



KEPUTUSAN REKTOR
INSTITUT TEKNOLOGI BANDUNG
NOMOR : 313/I1.B04/SK-WRRIM/X/2019

TENTANG

DAFTAR NAMA DAN JUDUL PENERIMA
BANTUAN PUBLIKASI JURNAL DAN PROCEEDING BERDASARKAN
SCIMAGO JOURNAL AND COUNTRY RANK TAHAP V
INSTITUT TEKNOLOGI BANDUNG
TAHUN 2019

REKTOR INSTITUT TEKNOLOGI BANDUNG,

- Menimbang : a. bahwa telah terbit Keputusan Rektor ITB Nomor 045/I1.B04/III/2019 tentang Ketentuan Besaran Bantuan Publikasi Jurnal dan Proceeding ITB berdasarkan *Scimago Journal and Country Rank* Tahun 2019;
- b. bahwa guna menunjang kelancaran pengelolaan kegiatan Peningkatan Publikasi Jurnal dan Proceeding Internasional Institut Teknologi Bandung maka perlu ditetapkan judul artikel dan nama-nama penerima bantuan Publikasi Jurnal dan Proceeding Internasional ITB Tahap III tahun 2019;
- c. bahwa sehubungan dengan huruf a dan b di atas maka kepada nama-nama dimaksud dalam lampiran keputusan ini selanjutnya akan diberikan dana bantuan sesuai dengan ketentuan dalam Keputusan Rektor ITB Nomor 045/SK/I1.B04/KP/2019;
- d. bahwa untuk memenuhi maksud sebagaimana pada huruf a,b, dan c di atas maka perlu ditetapkan dengan Keputusan Rektor ITB.
- Mengingat : 1. Undang-Undang Nomor 20 Tahun 2003 tentang Sistem Pendidikan Nasional;
2. Undang-Undang Nomor 12 Tahun 2012 tentang Pendidikan Tinggi;
3. Peraturan Pemerintah Nomor 65 Tahun 2013 tentang Statuta Institut Teknologi Bandung;
4. Keputusan Majelis Wali Amanat ITB Nomor 014/SK/I1-MWA/2015 tentang Pengangkatan Rektor ITB Periode 2015-2020;
5. Keputusan Senat ITB Nomor 015/SK/K01-SA/2004 tentang Kebijakan Riset Institut Teknologi Bandung;
6. Keputusan Rektor ITB Nomor 045/I1.B04/III/2019 tentang Ketentuan Besaran Bantuan Publikasi Jurnal dan Proceeding berdasarkan *Scimago Journal and Country Rank* Tahun 2019.

MEMUTUSKAN

- Menetapkan :
PERTAMA : Daftar nama dan judul penerima bantuan publikasi jurnal dan proceeding berdasarkan *Scimago Journal and Country Rank* Tahun 2019 Tahap V sebanyak 61 (Enam puluh satu) judul sebagaimana tercantum dalam Lampiran Keputusan ini.
- KEDUA : Biaya yang diperlukan untuk bantuan publikasi jurnal dan proceeding sebagaimana dimaksud pada diktum PERTAMA Keputusan ini dibebankan kepada Rencana Kegiatan dan Anggaran (RKA) Sispran I, Lembaga Penelitian dan Pengabdian kepada Masyarakat (LPPM) ITB
- KETIGA : Keputusan ini berlaku sejak tanggal ditetapkan sampai dengan diterbitkannya keputusan penerima bantuan tahap berikutnya, dengan ketentuan apabila terdapat kekeliruan akan diperbaiki sebagaimana mestinya.

Tembusan Yth:

1. Rektor;
2. Para Wakil Rektor;
3. Para Dekan Fakultas/Sekolah;
4. Ketua Satuan Penjaminan Mutu;
5. Ketua Satuan Pengawas Internal;
6. Para Direktur;
7. Para Ketua Lembaga;
8. Masing-masing yang bersangkutan.

Ditetapkan di : Bandung
pada tanggal : 22 Oktober 2019

a.n REKTOR,
Wakil Rektor Bidang Riset, Inovasi dan Kemitraan

Prof. Dr. Ir. BAMBANG RIYANTO TRILAKSONO
NIP. 19621115 198703 1 004

Lampiran Keputusan Rektor ITB
 Nomor : 313/I1.B04/SK-WRRIM/X/2019
 Tanggal : 22 Oktober 2019

**DAFTAR NAMA DAN JUDUL PENERIMA
 BANTUAN PUBLIKASI JURNAL DAN PROCEEDING BERDASARKAN
 SCIMAGO JOURNAL AND COUNTRY RANK TAHAP V
 INSTITUT TEKNOLOGI BANDUNG
 TAHUN 2019**

No	Nama	NIP	Fakultas/ Sekolah	Nama Jurnal	Judul Artikel
1	Dr. Muhammad Rais Abdillah, S.Si., M.Sc.	118110103	FITB	Environmental Research Letters	Indicators and trends of polar cold airmass
2	Dr. Eng. Asep Saepuloh, ST., M.Eng.	198001122012121002	FITB	IOP Conf. Series: Earth and Environmental Science	Detection of ground thermal anomaly under dense vegetation based on ASTER TIR images
	Dr. Eng.Ir. Suryantini, M.Sc.	197111152008012019	FITB		
3	Dr. Dasapta Erwin Irawan, ST., MT.	197604172008011007	FITB	Research Ideas and Outcomes (Riojournal)	Promoting data sharing among Indonesian scientists: A proposal of generic university-level Research Data Management Plan (RDMP)
4	Dr. Rusmawan Suwarman, S.Si., MT.	198108302010121002	FITB	IOP Conference Series: Materials Science and Engineering	Flood Indices for Java Island Using Global Satellite Mapping of Precipitation
	Dr. Tri Wahyu Hadi, M.Sc.	196502181993021001	FITB		
	Muhammad Ridho Syahputra, S.Si., M.Si.	198210012014041001	FITB		
5	Dr. Eng. Muhammad Miftahul Munir, S.Si., M.Si.	198007232008121001	FMIPA	Measurement and Control	A simple solar simulator with highly stable controlled irradiance for solar panel characterization
	Prof. Dr. Eng. Khairurrijal, M.Si.	196502161991031002	FMIPA		
	Hamzah Latief, M.Si., Ph.D.	196310141991031002	FITB		
6	Dr. Eng. Muhammad Miftahul Munir, S.Si., M.Si.	198007232008121001	FMIPA	Aerosol and Air Quality Research (AAQR)	Aerosol Chamber Characterization for Commercial Particulate Matter (PM) Sensor Evaluation
	Prof. Dr. Eng. Khairurrijal, M.Si.	196502161991031002	FMIPA		
7	Prof. Edy Soewono, Ph.D	195206261980031003	FMIPA	Applied Mathematics and Computation	The effect of reinfection with the same serotype on dengue transmission dynamics
8	Prof. Edy Soewono, Ph.D	195206261980031003	FMIPA	Ecological Complexity	Assessing the interplay between dengue incidence and weather in Jakarta via a clustering integrated multiple regression model
9	Prof. Dr.rer.nat. Umar Fauzi	196405041989031002	FMIPA	Journal of Petroleum Exploration and Production Technology	Calculation of anisotropy permeability from 3D tomographic images using renormalization group approaches and lattice Boltzmann method
	Dr. Fourier Dzar Eljabbar, S.Si., M.Si.	198010192010121002	FMIPA		
	Dr.rer.nat. Sparisoma Viridi, S.Si.	197312011999031002	FMIPA		

No	Nama	NIP	Fakultas/ Sekolah	Nama Jurnal	Judul Artikel
10	Prof. Dr.rer.nat. Umar Fauzi	196405041989031002	FMIPA	NME 2018: Proceeding of the 1st International Conference on Numerical Modelling in Engineering (Lecture Notes in Mechanical Engineering, 2019)	Numerical Calculation of Electric and Elastic Properties of Porous Rocks as a Function of Fluid Saturation
	Dr. Fourier Dzar Eljabbar, S.Si., M.Si.	198010192010121002	FMIPA		
11	Prof. Hendra Gunawan, Ph.D	196412291988021001	FMIPA	Mediterranean Journal of Mathematics	The Hardy-Littlewood maximal operator on discrete Morrey spaces
12	Prof. Dr. I Made Arcana, MS	196408251988101001	FMIPA	Bulletin of Chemical Reaction Engineering & Catalysis	Green Synthesis of [EMIm]Ac Ionic Liquid for Plasticizing MC-based Biopolymer Electrolyte Membranes
	Dr. Deana Wahyuningrum, S.Si., M.Si.	197509121999032002	FMIPA		
13	Prof. Dr. I Made Arcana, MS	196408251988101001	FMIPA	Materials Science Forum, Materials Engineering and Nanotechnology	Improving Conductivity Performance of Chitosan by Carboxymethylation Reaction: Synthesis and Characterization
14	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	Theoretical Chemistry Accounts	The study of nitroxide radical redox-couple and anatase surface interaction: a guide to choose the best sensitizer
15	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	IOP Conference Series: Materials Science and Engineering	Additional Halogen Group (F, Cl, and Br) to 2-Phenyl-imidazole[1,2- <i>b</i>]pyridine on Corrosion Inhibition Properties: A Computational Study
16	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	AIP Conference Proceedings	Computational study to determine redox potential of nitroxide radical and their derivatives compounds along with their analysis as redox-coupe in dye sensitized solar cells (DSSC)
17	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	AIP Conference Proceedings	Computational study of electronic properties of carbazole derivatives compounds as sensitizer on dye-sensitized solar cells (DSSC)
18	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	IOP Conference Series: Materials Science and Engineering	Preparation of reduced Graphene Oxide (rGO) assisted by microwave irradiation and hydrothermal for reduction methods
19	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	IOP Conference Series: Materials Science and Engineering	Synthesis of zeolite ZSM-11 using bamboo leaf as silica source
20	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	Journal of Physics: Conference Series	Ab Initio Study on Electronic Structure of Some Imidazole Derivatives and Its Correlation with Corrosion Inhibition Properties
21	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	Journal of Physics: Conference Series	Computational Study of Inclusion Complexes between Omeprazole Enantiomer with Hydroxypropyl- β -Cyclodextrin
22	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	MATEC Web of Conferences	The increased use value of bamboo leaves as silica source for t-type zeolite synthesis

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23	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	MATEC Web of Conferences	Synthesis of zeolite L using rice husk ash silica for adsorption of methylene blue: Kinetic and adsorption isotherm
24	Dr. Atthar Luqman Ivansyah, S.Si., M.Si.	118110008	FMIPA	Journal of Physics: Conference Series	A Molecular docking study to predict enantioseparation of some chiral carboxylic acid derivatives by methyl- β -cyclodextrin
25	Dr. Henry Setiyanto, S.Si., MT.	197301242008121002	FMIPA	Russian Journal of Electrochemistry	Applicability of Alginate Film Entrapped Yeast for Microbial Fuel Cell
26	Prof. Edy Tri Baskoro, M.Sc., Ph.D.	196405221989031002	FMIPA	Journal of Physics: Conference Series	Some unicyclic Ramsey (P3,Pn)- minimal graphs
	Hilda Assiyatun, M.Si., Ph.D.	196806291994022001	FMIPA		
27	Prof. Edy Tri Baskoro, M.Sc., Ph.D.	196405221989031002	FMIPA	Discussiones Mathematicae Graph Theory	On the Restricted size Ramsey number involving a path P3
	Dr. Saladin Uttunggadewa, M.Si.	196401291992021001	FMIPA		
28	Prof. Edy Tri Baskoro, M.Sc., Ph.D.	196405221989031002	FMIPA	Proceedings of the Jangjeon Mathematical Society	On size multipartite Ramsey numbers of $mK_{1,n}$ versus P3 or K1,3
	Dr. Suhadi Wido Saputro, S.Si., M.Si.	198212092008121002	FMIPA		
29	Prof. Edy Tri Baskoro, M.Sc., Ph.D.	196405221989031002	FMIPA	Proceedings of the Jangjeon Mathematical Society	The connected size Ramsey number for pair of matchings and small paths
	Hilda Assiyatun, M.Si., Ph.D.	196806291994022001	FMIPA		
30	Rachmat Hidayat, S.Si., M.Eng., Ph.D.	196812111994031004	FMIPA	Materials Research Express	Poly(ionic-liquid) from imidazoline-functionalized siloxane prepared by simple sol- gel route for efficient quasi-solid- state DSSC
	Dr. Eng. Herman, MS	196102121987031001	FMIPA		
31	Rachmat Hidayat, S.Si., M.Eng., Ph.D.	196812111994031004	FMIPA	Journal of Physics: Conference Series	Fabrications of Tapered Optical Fibers by Laser Induced Photopolymerization Technique
32	Rachmat Hidayat, S.Si., M.Eng., Ph.D.	196812111994031004	FMIPA	Journal of Physics: Conference Series	Ab-Initio Computations of Electronic Structures of Methylammonium Lead Bromide/Iodide Perovskites as Wide Bandgap Active Materials in Solar Cells
	Triati Dewi Kencana Wungu, S.Si., MT., Ph.D.	198212282014042001	FMIPA		
33	Rachmat Hidayat, S.Si., M.Eng., Ph.D.	196812111994031004	FMIPA	Journal of Physics: Conference Series	Preparations of Organo-Lead Halide Perovskite Layers in Humid Air Atmosphere and their Characteristics
34	Dr. Prabu Wardono, M.Des.	195704131989031001	FSRD	MAKARA Human Behavior Studies in Asia	The Impact of Music Games on the Social Interaction of Elderly Occupants in the Communal Room of a Nursing Home
	Dr. G. Prasetyo Adhitama, S.Sn., M.Sn.	197006171997031001	FSRD		
35	Dr. Prabu Wardono, M.Des.	195704131989031001	FSRD	Journal of Design and Built Environment	The impact of natural element's forms in emergency unit room toward nurse motivation and attitude during night shift: Case of santo borromeus hospital
	Dr. Yuni Maharani, S.Ds., MT.	198106302014042001	FSRD		

No	Nama	NIP	Fakultas/ Sekolah	Nama Jurnal	Judul Artikel
36	Dr. Prabu Wardono, M.Des.	195704131989031001	FSRD	Journal of Physics: Conference Series	Comparison of EEG sleep characteristic with music and aromatherapy stimuli
37	Prof. Dr. Rajesri, ST., MT.	197010121996032001	FTI	International Journal of Technology	IT Governance and ERP Post- implementation: Analysing the Impact of IT Business Alignment and IT Benefits Management on ERP Operation and Enhancement
38	Prof. Dr. Rajesri, ST., MT.	197010121996032001	FTI	Journal of Engineering and Technological Sciences	Healthcare data mining: Predicting hospital length of stay of dengue patients
39	Prof. Dr. Rajesri, ST., MT.	197010121996032001	FTI	International Journal of Managing Projects in Business	Managing Differences, Interaction, and Partnership Quality in Global Inter-firm Relationships: An Empirical Analysis on Offshore IT Outsourcing
	Prof. Dr. Ir. Dradjad Irianto, M.Eng.	196206231988021001	FTI		
	Prof. Dr. Ir. Iman Sudirman, DEA.	195001301974121001	FTI		
40	Adhitya Gandaryus Saputro, ST., M.Eng., Ph.D.	117110025	FTI	AIP Conference Proceedings	Study on Building Machine Learning Model to Predict Biodegradable-Ready Materials
41	Dr. Eng. Mochamad Donny Koerniawan, ST., MT.	197005181999031001	SAPPK	Sustainability	Visitor Perceptions and Effectiveness of Place Branding Strategies in Thematic Parks in Bandung City Using Text Mining Based on Google Maps User Reviews
42	Dr. Delik Hudalah, ST., MT., M.Sc.	198208202008121004	SAPPK	Asia Pacific Viewpoint	Low-tech Industry, regional Innovation system and inter-actor collaboration in Indonesia: The case of the Pekalongan batik industry
	Ridwan Sutriadi, ST., MT., Ph.D.	197001301998021001	SAPPK		
	Prof. Ir. Tommy Firman, M.Sc., Ph.D.	195004021977011001	SAPPK		
43	Sri Herliana, SP., M.Si.	111000067	SBM	Academy of Entrepreneurship Journal	SWOT analysis approach on SME's entrepreneurial competenc
44	Dr. Liane Okdinawati, ST., MT.	118110049	SBM	International Journal of Emergency Management	The role and multi parties interaction and coordination mechanism on disaster management
45	Dr. Aurik Gustomo, ST., MT.	197308171997021001	SBM	Journal of Entrepreneurship Education	An Analysis of Differences in Students Entrepreneurial Competencies between the Management and Entrepreneurship Study Programmes at the School of Business and Management (SBM) Institut Teknologi Bandung (ITB)
46	Dr. Aurik Gustomo, ST., MT.	197308171997021001	SBM	Journal of Workplace Learning	Understanding of narrative effects: The impact of direct storytelling intervention on increasing employee engagement among employees of state-owned enterprise in West Java, Indonesia
	Hary Febriansyah, S.Si., MT., Ph.D.	197802042015041001	SBM		
	Dr. Henndy Ginting, S.Psi., M.Si.Psikolog.	118110098	SBM		

No	Nama	NIP	Fakultas/ Sekolah	Nama Jurnal	Judul Artikel
47	Elin Julianti, S.Si., Apt., M.Si., Ph.D.	197604172010122001	SF	Marine Drugs	Phenalenones from a Marine-Derived Fungus <i>Penicillium</i> sp.
48	Zulfan Zazuli, S.Farm., M.Farm.	198811302015041002	SF	Frontiers in Pharmacology	Genetic Variations and Cisplatin Nephrotoxicity: A Systematic Review
49	Dr. Tri Suciati, M.Si.	196705291992032002	SF	Journal of Applied Pharmaceutical Science	A novel acemannan-chitosan modified lipid nanoparticles as intracellular delivery vehicles of antibiotic
50	Dr. Tri Suciati, M.Si.	196705291992032002	SF	Prosiding Serninar Nasional Pascasarjana Kimia	Enkapsulasi secara Simultan Senyawa Hidrofilik Acemanan dan Senyawa Hidrofobik Rifampisin dalam Lipid Nanopartikel
51	Dr.rer.nat. Sophi Damayanti, S.Si., M.Si.	197502202009122001	SF	Jurnal Ilmu Kefarmasian Indonesia	Interaction Study, Synthesis and Characterization of Molecular Imprinted Polymer Using Functional Monomer Methacrylate Acid and Dimethylamylamine as Template Molecule
	Prof. Dr. Slamet Ibrahim Surantaatmadja	195205301977011001	SF		
52	Dr.rer.nat. Sophi Damayanti, S.Si., M.Si.	197502202009122001	SF	Asian Journal of Chemistry	Synthesis and Characterization of Molecularly Imprinted Polymer with Dimethylamylamine as Template
	Prof. Dr. Slamet Ibrahim Surantaatmadja	195205301977011001	SF		
53	Prof. Dr. Slamet Ibrahim Surantaatmadja	195205301977011001	SF	Jurnal Kefarmasian Indonesia	Synthesis and Characterization Molecularly Imprinted Polymers for Analysis of Dimethylamylamine Using Acrylamide as Monomer Functional
	Dr.rer.nat. Sophi Damayanti, S.Si., M.Si.	197502202009122001	SF		
54	Prof. Dr. Slamet Ibrahim Surantaatmadja	195205301977011001	SF	Journal of Applied Pharmaceutical Science	Interaction binding study of dimethylamylamine with functional monomers to design a molecular imprinted polymer for doping analysis
	Dr.rer.nat. Sophi Damayanti, S.Si., M.Si.	197502202009122001	SF		
55	Endah Sulistyawati, S.Si., Ph.D.	196911191995122001	SITH	Journal of Mathematical and Fundamental Sciences	Tree community structure and composition of a one-hectare permanent plot in the montane zone of Mount Kerinci, Kerinci Seblat national park, Jambi
56	Endah Sulistyawati, S.Si., Ph.D.	196911191995122001	SITH	Biodiversitas	Analysis of the condition of forest interior and edge in mount Papandayan, West java, Indonesia based on floristic composition and structural characteristics of tree community
57	Prof. Dr. Ing. Ir. Benhard Sitohang	195407161980111001	STEI	Proceeding of the 2018 5th International Conference on Data and Software Engineering (ICoDSE)	Optimal Path Finding Algorithm Using Weighted Based Heuristic for Incoherent Mapping Repair
	Dr. techn. Saiful Akbar, ST., MT.	197405091998031002	STEI		
	Dr. Fazat Nur Azizah, ST., M.Sc.	197902102009122001	STEI		

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58	Prof. Dr. Ing. Ir. Benhard Sitohang	195407161980111001	STEI	International Journal of Electrical and Computer Engineering (IJECE)	Coevolution of Second-Order-Mutant
	Bayu Hendradjaya, ST., MT., Ph.D.	196907291998021001	STEI		
59	Prof. Dr. Ing. Ir. Benhard Sitohang	195407161980111001	STEI	Proceedings of the 2018 International Conference on Data Science and Information Technology (DSIT 2018)	An Implementation of Graph Mining to find The Group Evolution in Communication Data Record
	Dr. Ir. Gusti Ayu Putri Saptawati S., M.Comm.	196509241995012001	STEI		
60	Prof. Dr. Ir. Bambang Riyanto Trilaksono	196211151987031004	STEI	Proceedings IEEE 8th International Conference on System Engineering and Technology	Implementation of real-time monitoring system for hazardous chemical gas distribution
	Egi Muhammad Idris Hidayat, ST., M.Sc., Ph.D.	198110272015041001	STEI		
61	Prof. Dr. Ir. Bambang Riyanto Trilaksono	196211151987031004	STEI	Proceedings 2018 IEEE 8th International Conference on System Engineering and Technology	Modeling and implementation of hexacopter guidance system using fuzzy logic control under wind disturbance
	Egi Muhammad Idris Hidayat, ST., M.Sc., Ph.D.	198110272015041001	STEI		

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NIP. 19621115 198703 1 004