aminotransferase to Platelet Ratio Index pada Pasien Hepatitis B Kronik yang Mendapat Terapi Antivirus <a href="http://lib.ui.ac.id/unggah/system/files/node/2013/1/riki.tenggara/riki_tenggara-tesis-fakultas_kedokteran-naskah_ringkas-2013.docx?download=1">http://lib.ui.ac.id/unggah/system/files/node/2013/1/riki.tenggara/riki_tenggara-tesis-fakultas_kedokteran-naskah_ringkas-2013.docx?download=1</a>	Tesis	Spesialis 2-Ilmu Penyakit Dalam	02/06/2014 - 13:01	Riki Tenggara	<a href="mailto:riki.tenggara@ui.ac.id">riki.tenggara@ui.ac.id</a> / <a href="mailto:rikitenggara@yahoo.com">rikitenggara@yahoo.com</a>	DR. Marcellus Simadibrata Ph.D.
Tingkat Keberhasilan Pengukuran Kekakuan Hati dengan Transient Elastography pada Pasien Non-alcoholic Fatty Liver Disease dengan Obesitas dan Faktor - faktor yang Mempengaruhinya. <a href="http://lib.ui.ac.id/unggah/system/files/node/2013/1/edi.mulyana/edi_mulyana-spesialis-fakultas_kedokteran-naskah_ringkas-2013.docx?download=1">http://lib.ui.ac.id/unggah/system/files/node/2013/1/edi.mulyana/edi_mulyana-spesialis-fakultas_kedokteran-naskah_ringkas-2013.docx?download=1</a>	Spesialis	Spesialis 2-Ilmu Penyakit Dalam	01/24/2014 - 12:19	Edi Mulyana	<a href="mailto:edi.mulyana@ui.ac.id">edi.mulyana@ui.ac.id</a> / <a href="mailto:emul84ui@yahoo.co.id">emul84ui@yahoo.co.id</a>	Dr. Irsan Hasan SpKGEH, DR. Marcellus

# Identifikasi dan Perencanaan Naskah-naskah UIANA

Tidak dapat diakses di UIANA-Bersifat Konfidensial	Bukan UIANA-01	2179	
Tidak dapat diakses di UIANA-ditunda publikasi atau dalam proses paten	Bukan UIANA-02	358	
Tidak dapat diakses di UIANA-Dipresentasikan sebagai makalah pada Seminar Nasional	Bukan UIANA-03	1200	
Tidak dapat diakses di UIANA-Akan ditulis dalam bahasa Inggris dan dipresentasikan sebagai makalah pada Seminar Internasional	Bukan UIANA-04	1931	
Tidak dapat diakses di UIANA-Akan ditulis dalam bahasa Inggris dan dipresentasikan sebagai makalah pada Seminar Internasional	Bukan UIANA-05	1233	
Tidak dapat diakses di UIANA-Akan diterbitkan pada Jurnal Nasional	Bukan UIANA-06	2343	
Tidak dapat diakses di UIANA-Akan ditulis dalam bahasa Inggris untuk dipersiapkan terbit pada Jurnal Internasional	Bukan UIANA-07	2846	
Total Manuscripts yang <b>sudah</b> diolah 2014-2017		12090	31%
Total Manuscripts yang <b>belum</b> diolah 2014-2017		27305	69%
Total		39395	100%

# Naskah thn 2016 - 2017

Fakultas	Jumlah naskah ringkas
VOKASI	6
Fasilkom	12
Unidentified	44
FKG	98
Sekolah	163
FIA	280
FPsi	290
FMIPA	314
FIK	385
FK	395
FIB	431
FKM	451
FISIP	661
FE	754
FT	928
FH	1208
FEB	1249
TOTAL	7669



# Mari kita internasionalkan prosiding kita

Proceedings diterbitkan secara online oleh publisher yang memiliki serial conference yang terindeks scopus/ISI Thomson.

Biaya sangat murah  
(kisaran 50 USD – 60 USD per paper)  
Biasanya minimum penerbitan 50 paper

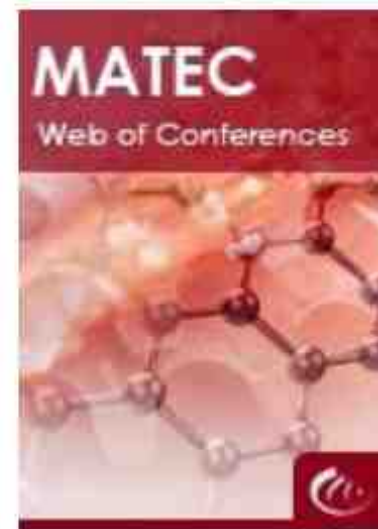
Proses review paper dapat dilakukan oleh reviewer lokal yang bereputasi internasional.

Menjadi cara jitu untuk meningkatkan produktivitas publikasi di Scopus/ ISI Thomson, karena tidak memerlukan proses yang panjang (2 bulan pasca conference sudah dapat terbit)

**Keuntungan**

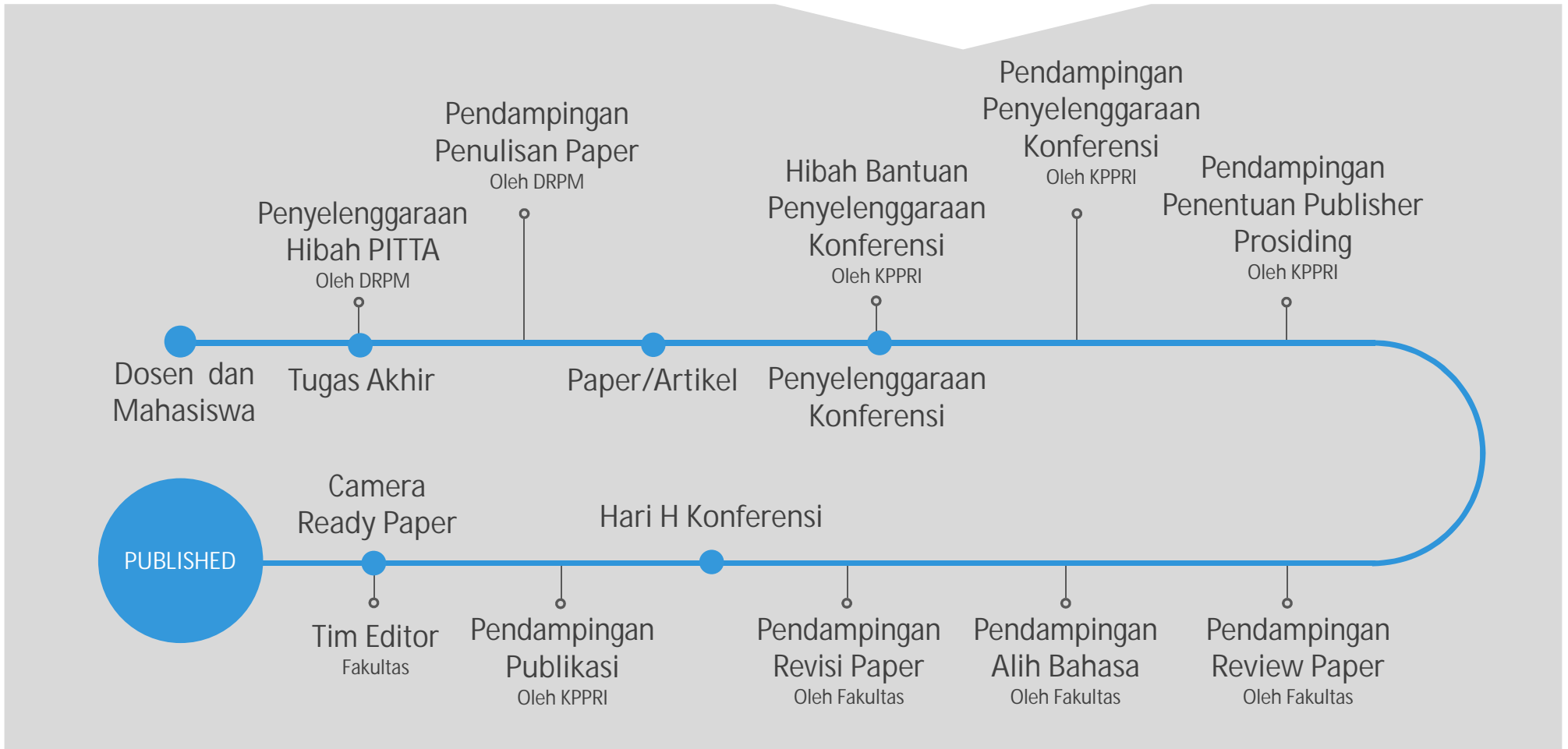


# Beberapa publisher penerbit serial conference:



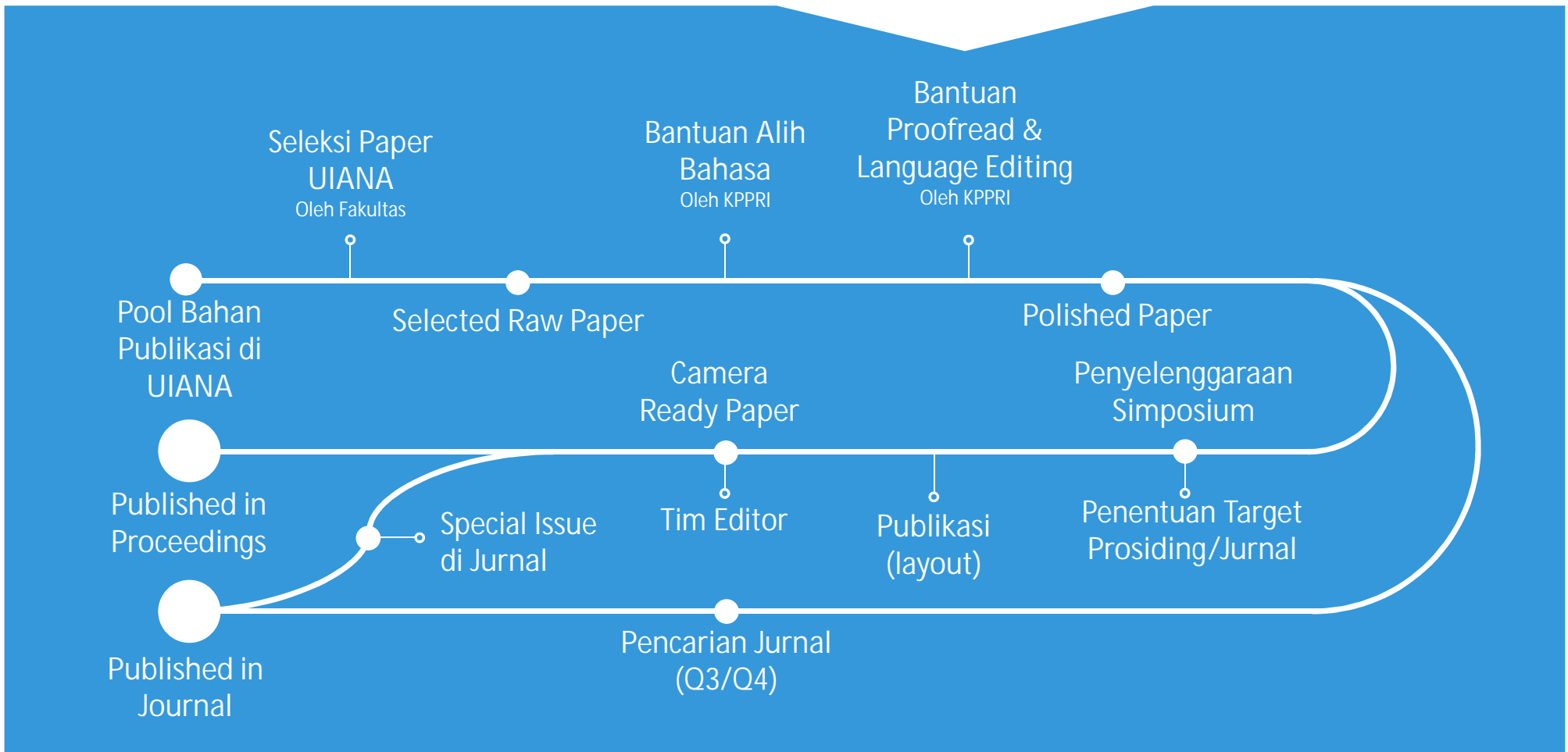
# ROAD TO PUBLISH

KOLABORASI DOSEN DAN MAHASISWA



# ROAD TO PUBLISH

UIANA





# SINERGI RISET DOSEN-MAHASISWA PASCASARJANA

Sebuah Ilustrasi

PEMENUHAN  
FTE RISET  
DOSEN  
4 SKS/Sem.

PEMENUHAN  
SYARAT  
MENGIKUTI  
SIDANG AKHIR  
MAHASISWA  
S2/S3



Setiap dosen terlibat aktif dalam riset akademik sebagai pembimbing. Contoh: Dosen yang membimbing 5 mahasiswa S2 akan menghasilkan 5 paper siap terbit di prosiding terindeks Scopus.

UI menyelenggarakan konferensi internasional di tiap rumpun/fakultas dengan luaran prosiding internasional terindeks Scopus



5 Mahasiswa bimbingan tersebut mengikuti konferensi internasional di UI dengan nama dosen tercatat sebagai Corresponding Author (single)



Mahasiswa bimbingan yang papernya diterbitkan dalam prosiding berhak untuk maju sidang tesis.



Dosen yang menerbitkan 5 paper bersama mahasiswa di prosiding internasional terindeks Scopus telah memenuhi kewajiban FTE 4 SKS/Sem.



4  
FTE

Bonus

Penghitungan 5 paper dengan nama dosen sebagai Single Corresp. Author adalah  $5 \times 1 \text{ SKS} = 5 \text{ SKS}$ .

Kelebihan 1 SKS akan dihitung sebagai bonus dan diberikan insentif.

# UIANA

## PROCESS

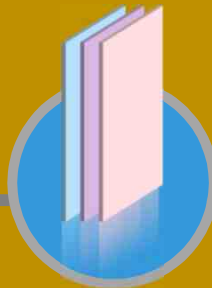
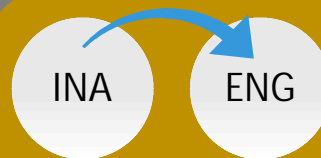
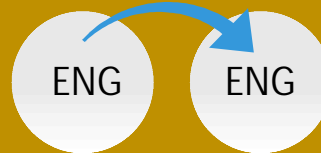
Setiap lulusan UI melakukan wajib simpan hasil karya akhirnya di UIANA sebagai syarat kelulusan

Fakultas menyeleksi naskah singkat yang berpotensi untuk dijadikan publikasi

Naskah yang terpilih akan dibantu untuk alih Bahasa dan proses proofreading/ language editing

Naskah yang telah siap kemudian diikutkan ke seminar kecil/symposium dengan luaran di prosiding terindeks atau special issue jurnal terindeks

Naskah juga dapat didampingi untuk langsung disubmit ke jurnal Q3/Q4



Fakultas	Σ Naskah	Fakultas	Σ Naskah	Fakultas	Naskah	Fakultas	Naskah	Fakultas	Naskah
FEB	1249	FF	754	FIB	431	FMIPA	314	Sekolah	163
FH	1208	FISIP	661	FK	395	FPSI	290	FKG	98
FT	928	FKM	451	FIK	385	FIA	280	FASILKOM	12



# CONTOH PUBLIKASI HASIL KOLABORASI DOSEN-MAHASISWA UI

## •Setara 1 SKS

### Document details

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IOP Conference Series: Materials Science and Engineering

Volume 172, Issue 1, 17 February 2017, Article number 012017

11th Joint Conference on Chemistry, JCC 2016, in Conjunction with the 4th Regional Biomaterials Scientific Meeting, Purwokerto, Indon  
2016 through 16 September 2016; Code 126603

### In silico design of fragment-based drug targeting host processing $\alpha$ -glucosidase i for d

(Conference Paper)

[Toepak, E.P.](#), [Tambunan, U.S.F.](#)

Bioinformatics Research Group, Departement of Chemistry, Faculty of Mathematics and Natural Science, Universitas Indonesia, Kampus UI Depok, West Java, Ind

#### Abstract

Dengue is a major health problem in the tropical and sub-tropical regions. The development of antiviral that targeting dengue's host enz

JCC2016

IOP Publishing

IOP Conf. Series: Materials Science and Engineering 172 (2017) 012017 doi:10.1088/1757-899X/172/1/012017

### In silico design of fragment-based drug targeting host processing $\alpha$ -glucosidase i for dengue fever

E P Toepak<sup>1</sup>, U S F Tambunan<sup>1\*</sup>

<sup>1</sup>Bioinformatics Research Group, Departement Of Chemistry, Faculty of Mathematics and Natural Science, Universitas Indonesia, Kampus UI Depok, West Java 16424, Indonesia

\* Email: [usman@ui.ac.id](mailto:usman@ui.ac.id)

**Abstract.** Dengue is a major health problem in the tropical and sub-tropical regions. The development of antiviral that targeting dengue's host enzyme can be more effective and efficient treatment than the viral enzyme. Host enzyme processing  $\alpha$ -glucosidase I has an important role in the maturation process of dengue virus envelope glycoprotein. The inhibition of processing  $\alpha$ -glucosidase I can become a promising target for dengue fever treatment. The antiviral approach using in silico fragment-based drug design can generate drug candidates with high binding affinity. In this research, 198.621 compounds were obtained from ZINC15 Biogenic Database. These compounds were screened to find the favorable fragments according to Rules of Three and pharmacological properties. The screening fragments were docked into the active site of processing  $\alpha$ -glucosidase I. The potential fragment candidates from the molecular docking simulation were linked with castanospermine (CAST) to generate ligands with a better binding affinity. The Analysis of ligand - enzyme interaction showed ligands with code LRS 22, 28, and 47 have the better binding free energy than the standard ligand. Ligand LRS 28 (N-2-4-methyl-5-((1S,3S,6S,7R,8R,8aR)-1,6,7,8-tetrahydrooctahydroindolizin-3-yl) pentyl) indolin-1-yl) propionamide) itself among the other ligands has the lowest binding free energy. Pharmacological properties prediction also showed the ligands LRS 22, 28, and 47

Source Title	IOP Conference Series: Materials Science and Engineering Proceedings
Type	
Publisher	
ISSN	1757899X, 17578981
Coverage	

Dosen:	Prof. Usman SF Tambunan	Dep. Kimia FMIPA UI
Mahasiswa:	Erwin P. Toepak	S2 Ilmu Kimia UI

Keterangan	Paper di prosiding terindeks Scopus setara dengan 1 SKS.
	Dosen sebagai (single) corresponding author: 100% = 1 SKS.

# CONTOH PUBLIKASI HASIL KOLABORASI TIM DOSEN-MAHASISWA UI

• Setara 0,6 SKS dan 0,4/n SKS

## Document details

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AIP Conference Proceedings

Volume 1729, 19 April 2016, Article number 020024

1st International Symposium on Current Progress in Mathematics and Sciences, ISCPMS 2015, Faculty of Mathematics and Natural Sciences, Universitas IndonesiaDepok, Indonesia, 3 November 2015 through 4 November 2015, Code 121532

### Post-annealing effect on optical absorbance of hydrothermally grown zinc oxide nanorods

(Conference Paper)

[Mohar, R.S.<sup>a</sup>](#), [Iwan, S.<sup>ab</sup>](#), [Djuhana, D.<sup>a</sup>](#), [Imawan, C.<sup>a</sup>](#), [Harmoko, A.<sup>a</sup>](#), [Fauzia, V.<sup>a</sup>](#)  

<sup>a</sup> Departemen Fisika, Universitas Indonesia, FMIPA, Indonesia

<sup>b</sup> Jurusan Fisika, Fakultas MIPA, Universitas Negeri Jakarta, Jakarta, Indonesia

#### Abstract

In this study, the optical absorbance of zinc oxide (ZnO) nanorods was investigated. The ZnO thin film were deposited on indium tin oxide (ITO) layers using ultrasonic spray pyrolysis (USP) method and then grown by hydrothermal method. In order to improve the optical absorbance, the ZnO nanorods were then post-annealed for one hour at three different of temperatures, namely 250, 400, and 500 °C. The X-ray diffraction (XRD) spectra and FESEM images show that the ZnO nanorods have the hexagonal wurtzite crystal structure and the increasing of post-annealing temperature resulted in the increasing of crystallite size from 38.2 nm to 48.4 nm. The UV-vis spectra shows that all samples of ZnO nanorods exhibited the identical sharp absorption edge at 390 nm indicating that all samples have the same bandgap. The post-annealing process seemed to decrease the optical absorbance in the region of 300-550 nm and increase the optical absorbance in the region of 550-700 nm.

[View references](#) (

## Post-Annealing Effect on Optical Absorbance of Hydrothermally Grown Zinc Oxide Nanorods

Rahmat Setiawan Mohar<sup>1</sup>, S. Iwan<sup>1,2</sup>, Dede Djuhana<sup>1</sup>, Cuk Imawan<sup>1</sup>, Adhi Harmoko<sup>1</sup> and Vivi Fauzia<sup>1,a)</sup>

<sup>1</sup>Departemen Fisika, FMIPA, Universitas Indonesia, Kampus UI Depok, Indonesia

<sup>2</sup>Jurusan Fisika, Fakultas MIPA, Universitas Negeri Jakarta, Jl. Pemuda No. 10 Rawamangun, Jakarta 13220, Indonesia

<sup>a)</sup>Corresponding author: vivi@sci.ui.ac.id

**Abstract.** In this study, the optical absorbance of zinc oxide (ZnO) nanorods was investigated. The ZnO thin film were deposited on indium tin oxide (ITO) layers using ultrasonic spray pyrolysis (USP) method and then grown by hydrothermal method. In order to improve the optical absorbance, the ZnO nanorods were then post-annealed for one hour at three different of temperatures, namely 250, 400, and 500 °C. The X-ray diffraction (XRD) spectra and FESEM images show that the ZnO nanorods have the hexagonal wurtzite crystal structure and the increasing of post-annealing temperature resulted in the increasing of crystallite size from 38.2 nm to 48.4 nm. The UV-vis spectra shows that all samples of ZnO nanorods exhibited the identical sharp absorption edge at 390 nm indicating that all samples have the same bandgap. The post-annealing process seemed to decrease the optical absorbance in the region of 300-550 nm and increase the optical absorbance in the region of 550-700 nm.

Source Title	AIP Conference Proceedings
Type	Proceedings
Publisher	
ISSN	0094243X
Coverage	

Dosen:	Dede Djuhana, Cuk Imawan, Adhi Harmoko, Vivi Fauzia
Dep. Fisika FMIPA UI	
Mahasiswa:	Rahmat Setiawan Mohar S2 Ilmu Material UI
Iwan Sugihartono	S3 Ilmu Material UI

#### Keterangan

Paper prosiding terindeks Scopus setara dengan 1 SKS.  
Corresponding author: 1 SKS x 60% = 0,6 SKS  
Co-author: 1 SKS x 40%/5 = 0,08 SKS

# CONTOH PUBLIKASI HASIL KOLABORASI DOSEN-MAHASISWA UI

## •Setara 2 SKS

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Jurnal Teknologi

Volume 78, Issue 8-6, 2016, Pages 9-14

#### Effect of nose blade angle on face stability of jacked box tunnelling (Article)

Prakoso, W.A. , Sabbah, A.B. 

Civil Engineering Department, Universitas Indonesia, Depok, Indonesia

[View references \(15\)](#)

#### Abstract

A typical jacked box tunnel usually consists of a precast concrete box tunnel and a steel nose blade installed in the box front. Two of many design factors for this tunnel type are the face stability and the face resistance; an increase in face stability is typically accompanied by an unintended consequence of an increase in face resistance. A series of numerical analyses was performed to explore the interaction between the face stability and the face resistance. Three design parameters were considered, namely amount of unexcavated soil inside box tunnel, nose blade angle and soil depth. Plane strain finite element models were used to simulate the tunnel jacking process; the software used was Plaxis 2D. The face stability represented by safety factor is affected mainly in a decreasing order by the amount of unexcavated soil inside box tunnel and the nose blade angle. However, if a minimum jacking force is required, an optimal combination of the two design parameters should be adopted. © 2016 Penerbit UTM Press. All rights reserved.

### Jurnal Teknologi

Full Paper

#### EFFECT OF NOSE BLADE ANGLE ON FACE STABILITY OF JACKED BOX TUNNELLING

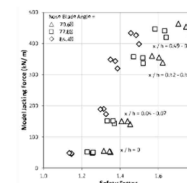
Widjojo A. Prakoso\*, Azzah Balqis Sabbah

Civil Engineering Department, Universitas Indonesia, Depok, Indonesia

**Article history**  
Received  
18 January 2016  
Received in revised form  
8 March 2016  
Accepted  
18 March 2016

\*Corresponding author  
wprakoso@eng.ui.ac.id

#### Graphical abstract



#### Abstract

A typical jacked box tunnel usually consists of a precast concrete box tunnel and a steel nose blade installed in the box front. Two of many design factors for this tunnel type are the face stability and the face resistance; an increase in face stability is typically accompanied by an unintended consequence of an increase in face resistance. A series of numerical analyses was performed to explore the interaction between the face stability and the face resistance. Three design parameters were considered, namely amount of unexcavated soil inside box tunnel, nose blade angle and soil depth. Plane strain finite element models were used to simulate the tunnel jacking process; the software used was Plaxis 2D. The face stability represented by safety factor is affected mainly in a decreasing order by the amount of unexcavated soil inside box tunnel and the nose blade angle. However, if a minimum jacking force is required, an optimal combination of the two design parameters should be adopted.

**Keywords:** Box jacking; unexcavated soil; nose blade angle; face stability; jacking force

#### Abstrak

Sebuah terowong kekotak terbucu terdiri daripada terowong kekotak pra tuang konkrit dan bilah muncung keluli yang dipasang di bahagian hadapan kotak. Dua daripada banyak faktor rekabentuk ialah kestabilan muka dan ketahanan muka terowong; peningkatan

Source Title	Jurnal Teknologi
Type	Journal
Quartile	3
Publisher	Penerbit Universiti Teknologi Malaysia
ISSN	01279696, 21803722
Coverage	2010-ongoing

Dosen:	
Widjojo A. Prakoso	Departemen Sipil FTUI
Mahasiswa:	
Azzah Balqis Sabbah	S2 Teknik Sipil

**Keterangan**  
Artikel di jurnal terindeks Scopus setara dengan 2 SKS.  
Dosen sebagai (single) corresponding author: 100% = 2 SKS


# CONTOH PUBLIKASI HASIL KOLABORASI TIM DOSEN

- Setara 1,2 dan 0,8/n SKS

Maharani et al. *BMC Oral Health* (2017) 17:65  
DOI 10.1186/s12903-017-0358-5

BMC Oral Health

## An assessment of the impacts of child oral health in Indonesia and associations with self-esteem, school performance and perceived employability

Diah Ayu Maharani , Melissa Adiatman, Anton Rahardjo, Girvan Burnside and Cynthia Pine

*BMC Oral Health* BMC series – open, inclusive and trusted 2017 17:65 | DOI: 10.1186/s12903-017-0358-5 | © The Author(s), 2017

Received: 16 April 2016 | Accepted: 3 March 2017 | Published: 21 March 2017

### RESEARCH ARTICLE

Open Access



## An assessment of the impacts of child oral health in Indonesia and associations with self-esteem, school performance and perceived employability

Diah Ayu Maharani<sup>1\*</sup>, Melissa Adiatman<sup>1</sup>, Anton Rahardjo<sup>1</sup>, Girvan Burnside<sup>2</sup> and Cynthia Pine<sup>3</sup>

### Abstract

**Background:** Previous surveys have indicated that a majority of Indonesian children have poor oral health. However, little detailed information is available on underlying causation and none that examine impacts of oral health on child self-esteem, school performance and perceived employability. The aim of this study was to determine levels of child oral health in primary school children in Indonesia, the prevalence of key causal factors; and, to determine relationships

Source Title	BMC Oral Health
Type	Journal
Quartile	1
Publisher	BioMed Central
ISSN	14726831
Coverage	2001-ongoing

Dosen:	Diah Ayu Maharani , Melissa Adiatman, Anton Rahardjo FKG UI
Non UI:	Girvan Burnside, Prof. Cynthia Pine

Keterangan	Artikel di jurnal terindeks Scopus setara dengan 2 SKS. Corresponding author: 2 SKS x 60% = 1,2 SKS Co-author: 2 SKS x 40%/4 = 0,2 SKS
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Conferences 2017

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Conference on  
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Tropical Renewable  
Energies Conference  
(ITREC)

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