



# UNIVERSITAS GADJAH MADA

Bulaksumur, Yogyakarta 55281, Telp. +62 274 588688, 562011, Fax. +62 274 565223  
<http://ugm.ac.id>, E-mail: [setr@ugm.ac.id](mailto:setr@ugm.ac.id)

Nomor : 5228/UN1/DITLIT/PJ.00.02/2024

20 September 2024

Lampiran : Satu berkas

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

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

Berdasarkan hasil seleksi Penghargaan Karya Ilmiah Sudah Terbit pada Jurnal dan Prosiding Terindeks pada Database Pengindeks Bereputasi Periode Juli Tahun Anggaran 2024 dengan pengusulan melalui simaster dan berdasarkan berita acara nomor 5227/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 Hukum
6. Fakultas Ilmu Budaya
7. Fakultas Ilmu Sosial dan Ilmu Politik
8. Fakultas Kedokteran Gigi
9. Fakultas Kedokteran Hewan
10. Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan
11. Fakultas Kehutanan
12. Fakultas Matematika dan Ilmu Pengetahuan Alam
13. Fakultas Pertanian
14. Fakultas Peternakan
15. Fakultas Teknik
16. Fakultas Teknologi Pertanian
17. Sekolah Pascasarjana



**Lampiran Surat Nomor 5228/UN1/DITLIT/PJ.00.02/2024 Tanggal 20 September 2024**

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

No	Nama Pengusul	Fakultas/Sekolah	Judul	Kategori Penghargaan
1	Dr. Fajar Sofyantoro, S.Si., M.Sc.	Fakultas Biologi	Zebrafish as a model organism for virus disease research: Current status and future directions	Q1/Q2 IF tinggi
2	Wahyu Aristyaning Putri, S.Si., M.Sc., Ph.D.	Fakultas Biologi	Analysis of the anti-Alzheimer potential of bioactive compounds from Citrus hystrix DC. peel, leaf, and essential oil by network pharmacology	Q1/Q2 IF tinggi
3	Prof. Dr. apt. Susi Ari Kristina, M.Kes.	Fakultas Farmasi	Digital Health Literacy and Its Associated Factors in General Population in Indonesia	Q3
4	apt. Woro Harjaningsih, Sp.FRS.	Fakultas Farmasi	Incidence of hypercholesterolaemia and hyperglycaemia in schizophrenic patients : Atypical antipsychotic and clinical variables	Q3
5	Dr. Rika Harini, S.Si., MP.	Fakultas Geografi	Climate Change Impact Analysis on Food Availability in the Province of Kalimantan Utara, Indonesia	Q3
6	Prof. Dr. Sri Rum Giyarsih, S.Si., M.Si.	Fakultas Geografi	Tsunami risk awareness, hazard warning knowledge, and intended evacuation behavior among beach users in Bantul, Indonesia.	Q1/Q2 IF tinggi
7	Ratih Fitria Putri, S.Si., M.Sc., Ph.D.	Fakultas Geografi	The effect of changes in labor absorption on structural economic transformation in Riau province before and during the COVID-19 pandemic	Proceeding
8	Ratih Fitria Putri, S.Si., M.Sc., Ph.D.	Fakultas Geografi	The Analysis of Manufacturing Industry Sector in Maluku Province	Proceeding
9	Ratih Fitria Putri, S.Si., M.Sc., Ph.D.	Fakultas Geografi	Aesthetic and cultural value of Nglanggeran ancient volcano geoheritage: A cultural geomorphology perspective	Proceeding



No	Nama Pengusul	Fakultas/Sekolah	Judul	Kategori Penghargaan
10	Muhammad Jibril, S.H., M.PrivateLaw	Fakultas Hukum	Governing AI in Hiring: An Effort to Eliminate Biased Decision	Proceeding
11	Hasyim Kurniawan, S.S., M.App.Ling.	Fakultas Ilmu Budaya	REVISITING THE ENGLISH STATUS IN THE OUTER AND EXPANDING CIRCLES: INSIGHTS FROM GOOGLE STREET VIEW®	Q4
12	Bevaola Kusumasari, SIP., M.Si., Ph.D.	Fakultas Ilmu Sosial dan Ilmu Politik	Algorithmic governance and AI: balancing innovation and oversight in Indonesian policy analyst	Q1/Q2 IF tinggi
13	drg. Cendrawasih Andusyana Farmasyanti, M.Kes.Sp.Ort(K).	Fakultas Kedokteran Gigi	Z-plasty surgery combined with orthodontic-prosthetic approach in the rehabilitation of aberrant frenum with congenitally multiple agenesis: A case report	Q3
14	Prof. Dr. drh. Siti Isrina Oktavia Salasia	Fakultas Kedokteran Hewan	Combination of curcuminoid and collagen marine peptides for healing diabetic wounds infected by methicillin-resistant Staphylococcus aureus	Q2
15	Prof. Dr. Med. dr. Retno Danarti, Sp.KK(K).	Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan	Asian herbal medicine for atopic dermatitis: a systematic review	Q3
16	Prof. Dr. Med. dr. Retno Danarti, Sp.KK(K).	Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan	Bone marrow transplantation and bone marrow-derived mesenchymal stem cell therapy in epidermolysis bullosa: A systematic review	Q2
17	Prof. dr. Gunadi, Ph.D, Sp.BA., Subsp.DA(K)	Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan	Challenges in the diagnosis and treatment of pure non-gestational uterine choriocarcinoma in a child: a case report	Q3
18	Prof. dr. Mei Neni Sitaresmi, Sp.A(K)., Ph.D.	Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan	Health-related quality of life of Indonesian children with hemophilia	Q1
19	Prof. dr. Mei Neni Sitaresmi, Sp.A(K)., Ph.D.	Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan	Digital Game Interventions to Improve Adolescent Reproductive Health Knowledge, Attitudes, and Self-	Q2



No	Nama Pengusul	Fakultas/Sekolah	Judul	Kategori Penghargaan
			Efficacy: A Systematic Review and Meta-Analysis	
20	Dr. Wenny Artanty Nisman, S.Kep., Ners., M.Kes.	Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan	Development and validation of Adolescent Sexual and Reproductive Health-Knowledge, Attitude, and Self-Efficacy Questionnaires (ASRH-KASeQ)	Q3
21	Prof. Dr. Christantie Effendy, S.Kp., M.Kes.	Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan	The Effectiveness of Cadre Training using Cancer Educational Videos on Knowledge and Self-Efficacy	Q4
22	Ari Prayogo Pribadi, S.T., M.T., Ph.D.	Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan	Analysis of the Effectiveness and User Experience of Employing Virtual Reality to Enhance the Efficacy of Occupational Safety and Health Learning for Electrical Workers and Graduate Students.	Q1/Q2 IF tinggi
23	Ir. Widyanto Dwi Nugroho, S.Hut., M.Agr., Ph.D., IPM.	Fakultas Kehutanan	Determination of the Boundary between Juvenile–Mature Wood of <i>Diospyros kaki</i> and Their Wood Anatomical Variations	Q2
24	Ir. Widyanto Dwi Nugroho, S.Hut., M.Agr., Ph.D., IPM.	Fakultas Kehutanan	Minimum invasive sampling method using hollow punch for tropical wood identification on Indonesian cultural heritage	Q2
25	Prof. Dr. Ir. Ronggo Sadono, IPM.	Fakultas Kehutanan	Enhancing the estimation accuracy of above-ground carbon storage in <i>Eucalyptus urophylla</i> plantation on Timor Island, Indonesia, through higher spatial-resolution satellite imagery	Q4
26	Prof. Dr. Ir. Ronggo Sadono, IPM.	Fakultas Kehutanan	Development of Land Cover and Carbon Storage in Plawangan Hill of Gunung Merapi National Park, Yogyakarta, Using Landsat Data Series 2009, 2013, 2017, and 2023	Q3
27	Adhi Dwi Hatmanto, S.Si., M.Sc., Ph.D.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Crystalline phase dependence of the electrochemical properties of chitosan/polyaniline/TiO <sub>2</sub> -KI/I <sub>2</sub> quasi solid polymer electrolyte	Q1/Q2 IF tinggi



No	Nama Pengusul	Fakultas/Sekolah	Judul	Kategori Penghargaan
28	Muhammad Alfian Amrizal, B.Eng., M.I.S., Ph.D.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Investigating the Impact of Optimal Data Transfer Intervals on Failure-prone Wireless Sensor Networks	Q1/Q2 Kolaborasi Internasional
29	Prof. Dr. Sismanto, M.Si.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Microtremor Analysis to Identify Fissure Vulnerable Zones in Demak, Central Java, Indonesia	Q2
30	Prof. Dr. Sismanto, M.Si.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Radiogenic geothermal systems of Bangka Island, Indonesia: Implications of high heat production and tectonic framework	Q1
31	Prof. Sholihun, S.Si., M.Sc., Ph.D.Sc.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Structural, Energetic, and Electronic Properties of H-Interstitial in C-Monovacancy: A First-Principles Density Functional Theory	Q3
32	Prof. Sholihun, S.Si., M.Sc., Ph.D.Sc.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Adsorption and formation energies of nucleobase-Fullerene: A first-principles simulation	Q3
33	Prof. Drs. Jumina, Ph.D.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Evaluation of The Anticancer Activity of Hydroxyxanthenes Against Human Liver Carcinoma Cell Line	Non Quartile
34	Prof. Drs. Jumina, Ph.D.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Synthesis, Activity Test and Molecular Docking of Novel Nitrophenylcalix[4]-2-methylresorcinarene Derivatives as Antimalarial Agent	Q4
35	Prof. Drs. Jumina, Ph.D.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Utilization of vanillin to prepare sulfated Calix[4]resorcinarene as efficient organocatalyst for biodiesel production based on methylation of palmitic acid and oleic acid	Q1/Q2 IF tinggi
36	Prof. Drs. Jumina, Ph.D.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Synthesis, Biological Activity, and Molecular Docking Study of Xanthenol and Its Disproportionation Products as Anticancer and Antimalarial Agents	Q4



No	Nama Pengusul	Fakultas/Sekolah	Judul	Kategori Penghargaan
37	Prof. Dr. rer. nat. Karna Wijaya, M.Eng.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Utilization of laboratory glove waste for fuel production through pyrolysis?hydrocracking consecutive process catalyzed by sulfated Indonesian natural zeolite	Q4
38	Prof. Dr. rer. nat. Karna Wijaya, M.Eng.	Fakultas Matematika dan Ilmu Pengetahuan Alam	Porous Al <sub>2</sub> O <sub>3</sub> ?pillared bentonite synthesized by sonochemistry and its performance as a catalyst in diethyl ether production via ethanol dehydration	Q4
39	Dr. Ir. Endang Sulistyaningsih, M.Sc.	Fakultas Pertanian	Growth and Yield of Shallot with application of Amino acid biostimulant dosages	Q3
40	Prof. Dr. Rudi Hari Murti, S.P., M.P.	Fakultas Pertanian	Viral complexity of tomatoes yellow mosaic and leaf curl diseases in lowland and highland areas	Q2
41	Ir. Panjono, S.Pt., MP., Ph.D., ASEAN Eng.	Fakultas Peternakan	Gross Margin Analysis of Brahman Cross Weaned Cattle Farmers with a Partnership System in Central Java	Proceeding
42	Dr. Ir. Chusnul Hanim, M.Si., IPM., ASEAN Eng.	Fakultas Peternakan	The Abundance of Bioactive Compounds in Fingerroot Essential Oil Before and After Self Nanoemulsifying Drug Delivery System (SNEDDS) as a Potential Substitute for Synthetic Antibiotics in Livestock	Q3
43	Dr. Ir. Chusnul Hanim, M.Si., IPM., ASEAN Eng.	Fakultas Peternakan	Effect of Differences Breeds on Performance and Nutrient Digestibility in Etawa Cross Breed and Sapera Goat	Proceeding
44	Dr. Muhsin Al Anas, S.Pt.	Fakultas Peternakan	Dietary jack bean (Canavalia ensiformis L.) supplementation enhanced intestinal health by modulating intestinal integrity and immune responses of broiler chickens.	Q1/Q2 IF tinggi
45	Dr. Ir. Endy Triyannanto, S.Pt., M.Eng., IPM., ASEAN Eng.	Fakultas Peternakan	Characteristics of Pork Quality as Influenced by Gamma Irradiation: A Meta-Analysis Approach	Q3



No	Nama Pengusul	Fakultas/Sekolah	Judul	Kategori Penghargaan
46	Prof. Dr. Ir. Ali Agus, DAA., DEA., IPU., ASEAN Eng.	Fakultas Peternakan	Research Trends on Cage-Free Housing System in Laying Hens: A Bibliometric Analysis	Q4
47	Prof. Dr. Ir. Ali Agus, DAA., DEA., IPU., ASEAN Eng.	Fakultas Peternakan	Effect of turmeric powder supplementation on physical and chemical egg quality, antioxidant activity, and yolk fatty acid profile	Q4
48	Prof. Dr. Eng. Muhammad Zudhy Irawan, S.T., M.T.	Fakultas Teknik	Heterogeneity in activity and travel mode patterns of older Indonesians	Q1/Q2 IF tinggi
49	Ir. Wiratni, S.T., M.T., Ph.D., IPM.	Fakultas Teknik	Influences of substrate concentration and Fe-loaded zeolite/bentonite on the methane yield in sugarcane vinasse anaerobic digestion	Q1
50	Prof. Sarjiya, S.T., MT., Ph.D.	Fakultas Teknik	Optimal sizing and placement of battery energy storage system for maximum variable renewable energy penetration considering demand response flexibility: A case in Lombok power system, Indonesia	Q1/Q2 IF tinggi
51	Prof. Ir. Radianta Triatmadja, Ph.D.	Fakultas Teknik	THE LEACHING BEHAVIOR OF PERVIOUS MORTAR USED AS WATER FILTER IN RURAL AREAS	Q3
52	Prof. Ir. Radianta Triatmadja, Ph.D.	Fakultas Teknik	Leaching Potential and Effectiveness of Pervious Mortar Filters in Bacteria and Turbidity Removal from Surface Water	Q2
53	Dr. Hifni Mukhtar Ariyadi, S.T., M.Sc.	Fakultas Teknik	Design of the Organic Rankine Cycle (ORC) System Using R600 and R600a as Working Fluid	Proceeding
54	Achmad Pratama Rifai, S.T., M.Eng., Ph.D.	Fakultas Teknik	Multi-class Waste Classification Using Convolutional Neural Network	Q3
55	Achmad Pratama Rifai, S.T., M.Eng., Ph.D.	Fakultas Teknik	Detection of Human Emotions through facial expressions using hybrid convolutional neural network-recurrent neural network algorithm	Q1



No	Nama Pengusul	Fakultas/Sekolah	Judul	Kategori Penghargaan
56	Ir. Indra Perdana, S.T., MT., Ph.D.	Fakultas Teknik	Effect of Sulfate and Carbonate Ions on Lithium Carbonate Precipitation from a Low Concentration Lithium Containing Solution	Q1
57	Dr. Ir. Benazir, S.T., M.Eng.	Fakultas Teknik	Vegetation-based approached for tsunami risk reduction: Insights and challenges	Q1
58	Dr. Ir. Harintaka, S.T., MT., IPU, ASEAN Eng.	Fakultas Teknik	Current land subsidence in Jakarta: a multi-track SBAS InSAR analysis during 2017-2022 using C-band SAR data.	Q1/Q2 IF tinggi
59	Nazrul Effendy, S.T, M.T., Ph.D.	Fakultas Teknik	The Prediction of Thermal Sensation in Building Using Support Vector Machine and Extreme Gradient Boosting	Q3
60	Nazrul Effendy, S.T, M.T., Ph.D.	Fakultas Teknik	A design of a brain tumor classifier of magnetic resonance imaging images using ResNet101V2 with hyperparameter tuning	Q3
61	Prof. Himawan Tri Bayu Murti Petrus, ST., M.E., D.Eng.	Fakultas Teknik	Atmospheric Leaching Behavior and Kinetics of Nickel and Cobalt from Halmahera Limonite Ore	Q2
62	Prof. Dr.Eng. Ir. Arief Budiman, M.S.	Fakultas Teknik	Mass Transfer Phenomena during the Ultrasound-assisted Extraction of Algal Oil from <i>Spirulina</i> sp.	Q2
63	Ir. Ardiyanto, S.T., M.Sc., Ph.D., AEP., IPM	Fakultas Teknik	Musculoskeletal symptom survey and ergonomic assessments associated with maintenance tasks in the Indonesian railway industry	Q4
64	Dr. Rudiati Evi Masithoh, S.T.P., M.Dev.Tech.	Fakultas Teknologi Pertanian	Partial Least Square Regression for Nondestructive Determination of Sucrose Content of Healthy and <i>Fusarium</i> spp. Infected Potato ( <i>Solanum tuberosum</i> L.) Utilizing Visible and Near-Infrared Spectroscopy	Q4





No	Nama Pengusul	Fakultas/Sekolah	Judul	Kategori Penghargaan
65	Dr. Rudiati Evi Masithoh, S.T.P., M.Dev.Tech.	Fakultas Teknologi Pertanian	Shortwave infrared hyperspectral imaging for the determination of pork adulteration in minced beef and lamb	Q1/Q2 IF tinggi
66	Dr. Rudiati Evi Masithoh, S.T.P., M.Dev.Tech.	Fakultas Teknologi Pertanian	Evaluation of Indonesian Local Soybean Based on Chemical Characteristics and Visible - Near Infrared Spectra with Chemometrics.	Q4
67	Arima Diah Setiowati, S.T.P., M.Sc., Ph.D.	Fakultas Teknologi Pertanian	Improving the Quality of Dried Seaweed ( <i>Gracilaria</i> sp.) Through the Implementation of Good Aquaculture Practices (GAP) in Brebes, Central Java	Q3
68	Yunika Mayangsari, S.Si., M.Biotech., Ph.D.	Fakultas Teknologi Pertanian	Anti-Diabetic Effect of Okara Noodles on Streptozocin-Nicotinamide Induced Diabetic Rats.	Q3
69	Prof. Nurdiana Gaus, S.S., PGDIP., Ph.D	Sekolah Pascasarjana	Developing and Strengthening the Role of Institutions in Preventing and Addressing Sexual Violence in Higher Education	Q3

