



# UNIVERSITAS GADJAH MADA

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Nomor : 4724/UN1/DITLIT/PJ.00.02/2024

26 Agustus 2024

Lampiran : Satu berkas

Hal : Pemberitahuan Pemenang Program Penghargaan Karya Ilmiah Sudah Terbit  
Periode Juni Tahun 2024

Yth. Pemenang Penghargaan Karya Ilmiah Sudah Terbit Periode Juni Tahun 2024  
Universitas Gadjah Mada

Berdasarkan hasil seleksi Penghargaan Karya Ilmiah Sudah Terbit pada Jurnal dan Prosiding Terindeks pada Database Pengindeks Bereputasi Periode Juni Tahun Anggaran 2024 dengan pengusulan melalui simaster dan berdasarkan berita acara nomor 4723/UN1/DITLIT/PJ.00.02/2024, Direktorat Penelitian menyampaikan selamat kepada Bapak/Ibu pengusul yang dinyatakan sebagai pemenang sebagaimana tercantum dalam tabel (terlampir).

Berkaitan dengan hal tersebut, Direktorat Penelitian akan memberikan waktu sabbatical selama 5 (lima) hari kerja setelah pemberitahuan ini dipublikasikan. Bapak/Ibu dapat menghubungi narahubung Khusnun Fauziyyah, S.P. pada nomor +62 811-2576-950.

Atas perhatian dan kerja sama yang baik, kami sampaikan terima kasih.

Direktur Penelitian,

*ditandatangani secara elektronik*

Prof. Dr. Mirwan Ushada, S.T.P., M.App.Life.Sc.  
NIP 198105182009121003

Tembusan:

1. Wakil Rektor Bidang Pendidikan dan Pengajaran
2. Fakultas Biologi
3. Fakultas Farmasi
4. Fakultas Geografi
5. Fakultas Ilmu Sosial dan Ilmu Politik
6. Fakultas Kedokteran Gigi
7. Fakultas Kedokteran Hewan
8. Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan
9. Fakultas Kehutanan
10. Fakultas Matematika dan Ilmu Pengetahuan Alam
11. Fakultas Peternakan
12. Fakultas Psikologi
13. Fakultas Teknik
14. Fakultas Teknologi Pertanian
15. Sekolah Pascasarjana
16. Sekolah Vokasi



**Lampiran Surat Nomor 4724/UN1/DITLIT/PJ.00.02/2024 Tanggal 26 Agustus 2024**

Pemenang Penghargaan Karya Ilmiah Sudah Terbit pada Jurnal dan Prosiding Terindeks pada Database Pengindeks Bereputasi Periode Juni Tahun Anggaran 2024

| No | Nama Pengusul                                      | Fakultas/Sekolah | Judul  | Kategori Penghargaan           |
|----|--|------------------|--|--------------------------------|
| 1  | Prof. Dr. Budi S. Daryono, M.Agr.Sc.               | Fakultas Biologi | Begomovirus Infection Patterns in Melons of Indonesian Lowlands: Growth Trends Among Ecosystems and Genotypes                                      | Q3                             |
| 2  | Prof. Dr. Budi S. Daryono, M.Agr.Sc.               | Fakultas Biologi | Genetic Variation of Fei Banana ( <i>Musa troglodytarum</i> L.) in Maluku Islands using RAPD Markers   | Q4                             |
| 3  | Dr. med.vet. Hendry T.S.S.G. Saragih, M.P.         | Fakultas Biologi | Nile Tilapia ( <i>Oreochromis niloticus</i> ) Gill Powder as a Novel Feed Additive for Enhanced Histological Structure and Performance in Broilers | Q4                             |
| 4  | Prof. Dr. Susi Ari Kristina, S.Farm., M.Kes., Apt. | Fakultas Farmasi | Using the Simulated Patient Method to Evaluate the Community Pharmacy Management of Childhood Diarrhoea: A Systematic Review                       | Q3                             |
| 5  | Prof. Dr. Susi Ari Kristina, S.Farm., M.Kes., Apt. | Fakultas Farmasi | Mapping the research on healthcare students' empathy: Insights from a bibliometric analysis  | Q3                             |
| 6  | Prof. Dr. Satibi, S.Si., M.Si. Apt.                | Fakultas Farmasi | Role and challenges of community pharmacists in managing mental health care in Indonesia: A mix-method study                                       | Q1/Q2 IF tinggi                |
| 7  | Prof. Dr. Satibi, S.Si., M.Si. Apt.                | Fakultas Farmasi | Perception, attitude and stigma of community pharmacists toward patients with mental disorders: a cross-sectional study                            | Q4                             |
| 8  | Prof. Dr.rer.nat. apt. Adam Hermawan, M.Sc.        | Fakultas Farmasi | Transcriptomics analyses reveal the effects of Pentagamaboronon-0-ol on  | Q1/Q2 Kolaborasi Internasional |



| No | Nama Pengusul                               | Fakultas/Sekolah  | Judul   | Kategori Penghargaan           |
|----|---|-------------------|---|--------------------------------|
|    |   |                   | PI3K/Akt and cell cycle of HER2+ breast cancer cells.   |                                |
| 9  | Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc.   | Fakultas Geografi | Assessing the accuracy of open-source digital elevation models for the geomorphological analysis of very small islands of Indonesia | Q1/Q2 Kolaborasi Internasional |
| 10 | Dr. Bachtiar Wahyu Mutaqin, S.Kel., M.Sc.   | Fakultas Geografi | Multi-hazard assessment in the coastal tourism city of Denpasar, Bali, Indonesia  | Q1/Q2 IF tinggi                |
| 11 | Dr. Tjahyo Nugroho Adji, S.Si., M.Sc.Tech.  | Fakultas Geografi | Relation of morphometric characteristics to land degradation in the Biyonga sub-watershed, Gorontalo Regency, Indonesia             | Q3                             |
| 12 | Dr. Mukhamad Ngainul Malawani, S.Si., M.Sc. | Fakultas Geografi | Dynamics of the aeolian landform at the coastal geosite of Parangtritis sand dune area, Yogyakarta                                  | Q3                             |
| 13 | Ratih Fitria Putri, S.Si., M.Sc., Ph.D.     | Fakultas Geografi | Analysis of agricultural land carrying capacity in North Sumatra Province in 2020   | Proceeding                     |
| 14 | Ratih Fitria Putri, S.Si., M.Sc., Ph.D.     | Fakultas Geografi | The Dynamic of Labors Absorption During the Covid-19 Pandemic in Bangka Belitung Islands  | Proceeding                     |
| 15 | Ratih Fitria Putri, S.Si., M.Sc., Ph.D.     | Fakultas Geografi | Settlement quality assessment based on physical and non-physical aspects: A study case in Prenggan, Kotagede District               | Proceeding                     |
| 16 | Ratih Fitria Putri, S.Si., M.Sc., Ph.D.     | Fakultas Geografi | Factors Affecting Stunting among Toddlers: A Case Study in West Nusa Tenggara Province  | Proceeding                     |
| 17 | Ratih Fitria Putri, S.Si., M.Sc., Ph.D.     | Fakultas Geografi | Improvement of the feasibility of developing transit-oriented development for Yogyakarta commuter line stations                     | Proceeding                     |
| 18 | Ratih Fitria Putri, S.Si., M.Sc., Ph.D.     | Fakultas Geografi | Employment analysis of North Kalimantan Province 2018-2020  | Proceeding                     |



| No | Nama Pengusul   | Fakultas/Sekolah   | Judul  | Kategori Penghargaan |
|----|---|--|--|----------------------|
| 19 | Ratih Fitria Putri, S.Si., M.Sc., Ph.D.               | Fakultas Geografi  | The settlement quality study based on the physical condition of the building and the socio-economic conditions of Prenggan Village Yogyakarta    | Proceeding           |
| 20 | Kafa Abdallah Kafaa, S.Sos., M.A.                     | Fakultas Ilmu Sosial dan Ilmu Politik                      | An Inclusive Social Health Insurance for People with Disabilities in Three Southeast Asia Countries: A Systematic Review                         | Q3                   |
| 21 | Bevaola Kusumasari, SIP., M.Si., Ph.D.                | Fakultas Ilmu Sosial dan Ilmu Politik                      | Power dynamics and resource dependence: NGO? government collaboration in Yogyakarta, Indonesia   | Q1/Q2 IF tinggi      |
| 22 | Nurhadi, S.Sos., M.Si., Ph.D.                         | Fakultas Ilmu Sosial dan Ilmu Politik                      | Risk Rationalities in Welfare State Policy and Practice in Indonesia: A Phenomenological Study of National Health Insurance in a Rural Community | Q2                   |
| 23 | Dr. drg. Ananto Ali Alhasyimi, MD.Sc., Sp.Ort         | Fakultas Kedokteran Gigi                                   | Graphene-based Materials as Surface-coating Devices: a Breakthrough to Reduce Medical-device Associated Infections in Dentistry                  | Proceeding           |
| 24 | Prof. drg. Diatri Nari Ratih, M.Kes., Ph.D., Sp.KG(K) | Fakultas Kedokteran Gigi                                   | Management missed canal tooth and broken file using ultrasonic instrument  | Q4                   |
| 25 | Prof. drg. Suryono, S.H., M.M., Ph.D.                 | Fakultas Kedokteran Gigi                                   | Potential of 10% propolis-based toothpaste on the inhibition of biofilm-forming bacteria growth in vitro   | Q3                   |
| 26 | Prof. Dr. drh. Siti Isrina Oktavia Salasia            | Fakultas Kedokteran Hewan                                  | Development of antibodies against recombinant staphylococcal enterotoxin B from food poisoning cases   | Q2                   |
| 27 | Dr. drh. Asmarani Kusumawati, M.P.                    | Fakultas Kedokteran Hewan                                  | The Quality of KUB Rooster Sperm During Cryopreservation in Extender with Genistein and Glutathione Supplementation                              | Q3                   |
| 28 | dr. Yudha Mathan Sakti, Sp.OT(K)                      | Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan | Spina bifida occulta at the lumbar spine level manifested as chronic low back pain and unpredictable neurologic deficit: A case report           | Q3                   |



| No | Nama Pengusul                                     | Fakultas/Sekolah   | Judul  | Kategori Penghargaan |
|----|---|--|--|----------------------|
| 29 | dr. Yuni Artha Prabowo Putro, Sp.OT.              | Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan | Isolated skeletal Langerhans cell histiocytosis in adults: A case report   | Q3                   |
| 30 | dr. Siti Nur Rohmah, Sp.PD.                       | Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan | Effect of intradialytic aerobic exercise intervention on dialysis adequacy and quality of life in patients with end-stage kidney disease undergoing hemodialysis at Dr. Sardjito General Hospital, Indonesia | Q2                   |
| 31 | dr. Alessandro Alfieri, M.Med.Sc.                 | Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan | Erythema nodosum leprosum necroticans: a case report of an atypical severe type 2 leprosy reaction and literature review   | Q2                   |
| 32 | dr. Hilmi Muhammad, Sp.OT.                        | Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan | Surgical Correction of Ischiopagus Tripus Conjoined Twins with Fused Pelvis: Enhancing Quality of Life through Orthopedic Intervention   | Q3                   |
| 33 | dr. Hilmi Muhammad, Sp.OT.                        | Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan | Severe complex neglected infantile Blount disease acute correction by Ilizarov frame: A case report  | Q3                   |
| 34 | dr. Amelia Nur Vidyanti, Sp.S(K), Ph.D            | Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan | The impact of medial temporal and parietal atrophy on cognitive function in dementia   | Q1/Q2 IF tinggi      |
| 35 | dr. Dian Kesumapramudya Nurputra, M.Sc, Ph.D, SpA | Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan | Multidisciplinary approach on divergent outcomes in spinal muscular atrophies: comparing DYNC1H1 and SMN1 gene mutations   | Q2                   |
| 36 | Dra. Neni Trilusiana Rahmawati, M.Kes., Ph.D.     | Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan | The Ancient People of Balinese: A Study of Health Status Based on Paleopathology remains   | Q3                   |
| 37 | Dwiko Budi Permadi, S.Hut., M.Sc., Ph.D           | Fakultas Kehutanan   | Strategic Management of Talas Beneng (Xanthosoma undipes) Agroforestry in Ciamis Regency, Indonesia  | Q3                   |



| No | Nama Pengusul                                   | Fakultas/Sekolah                              | Judul  | Kategori Penghargaan |
|----|---|---|--|----------------------|
| 38 | Prof. Dr. Ganis Lukmandaru, S.Hut., M.Agr.      | Fakultas Kehutanan                            | Contribution of extractives to the bark color of <i>Caesalpinia sappan</i>   | Q2                   |
| 39 | Prof. Dr. Ir. Ronggo Sadono, IPM.               | Fakultas Kehutanan                            | The Role of Stakeholders in the Management of Jurang Jero Nature Tourism Object in Mount Merapi National Park, Central Java, Indonesia   | Q2                   |
| 40 | Prof. Dr. Ir. Ronggo Sadono, IPM.               | Fakultas Kehutanan                            | Enhancing land cover and carbon storage through rehabilitation of degraded lands into Wono: a case study of a small-scale private forest in Dengok Village, Gunungkidul, Yogyakarta, Indonesia (1972-2021)     | Q3                   |
| 41 | Prof. Dra. Tutik Dwi Wahyuningsih, M.Si., Ph.D. | Fakultas Matematika dan Ilmu Pengetahuan Alam | Enhancement of the sensitivity of chalcone derived from vanillin as chemosensor agents for Hg(II) ions through cyclization reaction with arylhydrazine   | Q3                   |
| 42 | Akhmad Syoufian, Ph.D.                          | Fakultas Matematika dan Ilmu Pengetahuan Alam | Photodegradation of Phenol under Visible Light Irradiation Using Cu-N-codoped ZrTiO <sub>4</sub> Composite as a High-Performance Photocatalyst - 2024  | Q3                   |
| 43 | Dr.rer.nat. Adhitasari Suratman, S.Si., M.Si.   | Fakultas Matematika dan Ilmu Pengetahuan Alam | Okara biochar immobilized calcium-alginate beads as eosin yellow dye adsorbent   | Q3                   |
| 44 | Prof. Dr.Eng. Edi Suharyadi, S.Si., M.Eng.      | Fakultas Matematika dan Ilmu Pengetahuan Alam | Magnetically separable and reusable Fe <sub>3</sub> O <sub>4</sub> /chitosan nanocomposites green synthesized utilizing <i>Moringa oleifera</i> extract for rapid photocatalytic degradation of methylene blue | Q3                   |
| 45 | Prof. Dr. Endang Tri Wahyuni, M.S.              | Fakultas Matematika dan Ilmu Pengetahuan Alam | Efficient removal of Cr(VI) contaminant using recoverable silica from volcanic ash as natural adsorbent: Synthesis and activity in the mechanism and kinetic adsorption.                                       | Q1/Q2 IF tinggi      |



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|----|---|---|---|----------------------|
| 46 | Dr. Winarto Haryadi, M.Si.                                | Fakultas Matematika dan Ilmu Pengetahuan Alam | Untargeted LC/HRMS Metabolomics Analysis and Anticancer Activity Assay on MCF-7 and A549 Cells from Coleus amboinicus Lour Leaf Extract   | Q2                   |
| 47 | Prof. Dr.-Ing. Mhd. Reza M. I. Pulungan, S.Si., M.Sc.     | Fakultas Matematika dan Ilmu Pengetahuan Alam | Self-attention and asymmetric multi-layer perceptron-gated recurrent unit blocks for protein secondary structure prediction   | Q1/Q2 IF tinggi      |
| 48 | Prof. Drs. Retantyo Wardoyo, M.Sc., Ph.D.                 | Fakultas Matematika dan Ilmu Pengetahuan Alam | Multi-objective reinforcement learning for bi-objective time-dependent pickup and delivery problem with late penalties  | Q1/Q2 IF tinggi      |
| 49 | Dr. Ir. Endy Triyannanto, S.Pt., M.Eng., IPM., ASEAN Eng. | Fakultas Peternakan                           | Meta-analysis of the effects of gamma irradiation on chicken meat and meat product quality  | Q2                   |
| 50 | Dr. Aji Praba Baskara, S.Pt.                              | Fakultas Peternakan                           | Nutrient Composition and Cell-Wall Structure of Palm Kernel Cake Supplemented with Enzymes  | Q4                   |
| 51 | Prof. Dr. Tina Afiatin, M.Si., Psikolog                   | Fakultas Psikologi                            | Family Factors Associated With Bullying Among Adolescents in Asia: A Scoping Review   | Q3                   |
| 52 | Dr. Ir. Faridah, S.T., M.Sc., IPU                         | Fakultas Teknik                               | An indoor airflow distribution predictor using machine learning for a real-time healthy building monitoring system in the tropics   | Q2                   |
| 53 | Hari Agung Yuniarto, S.T., M.Sc., Ph.D.                   | Fakultas Teknik                               | Customer's response to dynamic pricing in utility energy tariff quality and reliability with the time of use: An empirical case study of household electricity customers in Indonesia | Q1/Q2 IF tinggi      |
| 54 | Dr.Eng. Igi Ardiyanto, S.T., M.Eng                        | Fakultas Teknik                               | GIVTED-Net: GhostNet-Mobile Involution ViT Encoder-Decoder Network for Lightweight Medical Image Segmentation   | Q1/Q2 IF tinggi      |
| 55 | Dr. Ir. Andang Widi Harto, MT.                            | Fakultas Teknik                               | Burnup and neutronic parameter analysis of GAMA molten salt reactor (GAMA-MSR)  | Q1                   |



| No | Nama Pengusul   | Fakultas/Sekolah             | Judul   | Kategori Penghargaan |
|----|---|------------------------------|---|----------------------|
| 56 | Dr. Ir. Andang Widi Harto, MT.                            | Fakultas Teknik              | Neutronic characteristic analysis of the GAMA microreactor.   | Q1/Q2 IF tinggi      |
| 57 | Dr. Ir. Andang Widi Harto, MT.                            | Fakultas Teknik              | Neutronic characteristics of the GAMA aqueous homogeneous reactor (GAMA-AHR)  | Q1                   |
| 58 | Dr. Ir. Jayan Sentanuhady, S.T., M.Eng., IPU., ASEAN Eng. | Fakultas Teknik              | Instability of Detonation Wave at Downstream of Aluminum Crimped Ribbon   | Q2                   |
| 59 | Rahmadi Hidayat, S.T., M.Eng., Ph.D.                      | Fakultas Teknik              | For me, for you, or for the environment? Explaining young consumers' motives for adopting electric cars based on the fundamental motive framework | Q1                   |
| 60 | Dr.Ing. Teguh Ariyanto, S.T., M.Eng.                      | Fakultas Teknik              | An Approach For Selecting CO2 Removal Technology In Indonesia's Upstream Natural Gas Industry Using AHP Method                                    | Q3                   |
| 61 | Prof. Dr. Ir. Eni Harmayani, M.Sc.                        | Fakultas Teknologi Pertanian | Evaluation of Glucomannan as a Fat Replacer in the Dough and Cookies Made from Fermented Cassava Flour and Soy Protein Concentrate                | Q1/Q2 IF tinggi      |
| 62 | Prof. Dr. Mirwan Ushada, S.T.P., M.App.Life.Sc.           | Fakultas Teknologi Pertanian | Application of taguchi method in production factors of traditional spice-based ready-to-drink based on sensory responses                          | Proceeding           |
| 63 | Prof. Dr. Mirwan Ushada, S.T.P., M.App.Life.Sc.           | Fakultas Teknologi Pertanian | Extracting Consumers' Perceptions for Indonesian Spice Drinks Using Social Media Data Mining and Kansei Engineering                               | Q3                   |
| 64 | Dr. Ir. Dina Ruslanjari, M.Si.                            | Sekolah Pascasarjana         | Two decades of bibliometric exploration on leadership in disaster management  | Q4                   |
| 65 | Ratna Noviani, SIP, M.Si., Ph.D.                          | Sekolah Pascasarjana         | Digital Intimacies and The Construction of Social Capital in Heteronormative Society: The Study of Dating App Users in Indonesia                  | Q1                   |
| 66 | Prof. Dr. Ignasius Loyola Setyawan Purnama, M.Si.         | Sekolah Pascasarjana         | Can we ensure access to water for all? Evidence from Batang coastal area, Indonesia   | Q2                   |





| <b>No</b> | <b>Nama Pengusul</b>                               | <b>Fakultas/Sekolah</b> | <b>Judul</b>   | <b>Kategori Penghargaan</b> |
|-----------|--|-------------------------|--|-----------------------------|
| 67        | Dr.Eng. Ganjar Alfian,<br>S.T., M.Eng.             | Sekolah Vokasi          | Application of the outlier detection method for web-based blood glucose level monitoring system  | Q3                          |
| 68        | Yudistira Hendra<br>Permana, S.E., M.Sc.,<br>Ph.D. | Sekolah Vokasi          | The Effect of the COVID-19 Pandemic on Mental Health: Quasi-Experimental Evidence from Indonesia | Q3                          |

