



**KEMENTERIAN KEUANGAN REPUBLIK INDONESIA
SEKRETARIAT JENDERAL
LEMBAGA PENGELOLA DANA PENDIDIKAN**

**KEPUTUSAN DIREKTUR UTAMA
LEMBAGA PENGELOLA DANA PENDIDIKAN
NOMOR KEP- 76 /LPDP /2016**

TENTANG

**PENETAPAN PENERIMA
PENGHARGAAN PUBLIKASI ILMIAH INTERNASIONAL BATCH II 2016
LEMBAGA PENGELOLA DANA PENDIDIKAN**

DIREKTUR UTAMA LEMBAGA PENGELOLA DANA PENDIDIKAN,

- Menimbang** : Bahwa dalam rangka penetapan penerima Penghargaan Publikasi Ilmiah Internasional Batch II 2016, maka perlu menetapkan Keputusan Direktur Utama Lembaga Pengelola Dana Pendidikan tentang Penetapan Penerima Penghargaan Publikasi Ilmiah Internasional Batch II 2016 Lembaga Pengelola Dana Pendidikan.
- Mengingat** :
1. Peraturan Pemerintah Nomor 23 Tahun 2005 tentang Pengelolaan Keuangan Badan Layanan Umum (Lembaran Negara Republik Indonesia Tahun 2005 Nomor 48, Tambahan Lembaran Negara Republik Indonesia Nomor 4502) sebagaimana telah diubah terakhir dengan Peraturan Pemerintah Nomor 74 Tahun 2012;
 2. Peraturan Menteri Keuangan Nomor 238/PMK.05/2010 tentang Tata Cara Penyediaan, Pencairan, Pengelolaan, dan Pertanggungjawaban *Endowment Fund* dan Dana Cadangan Pendidikan;
 3. Peraturan Menteri Keuangan Nomor 252/PMK.01/2011 tentang Organisasi dan Tata Kerja Lembaga Pengelola Dana Pendidikan;
 4. Keputusan Menteri Keuangan Nomor 18/KMK.05/2012 tentang Penetapan Lembaga Pengelola Dana Pendidikan Pada Kementerian Keuangan Sebagai Instansi Pemerintah Yang Menerapkan Pengelolaan Keuangan Badan Layanan Umum;
 5. Keputusan Menteri Keuangan Nomor 325/ KMK.01/2012 tentang Pengangkatan Sdr. Eko Prasetyo (NIP 197007121989121001) Pembina (Gol. IV/a) sebagai Direktur Utama Lembaga Pengelola Dana Pendidikan;
 6. Peraturan Direktur Utama Lembaga Pengelola Dana Pendidikan Nomor PER-09/LPDP/2015 tentang Kebijakan Pendanaan Riset Pembangunan Indonesia;
 7. Peraturan Direktur Utama Lembaga Pengelola Dana Pendidikan Nomor PER-25/LPDP/2015 tentang Perubahan Atas Peraturan Direktur Utama Lembaga Pengelola Dana



**KEMENTERIAN KEUANGAN REPUBLIK INDONESIA
SEKRETARIAT JENDERAL
LEMBAGA PENGELOLA DANA PENDIDIKAN**

Pendidikan Nomor PER-12/LPDP/2015 tentang Penghargaan Publikasi Ilmiah Internasional;

8. Peraturan Direktur Utama Lembaga Pengelola Dana Pendidikan Nomor PER-17/LPDP/2015 tentang Pedoman Penilaian Proposal Bantuan Dana Riset Inovatif Produktif;

MEMUTUSKAN :

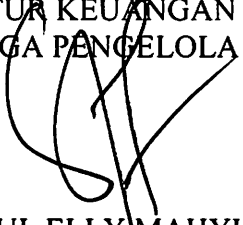
- Menetapkan :** KEPUTUSAN DIREKTUR UTAMA LEMBAGA PENGELOLA DANA PENDIDIKAN TENTANG PENETAPAN PENERIMA PENGHARGAAN PUBLIKASI ILMIAH INTERNASIONAL BATCH II 2016 LEMBAGA PENGELOLA DANA PENDIDIKAN
- PERTAMA :** Daftar Penerima Penghargaan Publikasi Ilmiah Internasional Batch II 2016 Lembaga Pengelola Dana Pendidikan adalah sebagaimana terlampir dalam Keputusan ini.
- KEDUA :** Segala biaya yang timbul sebagai akibat ditetapkannya Keputusan ini dibebankan pada Daftar Isian Pelaksanaan Anggaran (DIPA) Lembaga Pengelola Dana Pendidikan.
- KETIGA :** Apabila di kemudian hari terdapat kekeliruan dalam Keputusan ini, akan dilakukan perbaikan sebagaimana mestinya.
- KEEMPAT :** Keputusan Direktur Utama ini berlaku sejak tanggal ditetapkan.

Ditetapkan di Jakarta
Pada tanggal 16 September 2016
DIREKTUR UTAMA

ttd

EKO PRASETYO
NIP 197007121989121001

Salinan sesuai dengan aslinya
DIREKTUR KEUANGAN DAN UMUM
LEMBAGA PENGELOLA DANA PENDIDIKAN


SYAHRUL ELLY MAHYUDIN
NIP 197303071993011001



**KEMENTERIAN KEUANGAN REPUBLIK INDONESIA
SEKRETARIAT JENDERAL
LEMBAGA PENGELOLA DANA PENDIDIKAN**

Lampiran Keputusan Direktur Utama
Lembaga Pengelola Dana Pendidikan
Nomor KEP-76 /LPDP/2016 tentang
Penetapan Penerima Penghargaan Publikasi
Ilmiah Internasional Batch II 2016

**DAFTAR PENERIMA
PENGHARGAAN PUBLIKASI ILMIAH INTERNASIONAL BATCH I 2016
LEMBAGA PENGELOLA DANA PENDIDIKAN**

No	Judul Paper	Penulis	Judul Jurnal	Nilai Penghargaan
1	Effect of surface mechanical attrition treatment (SMAT) on microhardness, surface roughness and wettability of AISI 316L	Budi Arifvianto, M.Biotech.	Materials Chemistry And Physics	Rp45,000,000
2	Different Crystallographic One-dimensional MnO ₂ Nanomaterials and Their Superior Performance in Catalytic Phenol Degradation	Edy Saputra, ST., MT., Ph.D	Environmental Science & Technology	Rp90,000,000
3	Immobilization of glucose oxidase on chitosan-based porous composite membranes and their potential use in biosensors	Prof. Dr.rer.nat. Heru Susanto, ST, MM, MT	Enzyme And Microbial Technology	Rp40,000,000
4	Role of particle size for platinum-loaded tungsten oxide nanoparticles during dye photodegradation under solar-simulated irradiation	Dr. Eng. Agus Purwanto	Catalysis Communications	Rp40,000,000
5	Bench scale electrodeionization for high pressure boiler feed water	Prof. Ir. I Gede Wenten, Ph.D.	Journal Of Desalination	Rp40,000,000
6	Rapid synthesis of free-standing MoO ₃ /Graphene films by the microwave hydrothermal method as cathode for bendable lithium batteries	Lukman Noerochim, Ph.D	Journal Of Power Sources	Rp80,000,000
7	Development of biohydrogen production by photobiological, fermentation and electrochemical processes: A review	Azwar, ST.M.Eng.Sc	Renewable And Sustainable Energy Reviews	Rp80,000,000
8	Manganese oxides at different oxidation states for heterogeneous activation of peroxymonosulfate for phenol degradation in aqueous solutions	Edy Saputra, ST., MT., Ph.D	Applied Catalysis B : Environmental	Rp80,000,000



KEMENTERIAN KEUANGAN REPUBLIK INDONESIA
SEKRETARIAT JENDERAL
LEMBAGA PENGELOLA DANA PENDIDIKAN

No	Judul Paper	Penulis	Judul Jurnal	Nilai Penghargaan
9	Thermal performance of screen mesh wick heat pipes with nanofluids	Prof. Dr.-Ing. Nandy Putra	Experimental Thermal And Fluid Science	Rp40,000,000
10	Application of a new drag coefficient model at CFD-simulations on free surface flows relevant for the nuclear reactor safety analysis	Dr. Deendarlianto, S.T., M. Eng.	Annals Of Nuclear Energy	Rp35,000,000
11	Recognition of single and multiple partial discharge sources in transformers based on ultra-high frequency signals	Dr. Herman Halomoan Sinaga, S.T., M.T.	IET Generation, Transmission & Distribution	Rp35,000,000
12	Influence of grit blasting treatment using steel slag balls on the subsurface microhardness, surface characteristics and chemical composition of medical grade 316L stainless steel	Budi Arifvianto, M.Biotech.	Surface And Coatings Technology	Rp35,000,000
13	Interpretation of ground surface changes prior to the 2010 large eruption of Merapi volcano using ALOS/PALSAR, ASTER TIR and gas emission data	Asep Saepuloh, S.T., M.Eng., Dr.Eng.	Journal Of Volcanology And Geothermal Research	Rp35,000,000
14	A continuous-flow bubble column reactor for biodiesel production by non-catalytic transesterification	Joelianingsih	Fuel	Rp35,000,000
15	Surface Electronic Structure and Mechanical Characteristics of Copper-Cobalt Oxide Thin Film Coatings: Soft X-ray Synchrotron Radiation Spectroscopic Analyses and Modeling	Amun Amri, ST, MT, PhD	The Journal Of Physical Chemistry C	Rp35,000,000
16	Islam as Drama: Wedding Rites and the Theatricality of Islam in South Sulawesi	Moh Yasir Alimi, S.Ag, MA., PhD	THE ASIA PACIFIC JOURNAL OF ANTHROPOLOGY	Rp25,000,000
17	The calamity of eruptions, or an eruption of benefits? Mt. Bromo human-volcano system a case study of an open-risk perception	Syamsul Bachri, S.Si, M.Sc, P.hD	Natural Hazards And Earth System Sciences	Rp30,000,000



**KEMENTERIAN KEUANGAN REPUBLIK INDONESIA
SEKRETARIAT JENDERAL
LEMBAGA PENGELOLA DANA PENDIDIKAN**

No	Judul Paper	Penulis	Judul Jurnal	Nilai Penghargaan
18	ZnO/montmorillonite for photocatalytic and photochemical degradation of methylene blue	Dr. Is Fatimah	Applied Clay Science	Rp50,000,000
19	Hyperspectral Data for Mangrove Species Mapping: A Comparison of Pixel-Based and Object-Based Approach	Muhammad Kamal, M.GIS., Ph.D.	MDPI Remote Sensing	Rp45,000,000
20	Carbon Paste Electrode Modified with Carbon Nanotubes and Poly(3-Aminophenol) for Voltammetric Determination of Paracetamol	Dr Indra Noviandri	International Journal Of Electrochemical Science	Rp40,000,000
21	Comparison of sulfuric and hydrochloric acids as catalysts in hydrolysis of <i>Kappaphycus alvarezii</i> (cottonii)	Dr. Maria Dyah Nur Meinita, S.Pi, M.Sc	Bioprocess And Biosystems Engineering	Rp40,000,000
22	The chemometrics approach applied to FTIR spectral data for the analysis of rice bran oil in extra virgin olive oil	Prof. Dr. Abdul Rohman	Chemometrics And Intelligent Laboratory Systems	Rp40,000,000
23	Comparison of agarophytes (<i>Gelidium</i> , <i>Gracilaria</i> , and <i>Gracilariopsis</i>) as potential resources for bioethanol production	Dr. Maria Dyah Nur Meinita, S.Pi, M.Sc	Journal Of Applied Phycology	Rp40,000,000
24	Synthesis of ZnO nanoparticles by hydrothermal method in aqueous rinds extracts of <i>Sapindus rarak</i> DC	Evi Maryanti, S.Si, M.Si	Materials Letters	Rp40,000,000
25	Preparation of cetyltrimethylammonium intercalated Indonesian montmorillonite for adsorption of toluene	Dr. Is Fatimah	Applied Clay Science	Rp40,000,000
26	Flavonoid Analyses and Antimicrobial Activity of Various Parts of <i>Phaleria macrocarpa</i> (Scheff.) Boerl Fruit	Rudi Hendra	International Journal Of Molecular Sciences	Rp40,000,000
27	Plant-Derived Food Ingredients for Stimulation of Energy Expenditure	Dr. Nancy Dewi Yuliana	Critical Reviews In Food Science And Nutrition,	Rp70,000,000
28	Holographic Brownian motion in two dimensional rotating fluid	Dr. Ardian Nata Atmaja	Journal Of High Energy Physics	Rp70,000,000
29	Estimating the codifference function of linear time series models with infinite variance	Prof. Dr.rer.nat. Dedi Rosadi, S.Si., M.Sc.	Metrika	Rp35,000,000



**KEMENTERIAN KEUANGAN REPUBLIK INDONESIA
SEKRETARIAT JENDERAL
LEMBAGA PENGELOLA DANA PENDIDIKAN**

No	Judul Paper	Penulis	Judul Jurnal	Nilai Penghargaan
30	Photo- and electro-catalysis for solar disinfection of Escherichia coli-contaminated water using Ag-TiO ₂ /graphite	Dr. Fitria Rahmawati	Toxicological And Environmental Chemistry	Rp35,000,000
31	Dynamically consistent discrete epidemic model with modified saturated incidence rate	Prof. Agus Suryanto	Computational And Applied Mathematics	Rp35,000,000
32	Species-specific PCR for rapid identification of Ganoderma philippii and Ganoderma mastoporum from Acacia mangium and Eucalyptus pellita plantations in Indonesia	Dr. Vivi Yuskianti, S.P., M.Si.	Forest Pathology	Rp35,000,000
33	Mapping and identifying basal stem rot disease in oil palms in North Sumatra with Quickbird imagery	Heri Santoso, SP, MSc	Precision Agriculture	Rp40,000,000
34	Properties of oriented strand board made from Betung bamboo (<i>Dendrocalamus asper</i> (Schultes.f) Backer ex Heyne)	Prof Dr Ir Fauzi Febrianto MS	Wood Science And Technology	Rp35,000,000
35	Characterizing the dynamics change of vegetation cover on tropical forestlands using 250 m multi-temporal MODIS EVI	Dr. Yudi Setiawan, SP., M.Sc	International Journal Of Applied Earth Observation And Geoinformation	Rp35,000,000
36	Gibberellin is required for the formation of tension wood and stem gravitropism in <i>Acacia mangium</i> seedlings	Dr. Widyanto Dwi Nugroho, S.Hut., M.Agr.	Annals Of Botany	Rp35,000,000
37	Interaction of anthocyanins with human serum albumin: Influence of pH and chemical structure on binding	Yana Cahyana, STP., DEA., Ph.D	Food Chemistry	Rp35,000,000
38	The use of Fourier transform mid infrared (FT-MIR) spectroscopy for detection and quantification of adulteration in virgin coconut oil	Prof. Dr. Abdul Rohman	Food Chemistry	Rp45,000,000
39	Novel versus traditional risk markers for diabetic retinopathy	Dr. Muhammad Bayu Sasongko, Sp.M, M.Epi, PhD	Diabetologia	Rp80,000,000
40	Retinal vascular tortuosity in persons with diabetes and diabetic retinopathy	Dr. Muhammad Bayu Sasongko, Sp.M, M.Epi, PhD	Diabetologia	Rp80,000,000
41	Development of Curcumin Nanocrystal: Physical Aspects	Dr.Heni Rachmawati, Apt.,M.Si	Journal Of Pharmaceutical Sciences	Rp40,000,000



**KEMENTERIAN KEUANGAN REPUBLIK INDONESIA
SEKRETARIAT JENDERAL
LEMBAGA PENGELOLA DANA PENDIDIKAN**

No	Judul Paper	Penulis	Judul Jurnal	Nilai Penghargaan
42	Comparison of Real Time IS6110-PCR, Microscopy, and Culture for Diagnosis of Tuberculous Meningitis in a Cohort of Adult Patients in Indonesia	Lidya Chaidir, MSi	PLoS ONE	Rp40,000,000
43	Retinal Arteriolar Tortuosity is Associated With Retinopathy and Early Kidney Dysfunction in Type 1 Diabetes	Dr. Muhammad Bayu Sasongko, Sp.M, M.Epi, PhD	American Journal Of Ophthalmology	Rp40,000,000
44	A Step Variational Iteration Method for Solving Non-Chaotic and Chaotic Systems	Dr. Yulita Molliq Rangkuti, MSc	Sains Malaysiana	Rp35,000,000
45	The determinants of poverty dynamics in Indonesia: evidence from panel data	Teguh Dartanto, Ph.D.	Bulletin Of Indonesian Economic Studies (BIES)	Rp30,000,000

Ditetapkan di Jakarta
Pada tanggal 16 September 2016
DIREKTUR UTAMA

ttd

EKO PRASETYO
NIP 197007121989121001

Salinan sesuai dengan aslinya
DIREKTUR KEUANGAN DAN UMUM
LEMBAGA PENGELOLA DANA PENDIDIKAN

SYAHRUL ELY MAHYUDIN
NIP 197303071993011001