MSTE (PENGETAHUAN) 2018

NO	NAMA	PTJ	TAJUK	PINGAT
1	DILIPKUMAR MASILAMANY	RI	Innovative Technique To Control Weedy Rice In Direct-Seeding Rice Culture	EMAS
2	KOGEETHAVANI RAMACHANDRAN	RI	Pathotype Profiling: A Decision Tool for Bacterial Leaf Blight Disease Resistance Genes Deployment in Rice	EMAS
3	DILIPKUMAR MASILAMANY	RI	Development of a Sex Pheromone-Based Trapping System for Management of Sweet potato Weevil in Malaysia	EMAS
4	NOR HANIS AIFAA BINTI YUSOFF	HR	AlgiCoat: Rapid Dry and Antifungal Fruit Coating Formulation for Papaya	EMAS
5	DR. SEW YUN SHIN	BT	Global Gene Expression Profiling in Pigmented and Non-pigmented Rice Grain for the Elucidation of Antioxidants and Micronutrients Traits	EMAS
6	DR. KOH SOO PENG	BT	SCOBY Jackfruit Beverages: New Anti-obesity Therapeutics Agent	EMAS
7	SITI NORHAYATI BINTI ISMAIL	GB	DNA identification of Pineapple	EMAS
8	MOHD SOLIHEN BIN JAMAL	RI	Preliminary Evaluation of Thermo-sensitive Genetic Male Sterile (TGMS) Rice for the Development of Two-line Hybrid Rice in Malaysia	EMAS
9	DR. KHALISANNI BIN KHALID	BT	Catalytic Effects of Ionic Salts on Flexible Nanoparticle (FN) in Colloidal Sytem	EMAS
10	DR. KHALISANNI BIN KHALID	BT	Kinetic and Rheological Studies for Flexible Nanoparticle in The Chemical Reaction	EMAS
11	DR. MOHD NAZRUL HISHAM BIN DAUD	TS	Antioxidant Potential of *Artocarpus heterophyllus* J33 Fruits Skin	EMAS
12	NOOR BAITI BINTI ABD AZIZ	HR	Assisted-pollination: Improve Jackfruit Hybridization	EMAS

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13	MOHD AZWAN BIN JAAFAR	GB	Developing High Performance Malaysian Red Tilapia through Marker Assisted Selection (MAS) Technology	EMAS
14	LIZA NURIATI LIM KIM CHOO	BE	Pineapple Residue Ash: The Solution for Nitrogen Loss in Peat?	EMAS
15	DR. MOHD. NORFAIZAL BIN HJ. GHAZALLI	GB	The Malaysian Sapindaceae Pollen Characteristics: Systematic Study For Pollen Identification and Micromorphology References	EMAS
16	NUR SABRINA BINTI WAHID	BT	Design and Synthesis of DNA Nanostructure for Specific DNA Sequence Detection for Application in Nanopipettes	EMAS
17	MOHD SHAHRIL FIRDAUS BIN AB RAZAK	GB	Identification of Candidate Gene and Functional Marker Related to Drought Tolerant Trait in Rice	EMAS
18	MOHD AZWAN BIN JAAFAR	GB	Assessing Breed Composition of Malaysian Katjang Goat with 50K SNP Panel	EMAS
19	TANG SIEW BEE	SS	The Next Potential Element for Integrated Insect Pest Management (IPM)	EMAS
1	ZULAIKHA BINTI MAZLAN	HR	Companion Planting And Reduced-Risk Insecticides for Managing Diamondback Moth, *Plutella Xylostella L.*, In Field Grown Cabbage	PERAK
2	DR. MASNIZA BINTI SAIRI	ER	Dielectric Measurement Technique for Fruit Internal Quality Assessment	PERAK
3	NOR AMNA A'LIAH BINTI MOHAMMAD NOR	ES	Level of the Technology Usage in Village Chicken Farm Management in Malaysia	PERAK
4	DR. ZAULIA BINTI OTHMAN	GB	*Lepisanthes fruticosa* (Roxb.) Leenh.: Post-harvest Technology for Processing Industry	PERAK

NO	NAMA	PTJ	TAJUK	PINGAT
5	AHMAD HAFIZ BIN BAHAROM	HR	Performance of Abp57 Gene in F1 Lines from Hybridization between Transgenic Donors with Commercial Rice Variety MR284 for Drought Tolerance	PERAK
6	THEEBA MANICKAM	SS	RiceFERT@MARDI: Site-Specific Fertilizer Recommendation Tool for Rice	PERAK
7	DR. MOHAMAD BAHAGIA BIN AB GHAFFAR	RI	Association Study Of Qtls Reference Markers Link To BPH Resistant Genes In F2 Population Of A Cross Involving Rathu heenati And MR219	PERAK
8	SABEETHA BINTI SARMIN	FS	Spotlight on Watermelon as Low Glycemic Index (GI) Food	PERAK
9	MUHAMMAD SHAFIE BIN MD SAH	GB	Survival And Recovery Evaluation Of Traditional Rice In Submergence Environment	PERAK
10	DR. FARAH FARHANAH BINTI HARON	GB	Antifungal Activity of *Allamanda Cathartica* Stem Crude Extract Against Rice Blast Disease Pathogen, *Pyricularia oryzae*	PERAK
11	AMIN ASYRAF BIN TAMIZI	BT	Diagnosis and Phylogenetic Analysis of a large Bicolored Stingless Bee Discovered in Borneo: A Possible New Species of the Subgenus Homotrigona	PERAK
12	IZLAMIRA BINTI ROSLAN	GB	Six Recognized Species of Hornstedtia (*Zingiberaceae)* in Peninsular Malaysia: Results of the New Records and Elevating Varieties to a Specific Rank	PERAK
13	NOOR SYAHIRA BINTI NASARUDIN	HR	Yield and Quality Evaluation of Several Potential Melons (*Cucumis melo*) Varieties	PERAK
14	SAIFUL ZAIMI BIN JAMIL	BE	Ecological Engineering: Steps Towards Sustainable and Resilient Rice Production Systems in Malaysia	PERAK
15	DR. SYAHIDA BINTI MAAROF	FS	Mixed Fruit Juice for Weight Management: A Healthy Lifestyle	PERAK

NO	NAMA	PTJ	TAJUK	PINGAT
16	DR. KHAIRUNIZAH HAZILA BINTI KHALID	FS	Rice-Based Chiffon Cake: Extraordinary Yet Fluffy	PERAK
17	RAFIDAH BINTI BADRUN	BT	Systemic Acquired Resistance (SAR) Inducer and Markers as an Alternative Strategy for Papaya Dieback Disease Management	PERAK
18	MOHD SYAUQI BIN NAZMI	ES	Benchmarking of Dairy Production Technology Towards Agricultural Modernizations in Malaysia	PERAK
19	TAN YING JU	AS	The Eggs-Tender: Maximizing Sperm Shelf Life	PERAK
20	MOHD AZHAR BIN HASSAN	HR	Evaluation and Selection of Papaya Hybrid Tolerant to Papaya Dieback Disease	PERAK
21	WAN KHAIRUL ANUAR BIN WAN ALI	SS	Golden Approach Of Biopesticides: Silent Killer Of Major Pests On Misai Kucing, *Orthosiphon stamineus* In Malaysia.	PERAK
22	ZUWARIAH BINTI ISHAK	FS	JackSeed Protein: An Alternative Plant Protein Powder From *Artocarpus heterophyllus*	PERAK
23	RAWAIDA BINTI RUSLI	ES	MARDI'S New Food Product Development: Consumers' Acceptance towards Nutritious Functional Food Products	PERAK
24	MOHD FAHIMEE BIN JAAPAR	BE	Queen Behaviour: Unlocking the Oviposition of *Heterotrigona itama*.	PERAK
25	KHADIJAH BINTI AWANG	GB	*Baccaurea ramiflora* Lour. (Pupor): Potential for Food and Landscape	PERAK
1	MOHD SHAHRIL FIRDAUS BIN AB RAZAK	GB	Functional Marker: Toward a Precision Breeding for Bacterial Leaf Blight Resistance in Rice	GANGSA
2	RAHINIZA BINTI KAMARUZAMAN	RI	Application of Cleaved Amplified Polymorphic Sequence (CAPS) Marker for Inheritance Study of Sub 1 Gene in Segregating F2 Population	GANGSA
3	NIK ROZANA BINTI NIK MOHD MASDEK	ES	Current Issues and Challenges in the Floriculture Industry: Exporter and Entrepreneur Level Analysis	GANGSA

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4	NURUL AIN BT ABU BAKAR	BE	Efficient Degrader Booster For Lignocellulosic Mass Handling In Rice Production System	GANGSA
5	FARAH ZAIDAT BINTI MOHD NADZRI	HR	Evaluation and Selection of Horn-Type Dendrobium Orchids as Potential Landscape Plants	GANGSA
6	SYAHIRAH BINTI ABD. RAZAK	CC	Exploring the Relationships Among Knowledge, Involvement, and Food Waste Prevention Behaviour of Malaysia's Household	GANGSA
7	SITE NOORZURAINI BINTI ABD RAHMAN	GB	Basmathi 370: the Identified Drought Tolerant Variety through Phenotypic and Genotypic Traits	GANGSA
8	MOHD FAIZ BIN MUSA	PB	Frozen Food Processing Technology Workshop at MARDI: Contribution to the Development of Technopreneurs	GANGSA
9	MOHD HAFIZUDIN BIN ZAKARIA	ES	Potential of Non-food Coconut Products in Malaysia	GANGSA
10	NAZRUL HISHAM BIN NAZARUDDIN	BT	Unraveling the Genetic Code of Ceri Terengganu Fruit	GANGSA
11	MOHD MASRI BIN SARANUM	BE	Biopesticides from Zingiberaceae: Temu Hitam, *Curcuma aeruinosa* as Repellant, Larvicidal and Anti-feeding Activity Against Cabbage Head Caterpillar, *Crocidolomia binotalis* (Lepidoptera: Pyralidae)	GANGSA
12	RAHINIZA BINTI KAMARUZAMAN	RI	Breeding Strategies: Progress of Drought Tolerance Improvement in Malaysian Elite Rice Variety	GANGSA
13	WAHID BIN SAID	RI	Long Congestion at Paddy Processing Mill	GANGSA
14	MOHAMED HAFEIFI BIN BASIR	HR	Alternative Media Substrates Combination and Capillary Particles for GreenKit™	GANGSA
15	MOHD NADZIM BIN NORDIN	ER	Improvement of Variable Rate Pump and Fan Type Nozzle for Drone Spraying Application	GANGSA
16	HASSAN BIN SAJI	PB	Stingless Bee Rearing Pilot Project in Sarawak: Collection of Honey	GANGSA

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17	RASMUNA MAZWAN BINTI MUHAMMAD	ES	Technology Adoption Of Melon Fertigation System Among Agropreneurs : A Case Study Of Rock Melon In Peninsular Malaysia.	GANGSA
18	MOHD WAZNUL ADLY BIN MOHD ZAIDAN	BT	Appraising the Carotenoids Content and Its Associated Genes in Marigold	GANGSA
19	NORHAYATI BINTI ZAINI	AS	Evaluation on meat quality of Male Dorper Sheep Weaned at Different Ages	GANGSA
20	JOANNA CHO LEE YING	HR	Dynamic Controlled Atmosphere (DCA) Storage: Keeping Carambola (B10) Fruits in Optimum Condition	GANGSA
21	DR. JEEVEN KARRUPPAN	FS	Anti Inflammation Properties Of Mixed Fruit Nectar	GANGSA
22	NOR AHYA BINTI MAHADI	SS	*Opisina Arenosella*: A Threat to Malaysia's Coconut Industry and its Potential Parasitoid.	GANGSA
23	MOHD ZAFFRIE BIN MAT AMIN	ES	Economic Valuation of Bee Pollination: Consumer Willingness to Pay for Wild Honey Bee Conservation in Malaysia	GANGSA
24	ASLINAH LEE NYUK FONG BT MD RIZAL LEE	PB	High-fiber Condiment Powder: a Transformation from Fermented Guava Core Waste.	GANGSA
25	MAISARAH BINTI MOHAMAD SAAD	RI	Food and Reproduction Preferences of Rice Weevil, *Sitophilus oryzae* L. to Different Rice Types in Malaysia	GANGSA
26	MOHAMMAD SHAHID BIN SHAHRUN	SS	Sensitive, Fast and High Throughput Approach For Detection of Problematic Multiresidue Pesticide in Water Samples Using LCMSMS	GANGSA
27	SITI ZAINAB BINTI JANTAN	GB	Application of SSR Markers in Genetic Diversity Among Malaysian Local Durian (*Durio zibethinus*)	GANGSA
28	DR. ZULKIFLI AHMAD BIN SEMAN	BT	Transcriptome Analysis And Development Of SSR Molecular Markers For Genotyping Study Of *Lepisanthes Fruticosa* (Ceri Terengganu).	GANGSA
29	MOHD AZIZ BIN RASHID	BE	Determining the Suitability of Agro-Climatic Zones for Harumanis Production	GANGSA

NO	NAMA	PTJ	TAJUK	PINGAT
30	DR. AZLINA BINTI MANSOR	BT	Exploitation of Agri-Industrial By-Products as Cost Effective Substrates for Tannase Production via Solid State Fermentation	GANGSA