



International Conference on Biology and Applied Science

Secretariat: Department of Biology, Faculty of Science and Technology
Maulana Malik Ibrahim State Islamic University of Malang
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PARALLEL SESSION

Topic : Plant Biodiversity
Room : Teratai Room
Day/Time : I / 12.45 – 13.45
Moderator : Eriyanto Yusnawan, Ph.D/Azizatur Rahmah, M.Sc

MN	Author	Title
12	Hermalina Sinay	The Using of Morphological Characters for Assesing Genetic Variability of Local Corn Cultivars From Kisar Island Southwest Maluku Regency
13	AYPBC Widyatmoko	Development of SCAR markers for identification of Teak clones
17	Evika Savitri	Growth and Flavonoid Content of <i>Gynura procumbens</i> (Lour) Merr. in Different Soil Water Content
25	Moh Rifqi Al Author	The Diversity and Utilization of Useful Plants in the Homegardens of Pariangan Subdistrict, Tanah Datar District, West Sumatra
30	Slamet Santosa	Physical structure of growing media, seed germination, and growth of <i>Pometia pinnata</i> Forst seedlings

Topic : Plant Biodiversity
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Moderator : Eriyanto Yusnawan, Ph.D/ Azizatur Rahmah, M.Sc

MN	Author	Title
38	Asri Putri	Tissue Culture Sterilization of <i>Callophylum inophyllum</i> : Renewable Energy Resources
45	Joko Kusmoro	Assesment of Corticolous Lichen Diversity in Padjajaran University, Main Campus, Jatinangor, Sumedang, west Java
63	Novita Chrisna Wardani	Micropropagation Protocol Of Juvenile Buds Are Derived From Mature Persimmon (<i>Diospyros Kaki</i> L.) Tree
69	Mohammad Basyuni	Phytochemical, Physicochemical, and Microscopic Analysis of Five True Mangrove Leaves
351	Fensa Eka Widjaya	Regression Analysis on Physical Quality of Straw, Elephant Grass, Leucaena, and Indigofera Leaves for Shipping Cattle Feed



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Topic : Plant Biodiversity
Room : Teratai Room
Day/Time : I / 15.00 – 16.00
Moderator : Dr. Evika Sandi Savitri, M.P/ Azizatur Rahmah, M.Sc

MN	Author	Title
93	I Koehuan	Corn Water Productivity growth using Stochastic Frontier Analysis – Malmquist Index (A case of West Timor – Indonesia)
94	Nunik Cokrowati	<i>Gracilaria verrucosa</i> growth rate cultivated using bottom off method
96	Hamidah Hamid	Diversity of Rambutan Fruit Variety (<i>Nephelium lappaceum</i> L.) Through The Morphological Approach
100	Muhammad Rizza Pahlevi	The wilting and death response of <i>Capsicum frutescens</i> L. in flooding stress
110	Novi Haryati	Can Small and Medium Enterprise Survive MEA 2025? A Case Study On Soybean Chips Enterprise In Malang, Indonesia

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Day/Time : I / 16.00 – 17.00
Moderator : Dr. Evika Sandi Savitri, M.P/ Azizatur Rahmah, M.Sc

MN	Author	Title
118	Susi Rahmawati	The Seagrass Carbon Content of 0.336 of Dry Weight Can be Applied in Indonesian Seagrasses
128	Aeng Saputra	The Pteridophyta Diversity In Jerieng Menduyung Nature Tourism Park, West Bangka
149	Eko Sri Sulasmi	Identification of Alkaloids Components from the Fronds of 5 Species Pteridophyta in Baluran Nasional Park
173	Hamidah Setiono	Relationship Analysis of the genus <i>Annona</i> with the RAPD Approach
177	Hartati Kartikaningsih	Characteristics Brown Seaweed Tea <i>Sargassum cristaefolium</i> From Talango Island, Madura, East Java



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Topic : Plant Biodiversity
Room : Teratai Room
Day Time : II / 08.00 – 09.00
Moderator : Eriyanto Yusnawan, Ph.D/ Azizatur Rahmah, M.Sc

MN	Author	Title
194	Harmini Harmini	Evaluation of Forage Quality and Mineral Content on Elephant Grass (<i>Pennisetum purpureum</i>) on Land Post-Coal Mining
195	Putri Wijayanti	Phenotypic and Molecular Characters of Transgenic Black Rice (<i>Oryza sativa</i> L.) “Cempo Ireng” Harboring OsRKD4 Gene
314	Innani Mukarromatus Sholehah	Study on the Gelatinization Properties and Amylose Content of Aromatic Rice from Indonesia
198	Maslahatul Ummah	Juwet Plant Conservation (<i>Syzygium cumini</i>) Using In Vitro Culture Techniques
205	Sartika Syafi	The Identification of Morphology and Analysis of Takka (<i>Tacca leontopetaloides</i> L.) Medicinal Plants In The North Maluku Province, Indonesia

Topic : Plant Biodiversity
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Day/Time : II / 09.00 – 10.00
Moderator : Dr. Evika Sandi Savitri, M.P/ Azizatur Rahmah, M.Sc

MN	Author	Title
229	Puguh Catur Wicaksana	<i>The Role Of Potassium And Calcium In Improving The Quality And Shelf Life Of Tomato (Lycopersicum esculentum var. servo)</i>
235	A Ghanaim Fasya	Isolation, Identification and Bioactivity of Steroids compounds from Red Algae <i>Euclima cottonii</i> Petroleum Ether Fraction
248	Anca Awal Sembada	Effect of Polyculture Cultivation System and Addition of Abscisic Acid (ABA) on Enhancement of Starch and Protein Content from Duckweed
249	Alda Wydia Prihartini Azar	Metabolic Profiles of <i>Leucobryum javense</i> Isolated from Two Different Locations in West Java
258	Sutini Sutini	Secondary Metabolite Cinnamic Acid Through in Vitro Culture <i>Camellia Sinensis</i> L Callus with Cobalt Metal Ion Elicitor



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Moderator : Dr. Evika Sandi Savitri, M.P/ Azizatur Rahmah, M.Sc

MN	Author	Title
72	Mohammad Basyuni	Epoxy Polyprenol and Epoxy Dolichol in Mangrove Plants, <i>Sonneratia alba</i> and <i>S. caseolaris</i> Old Leaves
346	Ulfa Nurrofingah	Physical Characteristics of Duck Pellets and Antioxidant Activity of Sweet Potato Leaves and Cassava Leaves
196	Harmini Harmini	Evaluation of the mineral content of elephant grass planted in post-coal mine fields in three different locations
279	Ummi Sholikhah	Morphological Characterization of Black Rice And Aromatic Rice
358	Agus Muji Santoso,	Bioactive Compounds, Nutrition, and Multitargeting Activities of Java Ginseng as Promising Antidibetics Herbs



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Topic : Biology Education
Room : Lotus Room
Day/Time : I / 12.45 – 13.45
Moderator : Dr. Eko Budi Minarno, M.Pd / Mujahidin Ahmad, M.Sc

MN	Author	Title
18	Didimus Tanah Boleng	Utilization of Local Natural Resources as a Learning Media According to the Biology Teachers of Senior High School at Samarinda, Indonesia
27	Rosmala Setiawati	Relevance Between Context and Content on The Respiratory System Material at Senior High School
113	Insar Damopolii	Integrating local resources into inquiry-based teaching materials to training students' science process skills
126	Afifah Putri Sari	Correlation Between Students' Metacognitive Awareness and Cognitive Learning Outcome on Plant Material in Al Abidin Bilingual Boarding School Surakarta
132	Memorita Walasari	The Analysis of Human Coordination System Material Based on Integration of Creative Thinking Aspect with Concept Map

Topic : Biology Education
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Day/Time : I / 13.45 – 14.45
Moderator : Dr. Eko Budi Minarno, M.Pd / Mujahidin Ahmad, M.Sc

MN	Author	Title
133	Rusmawati Dewi Pertiwi	Profile of Evaluation Thinking Skills Integrated <i>Concept Map</i> in Body Immune System Material in Senior High School Module
134	Popi Angriani	Theoretical Feasibility of E-Learning Media Based on Moodle on Immune System Material for Grade XI Senior High School Students
135	Mia Nurkanti	The Improvement of Students' Learning Outcomes On Human Respiratory System Using Visual Interactive Multimedia
148	Murni Sapta Sari	Formative Assessment in Project-based Learning: Supporting Alternative on yhe Learning Outcome of Biology Students in University
150	Rosniati Risna	An Overview of Environmental Education for Millennial Visitors in Indonesian Botanic Gardens



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MN	Author	Title
174	Zahra Zulina	Relationship Between Pro-Environmental Attitudes and Teaching Practice From the Students' Perception in Sidoarjo City.
182	Oktari Pradina Anggi	Improving of Student's Scientific Literacy Skills Through POGIL with SSI Context on the Topic Environmental Pollution
225	Ida Yuyu Nurul Hizqiyah	Habits of Mind Profile Of Biology Teacher In Secondary School
226	Cita Tresnawati	Meta-Strategy Analysis in Evaluating Pedagogy Ability Of Biology Student Teacher
308	Nia Nurdiani	The Roles of IM and LMS Moodle as TPACK Components on the Improvement of Embryology Concept Mastery of Prospective Biology Teachers

Topic : Biology Education
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Moderator : Dr. Eko Budi Minarno, M.Pd / Mujahidin Ahmad, M.Sc

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288	Tari Rezky Ayunda	Understanding Photosynthesis Videos: Students' Visual-Spatial Ability and Cognitive Activities in Senior High School
292	Fakhrurrazi Razi	Analysis of Students' Analytical Thinking Skills in Responding to the Development of the Industrial Revolution 4.0
297	Sujiyo Miranto	Analysis of The Model And Evaluation Developed By Teachers On Environmental Learning At Senior High School South Tangerang City
310	Mimi Halimah	Use of Video Modeling Examples To Improve Understanding of The Concept of Recombinant DNA Technology for Biology Teacher Candidates
320	Fitri Aryanti	Effectiveness of Field Study to Improve Mastery of Student Concepts in Vertebrate Zoology Learning



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Topic : Biotechnology
Room : Anggrek Room
Day/Time : I / 12.45 – 13.45
Moderator : Prof. Toshifumi Sakaguchi / Prilya Dewi Fitriasari, M.Sc

MN	Author	Title
31	In Supartinah Noer	The Culture Thalli of <i>Usnea flexuosa</i> Tayl. from Kamojang In Vitro
54	Hendro Risdianto	Kinetic Study of Crude Laccase from <i>Marasmius</i> sp.
74	Ika Atsari Dewi	Optimization of Virgin Coconut Oil (VCO) Production with Pulse Electric Field (PEF) Pretreatment (A Study on Voltage and Frequency)
86	Arie Febrianto Mulyadi	An Overview of Factors that Affected in Quality of Virgin Coconut Oil
87	Diah Ayuningrum	The Discovery of Uncultured Gamma Proteobacterium from Tunicate <i>Herdmania momus</i>

Topic : Biotechnology
Room : Anggrek Room
Day/Time : I / 13.45 – 14.45
Moderator : Prof. Toshifumi Sakaguchi/ Prilya Dewi Fitriasari, M.Sc

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102	Elizabeth Bahar	Rapid Detection of <i>Mycobacterium tuberculosis</i> Bacteria in Suspect Extrapulmonary Tuberculosis Patients with Liquid Media Culture Method MGIT960
103	Asep Awaludin Prihanto	Molecular Identification of <i>Staphylococcus</i> sp. Isolated from Catfish (<i>Clarias</i> sp.) and Its Antibacterial Activities
322	Nindya Ayuni Lestari	Bioprospecting Of Fruit Extracts And Endophytic Bacteria Isolated From Cermai (<i>Phyllanthus acidus</i> L.) As An Antibacterial Against Colorectal Bacteria
156	Rubiyatna Sakaroni	Identification of Potential Pathogen Fungi Which Cause Rotten on Porang (<i>Amorphophallus muelleri</i> Blume) Tubers
185	Alfi Inayati	Antifungal Activity of Volatile Organic Compounds from <i>Trichoderma virens</i>



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Day/Time : I / 15.00 – 16.00
Moderator : Dr. Romaidi, M.Si / Prilya Dewi Fitriasari, M.Sc

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187	Fatia Rizki Nuraini	Antioxidant Activity of Bioactive Compound Produced by Endophytic Fungi Isolated from Endemic Plant of South Kalimantan <i>Mangifera casturi</i> Kosterm
218	Tatik Khusniati	Quality of Yoghurt Using Juice Extracted From Mushroom And Nuts Paste Flour
220	Susanto Arif Sardjono	Crystallinity and Morphology of the Bacterial Nanocellulose Membrane extracted from Pineapple Peel Waste using High Pressure Homogenizer
240	Yelnititis Yelnititis	Invitro Germination and Multiplication of Kayu Kuku (<i>Pericopsis moonianabec. Ex. Heyne</i>), an endangered tree species in indonesia
245	Yunus Effendi	Metagenomic analysis of soil bacteria around rhizosphere area of <i>Canna edulis kerr</i>

Topic : Biotechnology
Room : Anggrek Room
Day/Time : I / 16.00 – 17.00
Moderator : Dr. Nur Kusmiyati, M.Si/ Prilya Dewi Fitriasari, M.Sc

MN	Author	Title
79	Rista Rista Nugraheni	Correlation Analysis of Dietary Fats and Fatty Acid Intake with Total Cholesterol and Triglycerides Levels Patients with Coronary Heart Disease at Dr. Moewardi Hospital Surakarta
83	Markus Iyus Supiandi	The Analysis of The Source Regarding Traditional Medication Knowledge on Dayak Iban in Lanjak Deras Village, Indonesia
84	Solichatul Afifah	<i>In silico</i> study on Flavonoids from Red Betel (<i>Piper crocatum</i> Ruiz & Pav.) as Microsomal Prostaglandin E Synthase-1 (mPGES-1) inhibitors in regulation of Rheumatoid Arthritis
85	Atikah Amalia	Apigenin Red Betel Compound (<i>Piper crocatum</i> Ruiz & Pav.) as an Antiinflammatory Rheumatoid Arthritis Agent Through Virtual Screening
116	Rhesi Kristiana	Characterization and identification of antibacterial compound from <i>Pseudoalteromonas piscicida</i> associated <i>Chromodoris lochi</i>



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Moderator : Dr. Nur Kusmiyati, M.Si/ Prilya Dewi Fitriyani, M.Sc

MN	Author	Title
295	Uun Yanuhar	The Potential of <i>Brachionus sp.</i> for Koi Fish (<i>Cyprinus Carpio</i>) Cultivation Infected by <i>Myxobolus sp.</i>
296	Bintang Nafsul Mutmainnah	Evaluation of Graph Construction for Next-Generation Sequence
303	Choirun Nisa	Potential Endophytic Fungi <i>Trichoderma sp.</i> as Antifungi Against <i>Fusarium oxysporum</i> Pathogens Causes of Wilt in <i>Capsicum frutescens L.</i>
306	Analekta Tiara Perdana	Optimization of Benzene and Toluene Biodegradation by <i>Aspergillus niger</i> and <i>Phanerochaete chrysosporium</i>
313	Dyah Maulidya Saraswati	Antibacterial Activity From Fruit Extract of <i>Gandaria (Bouea macrophylla Griff)</i> Against Colorectal Bacteria

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Moderator : Dr. Nur Kusmiyati, M.Si/ Prilya Dewi Fitriyani, M.Sc

MN	Author	Title
153	Alifia Issabella Mulyawati	Partial Purification and Characterization of Bacteriocins from <i>Lactobacillus plantarum</i> SB7 and <i>Bacillus amyloliquefaciens</i> BC9 Isolated From Sumbawa Fermented Mare's Milk as Food Preservative Candidates
202	Erin Nur Fitriani	Potential Antioxidant Activity of Black Garlic Processed on Different Heating Duration
208	Desi Ayu Sundari	Antibacterial Activity of Black Garlic Extract Processed at Different Heating Duration Againsts <i>Staphylococcus aureus</i>
251	Rodiyah Putri	Formulation Of <i>Hylocerius Polyrhizus</i> Caulis Extract As Eyeshadow Cream
359	Poppy Rahmatika Primandiri,	Genetics Marker in Some Medicinal Orchid through In Silico



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318	Dewi Yuliani	Isolation, Identification And Characterization Of Chromium-Lead Resistant Bacteria From Industrial Effluent In Malang, Indonesia
319	Zainal Abidin	Selection Of Nine Black Rice Genotypes through Testing of Genetic Variability and Heritability
321	Febrina Anjar Laxmi Safitri	Bioprospection of Fruit Extracts and Endophytic Bacteria Isolated From Dewandaru (<i>Eugenia uniflora</i> L.) as Colorectal Antibacteria
340	Rosytha Dewi Firdausi	The Potency of Namnam (<i>Cynometra cauliflora</i>) Fruits Extract as Antibacterial Againts Colorectal Pathogenic Bacteria
356	Akyunul Jannah	Characterization of Endoglucanase Encoding Gene of <i>Bacillus subtilis</i> of Indigenous From Rice Bran by In Silico Analysis
357	Elok Kamilah Hayati	Influence of Solvent and Extraction Time in Optimizing of Ultrasound-Assisted Extraction of Bioactive Alkaloid from Anting-Anting (<i>Acalypha indica</i> L.)

Topic : Environment
Room : Wijaya Kusuma Hall
Day/Time : I / 12.45 – 13.45
Moderator : Prof. Tatsuya Ueki/Bayu Agung Prahardika, M.Si

MN	Author	Title
3	Triyoni Purbonegoro	Larvae Abnormality of Green Mussel <i>Perna viridis</i> Due to Cadmium (Cd) and Copper (Cu) Exposure
19	Ilham Cahyo Nugroho	Accumulation Of Pb And Cu In <i>Padina</i> sp. At Tawang And Pidakan Beaches, Pacitan, East Java
24	Endar Widiah Ningrum	Ingestion of microplastics by anchovies from East Lombok harbour, Lombok Island, Indonesia
52	Vivin Sihombing	Heavy Metal Residues In Water and Fishes At Mangrove Conservation Area Karangsong, Indramayu
214	Tito Arif Sutrisno	Effects of Chemical Treatment on The Structure and Morphology of Bacterial Cellulose Film



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Topic : Environment
Room : Wijaya Kusuma Hall
Day/Time : I / 13.45 – 14.45
Moderator : Prof. Akira Kikuchi/Bayu Agung Prahardika, M.Si

MN	Author	Title
59	Rozza Tri Kwatrina	Oil Palm and Biodiversity: The Use of Spatial Analysis in Confirming the Environmental Issue
61	Diana Arfiati	Gut Content Analysis of Tilapia (<i>Oreochromis niloticus</i>) from Jagir River, Surabaya City, East Java
71	Ratna Puspita Haryati	Evaluatin of Chitin and Chitosan From Insect As Feed Additive To Mitigate Ruminant Methane Emission
73	Fitri Budiyanto	Risk Assessment on Mercury Concentration in Six Edible Mollusks from Bintan Island, Indonesia
77	Eny Wahyuning Purwanti	The Effect of Organic Biomass Application to The Diversity of Detritus Arthropods and Natural Enemies in Rice Field

Topic : Environment
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Moderator : Dr. Dwi Suheriyanto, MP/Bayu Agung Prahardika, M.Si

MN	Author	Title
109	Andiny Widya Utari	Filtration as a Technology to Decrease Household Wastewater in DKI Jakarta
112	Ina Zulaehah	The Critical Limit of Cadmium in Three Types of Soil Texture with Shallot as an Indicator Plant
139	Muhammad Abrar	Long-Term Monitoring of Coral Reef Condition at Abang Islands and Arouned Area, Batam Islands, Kepulauan Riau, Indonesia
143	Cindewiyani Cindewiyani	The Health of Coral Reefs and Underwater Ecosystems in Shallow Waters: Study on Tidung Island
145	Mulyanto Mulyanto	Local Knowledge of River Among Arab Ancestor Community In Palembang City



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Topic : Environment
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Day/Time : I / 16.00 – 17.00
Moderator : Prof. Akira Kikuchi/Bayu Agung Prahardika, M.Si

MN	Author	Title
152	Muhammad Aminuddin	Mangrove Forest Community Structure in Ekas Buana Village, East Lombok Regency, West Nusa Tenggara
155	Vinki Trigonanda Adity	Analysis of Noise in the Green Open Space Putri Kaca Mayang, Pekanbaru City
162	Dwi Suheriyanto	The Potential of Soil Arthropods as Bioindicator in Bangelan Coffee Agroforestry, Wonosari, Malang
164	Tika Putri Agustina	Plant Diversity and Uses of the Homegarden in Pujon Sub-district, Malang Regency, East Java, Indonesia
166	Ida Munfarida	Evaluation of Mangrove Ecosystem of Protected Area in Garut, West Java and Its Strategy for Environmental Protection

Topic : Environment
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Day/Time : II / 08.00 – 09.00
Moderator : Dr.Panupong Thammachoti /M. Asmuni Hasyim, M.Si

MN	Author	Title
168	Samsul Hadi	Biomass and Carbon Storage of Jor Bay Mangrove Forest in East Lombok
171	Asep Nugraha Ardiwinata	Contamination of Paraquat Residues in Soil And Water From Several Province In Indonesia
183	Sevi Sawestri	Assessment of Water Quality For Fisheries In Situ Gede, West Java
186	Yupi Isnaini	Exploration of Flora Diversity In Sebangka Island For Batam Botanic Gardens
191	Andy Wijanarko	The Ability of Organic Matters In Reducing Nitrogen Leaching and Their Effect On The Cassava Growth In Typic Hapludult
108	Ardaneswari Citraesmi	Managing Supply Chain Risk In Suppliers Of Coconut Milk Raw Material



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MN	Author	Title
199	Anita Rianti	Community Perception Around Plantation Forest Area in Ulak Kedondong Village, towards Sumatran Elephant (<i>Elephas maximus sumatranus</i>) Disturbance
201	I. L. G. Nurtjahjaningsih	Mating System of Two Priority Species for Ecosystem Restoration at Mount Merapi
209	Siti Sofiah	The canopy structure and Its Impact on Hydrological Performance of <i>Cananga odorata</i>
212	Andre Notohamijoyo	The Long Way of Ecolabel Scheme Acceptance In Indonesia: Case Study In Tuna Fisheries
213	Kristiyanto Kristiyanto	The Human of Activities Impacts to Plant Diversity and Its Suitable Habitat Based On Ecological Perspective

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Moderator : Dr. Panupong Thammachoti /M. Asmuni Hasyim, M.Si

MN	Author	Title
57	Yusup Setiawan	CO ₂ Flue Gas Capture for Cultivation of <i>Spirulina Platensis</i> in Paper Mill Effluent Medium
215	Prima Besty Asthary	Cultivation of <i>Spirulina platensis</i> Using WWTP Effluent and CO ₂ Emission of Papermill in Tubular Photobioreactor
222	Fitri Krismiratsih	The Ability of Rice to Adapt to High Soil Salinity with Various Application Azolla
227	Nicky Suwandhy Widhi Supriyanto	Synthesis And Characterization Calcium Oxide from Quail Eggshell Waste Through Ball Milling and Calcination
230	Elisabeth Srihayu Harsanti	A Potential Corn Cob Waste to Remediate Paddy Soil contaminated Endosulfan Residue (A Case study at Jombang District, East Java, Indonesia)
307	Abdul Muqsith	Carrying Capacity of Waters for Intensive Pond Vaname Shrimp Based on the Capacity of Aquatic Assimilation on Waste Nitrogen (N) and Phosphorus (P)



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Moderator : Berry Fakhry Hanifa, M.Sc/Suyono, M.P

MN	Author	Title
244	Aida Fithriyatur Rohmah	The Influence of Forest Fires on Soil Nitrogen (N) in The Ijen Crater Nature Park and The Baluran National Park
261	Alfino Sebastian	Population Structure and Natural Survivorship of Cembirit (<i>Tabernaemontana macrocarpa</i> . Jack) Seedling of More than 12 Leaves Cohort in Mangunan Protection Forests, Dlingo, Bantul.
263	Kharirotun Nafiah	Impact of Savanna Fires on Soil Insect Communities in Baluran National Park
264	Bayu Agung Prahardika	The Potency of Total Chromium Bioaccumulation By Indigenous Bacteria Reduction Hexavalent Chromium From Tannery Wastewater In Sukaregang, Garut, West Java
269	Dewi Elfidasari	Diversity and Density Pleco (Loricariidae) in Ciliwung River, Jakarta
326	Novita Anggraini	COD Value to Determination of BOD5 Dilution Factors in Faecal Sludge Waste (Case Study: Pulogebang Faecal Sludge Treatment Plant of DKI Jakarta Province)

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Moderator : Berry Fakhry Hanifa, M.Sc/Suyono, MP

MN	Author	Title
281	Khaerani Kiramang	Recomposition Ca in Fermented Rice Bran with Rumen Fluid
287	Dian Hartika	Relationship between Naturalist Intelligence with Environmental Attitude
290	Muh Azhari	The Role Of dewan Adat Dayak (Dad) In Conflict Settlement and Environmental Protection In Central Kalimantan
293	Iis Triyulianti	Vertical Distribution of Dissolved Oxygen, Dissolved Inorganic Nitrogen and Chlorophyll-a in Dissolved Oxygen, Dissolved Inorganic Nitrogen and Chlorophyll-a in Sunda and Karimata Straits, Indonesia



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Topic : Zoology
Room : Alamanda Room
Day/Time : I / 12.45 – 13.45
Moderator : Prof. Dr. Noppadon Kitana /F Berry Fakhry Hanifa, M.Sc

MN	Author	Title
151	Patchara Sittishevapark	Development of <i>in vitro</i> assays for hematotoxic activity of the Russell's viper <i>Daboia siamensis</i> venom
323	Vendi Eko Susilo	A New Record of <i>Varuna litterata</i> (Fabricius, 1798) from Meru Betiri National Parks, East Java, Indonesia
337	Huda Wiradarma	Variation Morphological Character of <i>Cyrtodactylus marmoratus</i> Gray 1831 on Java Locality
91	Luhur Septiadi	Morphological Variation of <i>Malayopython reticulatus</i> (Schneider, 1801) from Several Population in Indonesia
123	Regina Melianawati	Study on Biological Parameters of Blacksaddled Coral Grouper

Topic : Zoology
Room : Alamanda Room
Day/Time : I / 13.45 – 14.45
Moderator : Hendra Susanto, Ph.D/Fitriyah, M.Si

MN	Author	Title
16	Dyah Roeswitawati	Test of Entomopatogen Effectiveness of In Vitro <i>Metarhizium anisopliae</i> and <i>Numeraea rileyae</i> on <i>Spodoptera litura</i>
29	Andri Kusmayadi	Effects of Mangosteen Peel Extract Microcapsules Levels on the Amount and Differentiation of Cihateup Ducks Leukocytes
34	Nuzul Utami	The Effect Of Temulawak Extract On Food Intake And Weight Gain In Leprosy Patiens With Anemia
60	Ach. Khumaidi	A Case Studi on Mass Mortality of Hybrid Grouper (<i>Epinephelus</i> sp.) Cultured in "Kampung Kerapu" Situbondo Regency, Indonesia.
67	Denika Dellanerra	Screening And Characterization of Amylolytic Mold Originated From Ghost Crab (<i>Ocypode</i> sp.) In Cidaon, Ujung Kulon National Park



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Topic : Zoology
Room : Alamanda Room
Day/Time : I / 15.00 – 16.00
Moderator : Dr. Kiptiyah, M.Si/ Berry Fakhry Hanifa, M.Sc

MN	Author	Title
99	Yuliati Indrayani	Effect of Bait Density on Consumption Rates and Mortality of Subterranean Termite <i>Coptotermes curvignathus</i>
101	Bejo Slamet	Histological study on digestive system development of Black-saddled coral grouper (<i>Plectropomus laevis</i>) larvae
36	Hendra Susanto	The Physiological Effects of Campursari (Crossover Music Genre) Allegroin Sports on Circulating Cortisol and Testosterone Levels
90	Fandini Meilia Anjani	In Vitro Evaluation of Noni Juice Extract Waste (<i>Morinda citrifolia</i> L.) in Lactating Dairy Goat Diet
167	Sulistyo Mulyo Agustini	Efficacy of Grass Root Extract (<i>Cyperus rotundus</i> L.) towards LDL Level of Male White Rats (<i>Rattus norvegicus</i>) Wistar strain with Induction of Hyperlipidemia Diet

Topic : Zoology
Room : Alamanda Room
Day/Time : I / 16.00 – 17.00
Moderator : Dr. Bayyinatul Muchtaromah, M.Si/Fitriyah, M.Si

MN	Author	Title
169	Rizky Ramadhan	Supplementation Effectivity of Cassava and <i>Indigofera Zollingeriana</i> Leaves on Rumen Fermentation System of In Vitro
203	Elviara Suprpto	The Effect of Topical Extract Purple Sweet Potato (<i>Ipomoea batatas</i> L.) on Re-epithelialization Thickness and Percentage Closure of Wound Healing in <i>Rattus norvegicus</i> Wistar Strain Diabetes Model
219	Hendra Susanto	Wnt5A and Crebgenetic Profiling from Breast Cancer Patients: A Case Study of Malang Population
228	Rawati Panjaitan	Diversity of Butterflies (Lepidoptera) Caught Using by Fruit Traps on the 7 land use in Bukit Dua Belasan Harapan Forest Landscape, Jambi
231	Listijani Suhargo	The Effects OF <i>Lactobacillus rhamnosus</i> Protein ON Cell Proliferation of Mice Hyperplasia Prostat



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Topic : Zoology
Room : Alamanda Room
Day/Time : II / 08.00 – 09.00
Moderator : Dr. Kiptiyah, M.Si/Fitriyah, M.Si

MN	Author	Title
268	Afifah Nurazizatul Hasanah	Curcumin Improve Recombinant Therapeutic Antibody Production in Chinese Hamster Ovary (CHO) Cell Line by Regulating the Cell Cycle
273	Hilman Lila Rakasiwi	The Effect of Wungu Leaf Extract (<i>Graptophyllum pictum</i> (L.) Griff) on The Morphometry and Calcium Levels of The Femur Ovariectomized Mice (<i>Mus Musculus</i>)
282	Muhamad Firdaus	Effect of <i>Sargassum echinocarpum</i> Extract on Cu-Zn, Superoxide Dismutase expression in Liver and Kidney of Diabetic Rats
298	Dwi Astuti	Mitochondrial Gene Diversity among Critically Endangered Black-winged Myna Bird (<i>Acridoteres melanopterus melanopterus</i>) in Captivity
302	Sri Utami	Diversity and Abundance of Arthropods on Forest Stands in South Sumatra, Indonesia

Topic : Material Science
Room : Bougenvil Room
Day/Time : I / 12.45 – 13.45
Moderator : Didik Wahyudi, M.Si/Shinta, M.Si

MN	Author	Title
37	Rahmi Annisa	Formulation Design And Evaluation of Hydrocortisone-Loaded Nanoemulsion And Nanoemulsi Gel For Topical Delivery
51	Azimmatul Ihwah	Quality Control Analysis of Apple Juice Drink Using The T2 Hotelling Contol Diagram
53	Muhammad Ilman Nur Sasongko	Mechanical Properties of Al-Si Alloy Reinforced by Nanopowder Manganese Oxide using Stir Casting Method
78	Lisa Fitri Rahayu	The Effect of Materials to Form Viscous Paste of Carbonized Rice Straw (CRS) as Colorant of Noodle
98	Alief Muhammad	Determination of the Magnetic Properties of Sm ₂ Co ₁₇ at Various Sintering Temperature



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Topic : Material Science
Room : Bougenvil Room
Day/Time : I / 13.45 – 14.45
Moderator : Nur Aini, M.Si/Shinta, M.Si

MN	Author	Title
107	Ika Kartika	An investigation of α and α' Phases Intensity and Hardness of Ti-6Al-6Mo Implant Alloy Influenced by Solution Treatment Temperature and Quenching Media
114	Herin Fikri Naufal Zhorifah	Optimization of the Mastication Strength of Hydroxyapatite as an Eggshell-Based Tooth Filler
121	Nur Hayati	Fabrication and Properties of Proton Exchange Membranes Based on Chitosan Modified by Phthalic Anhydride and Montmorillonite Modified by APTES Blends for DMFC Applications
130	Mukarromah Mukarromah	Structural Characterization of Amorphous Carbon Films from Palmyra Sap
136	Andan Linggar Rucitra	Implementation Of Statistical Quality Control (SQC) In Quality Control Of Cocoa Powder (Case Study in PT. X)

Topic : Material Science
Room : Beugenvil Room
Day/Time : I / 15.00 – 16.00
Moderator : Didik Wahyudi, M.Si/Shinta, M.Si

MN	Author	Title
138	Adam Aswin Usman	Mangetic Properties of rGO/Fe ₃ O ₄ Microparticles Composites Based on Natural Materials
175	Jatmiko Eko Witoyo	The Effect of Feed Rate and Inlet Air Velocity to Reduced Calcium Oxalate on Chips Porang Using Micro-Mill Assisted Cyclone Separator
210	Dinda Anggara Firlianda	Heat Transfer Enhancement using Nanofluids (MnFe ₂ O ₄ - Ethylene Glycol) in Mini Heat Exchanger Shell and Tube
211	Brilian Shakti Kuncara	Convective Heat Transfer characteristics of TiO ₂ -EG Nanofluid as coolant Fluids in Heat Exchanger
217	Moh. Astono Basuki	The Effect of ZnO Addition Against Crystallinity and Water Absorption Capacity of Biofoam Based Cassava Starch Reinforced Bacterial Cellulose



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Topic : Material Science
Room : Bougenvil Room
Day/Time : I / 16.00 – 17.00
Moderator : Didik Wahyudi, M.Si/Shinta, M.Si

MN	Author	Title
242	Nur Aini	Synthesis, Characterization And Antibacterial Properties Of Silver Doped TiO ₂ Photocatalyst
260	Taufiq Mahsuli	Mechanical Properties of Bacterial Nanocellulose Membran from Pineapple Peel Waste After Homogenization Process
262	Susinggih Wijana	Optimization of Solubilizers Combinations of Transparent Liquid Soap with Addition of Peppermint (<i>Mentha piperita</i> L.) and Lavender (<i>Lavandula</i> , L.) Oil
274	Grace Maria Ulfa	The Influence of Acetic Anhydride in Swelling Power, Solubility, and Water Binding Capacity of Acetylated Sweet Potato Starch
294	Redyarsa Dharma Bintara	Characteristic of Ti Plate Alloy Implant in the Bending Process for Pelvic Bone Surgery Application

Topic : Material Science
Room : Bougenvile Room
Day Time : II / 08.00 – 09.00
Moderator : Dr. Romaidi, M.Si/Ruri Siti Resmisari, M.Si

MN	Author	Title
301	Retno Wulandari	Investigation on The Effect of Rotor Angle and Wind Velocity on The Savonius Wind Turbine
317	Umi Maslakah	Influence of ZrO ₂ Phases on ZrO ₂ /Al ₂ O ₃ Ceramics Composites Properties as a Prospective Materials to Dental Coating
329	Heru Suryanto	Effect of Carrageenan on the Structure of Cassava Starch Bioplastic After Extrusion Process
66	Imam Tazi	Design and Testing of electronic Nose for Determining The Pattern of Bad Breath Classification in Patients with Diabetes Mellitus and Pulmonary Tuberculosis (TBC)