

2019 SATU JRS Matching Result

Project Code	PI	Joint Research Project Title	Co-PI	Co-PI University
CMU 1	Tawei Chu	A Study Of Sesan Riverine Communities' Livelihood, With A Focus On Cambodia'S Stung Treng Province	Yu-Sheng Lin	National Cheng Kung University
HU 1	Duc Huy Nguyen	Investigation The Role Of Fusarium Oxysporum Laccase System In Response To The Synthetic Dyes	Khanom Simarani	University of Malaya
HU 2	Hoang Khanh Linh Nguyen	Strengthening Sustainable Urban Toward Green City	Norazrena Abu Samah	Universiti Teknologi Malaysia
HU 3	Nhân Hào Trần Việt	Nuclear Physics	Meng-Hock Koh	Universiti Teknologi Malaysia
NCKU 1	Chia-Yu Lin	Development Of Earth-Abundant Materials Based Electrocatalysts For	Hieng Kiat Jun	University Tunku Abdul Rahman
			Chin Wei Lai	University of Malaya
NCKU 3	Watchareeya Kaveevivitchai	High-Capacity Energy Storage Based On Affordable And Environmentally-Friendly Materials	Siti Rohana Majid	University of Malaya
			Joon Ching Juan	University of Malaya
			Li Wang	National Cheng Kung University
			Chin Wei Lai	University of Malaya
NCKU 4	Wei Hsin Chen	Wet Torrefaction In Acidic Solution Of Microalgae Biomass For Co-Production	Hwai Chyuan Ong	University of Malaya
			Steven Lim	University Tunku Abdul Rahman
NCKU 5	Xiaoding Qi	Artificial Flux Pinning Centers For Enhanced Current Transport In Fete1-Xsex Superconductor	Soo Kien Chen	Universiti Putra Malaysia
NCKU 7	Yu-Chuan Lin	Multifunctional Oxide Catalysts To Produce Renewable Chemicals From Ethanol	Taufiq Yun Hin Yap	Universiti Putra Malaysia
			Hwei Voon Lee	University of Malaya
			Wen Liu	Nanyang Technological University
			Sibudjing Kawi	National University of Singapore
NCKU 9	Kuang-Yen Liu	Experimental and analytical study on the New RC column subjected to seismic loading	Bing Li	Nanyang Technological University
NCKU 10	Guey Chuen Perng	Emerging And Re-Emerging Infectious Diseases In Maternal Health	Jang Hann Chu	National University of Singapore
			Sazaly Binabubakar	University of Malaya
NCKU 11	Ing-Chao Lin	Deep Learning Acceleration Using Hardware-Software Codesign On Fpga	Cuong Pham-Quoc	Vietnam National University, Ho Chi Minh City
			Thang Viet Huynh	The University of Danang-University of Science and Technology

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NCKU 12	Jiun-Jih Miao	Complex Interaction Studies Between The Primary And Inner Vortices Of Delta-Shaped Diamond And Saccon Wing Models.	Shabudin Bin Mat	Universiti Teknologi Malaysia
NCKU 13	Jo-Shu Chang	Sustainable Approach To Wastewater Treatment Using Symbiotic Co-Cultivation Of Microalgae And Bacteria	Tau Chuan Ling	University of Malaya
			Ly Ngoc Ta	The University of Danang-University of Science and Technology
NCKU 14	Li Wang	A Hybrid Ac/Dc Microgrid System With Various Renewable-Energy Resources	Sandeep - Anand	Indian Institute of Technology Kanpur
			Manoj Tripathy	Indian Institute of Technology Roorkee
			Clarence Augustine Th Tee	University of Malaya
NCKU 15	Rong-Fu Kuo	Development Of Automatic Salivary Suction In Elderly Patients	Rudee Surarit	Mahidol University
NCKU 16	Rong-Ju Cherng	Application Of Video-Based Exergames For Children With Disabilities	Maziah Mat Rosly	University of Malaya
			Sujitra Boonyong	Chulalongkorn University
NCKU 17	Torbjörn Nordling	Deep Learning And Learning In Children	Margaretha Margaretha	Universitas Airlangga
UM 2	Fung Shin Yee	Medicinal Mushrooms / Mushroom Based Natural Products For Health And Wellness	Rumiyati Rumiyati	Universitas Gadjah Mada
UM 3	Goh Boon Tong	Investigation Of The Physical Properties And Magnetic Phase In Controlled Growth Ni ₃ Si ₂ Nanowires For Smart	Heejeong Jeong	University of Malaya
			Min Kai Lee	National Cheng Kung University
			Lieh-Jeng Chang	National Cheng Kung University
UM 4	Hazlie Bin Mokhlis	Quantitative Resilience Assessment Of Power System With Distributed Energy Resources	Li Wang	National Cheng Kung University
UM 5	Hazreena Binti Hussein	Neighbourhood Park Characteristics In Stress Problems Among Adolescent	Wan Mohd Azam Wan Mohd Yunus	Universiti Teknologi Malaysia
UM 6	Hazreena Binti Hussein	Campus Green Space In Universities From The Aspect Of Psychological Well-Being	Syam Rachma Marcillia	Universitas Gadjah Mada
UM 7	Joon Ching Juan	Photocatalysis For Environment Remediation	Endang Tri Wahyuni	Universitas Gadjah Mada
			Sze Mun Lam	University of Malaya
			Thomas Chung-Kuang Yang	National Taipei University of Technology
UM 8	Khor Sook Mei	Smart Sensor Kit For Breast Cancer	Nguyen Khanh Vu	Vietnam National University, Ho Chi Minh City

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			Wan-Ju Yeh	National Cheng Kung University
UM 9	Kiew Lik Voon	Development Of Ultrasound-Responsive-Biostealth-Nano-Pouch For Effective Delivery And Controlled-Release Of Tumour Penetrating Metallic Nanoparticles	Chia-Ching Chang	National Chiao Tung University
UM 11	Lai Chin Wei	Advanced Oxidation Processes For Wastewater Treatment Using Solar-Activated Carbon-Tio2 Nanotubes Film	Swatantra Pratap Singh	Indian Institute of Technology Bombay
			Jin Chung Sin	University Tunku Abdul Rahman
			Poernomo Gunawan	Nanyang Technological University
UM 13	Lai Khin Wee	Deep Learning Of Knee Magnetic Resonance Images For Osteoarthritis Analysis	Sik Loo Tan	University of Malaya
UM 14	Lau Beng Fye	New Generation Schizophyllum Commune (Cendawan Kukur): Immunomodulatory And Anti-Inflammatory Activities Of Selected Hybrids In Relation To Their Chemical Composition	Eng Poh Ng	Universiti Sains Malaysia
UM 15	Ling Tau Chuan	Development Of Efficient Wastewater Treatment Strategy Utilizing Microalgae-Bacteria Co-Cultivation	Eng Poh Ng	Universiti Sains Malaysia
			Hsin Albert Chu	National Cheng Kung University
			Chin-Tsan Wang	National Ilan University
			Yu-An Lin	National Ilan University
UM 17	Looi Mee Lee	Testing Of Nanofiber Scaffolded Marine Active Compound On A 3D Hyperglycemic Cellular Wound Model	Gopinath Packirisamy	Indian Institute of Technology Roorkee
UM 18	Mohd Roslan Bin Mohd Nor	Middle East Issues Or Religious Extremism	Misnal Munir	Universitas Gadjah Mada
			Charanjit Kaur Darshan Singh	University Tunku Abdul Rahman
UM 23	Chang Siow Wee	Integrated Multi-Omics Analytical Framework For Biomarkers Discovery In Alzheimer'S Disease	Debnath Pal	Indian Institute of Science Bangalore
UM 24	Nor Hafizah Binti Ramli	Experimental And Analytical Investigation Of Square Cfdst Columns Subjected To Axial Compressive, Cyclic And Push-Out Loading	Po-Chien Hsiao	National Taiwan University of Science and Technology

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UM 25	Nurhidayatullaili Binti Muhd Julkapli	Development Of Biodegradable And High Strength Rubber Composites	Kaushik Pal	Indian Institute of Technology Roorkee
UM 26	Nurhidayatullaili Binti Muhd Julkapli	Activated Carbon Modification And Its Water Treatment Applications	Nader Ghaffari Khaligh	University of Malaya
UM 27	Nurshamimi Bte Nor Rashid	Blocking Negative Effects Of Senescence In Normal Human Dermal Fibroblast Cells With Quercetin	Shatrah Othman	University of Malaya
UM 28	Ong Boon Hoong	Metal Oxide Nanostructures For Sensor Applications	Poernomo Gunawan	Nanyang Technological University
UM 29	Ong Hwai Chyuan	Renewable -Jet-Fuel Development From Tropical Biomass	Chin-Tsan Wang	National Ilan University
			Steven Lim	University Tunku Abdul Rahman
			Poernomo Gunawan	Nanyang Technological University
			Jo-Shu Chang	National Cheng Kung University
			Thi Kim Phung Le	Vietnam National University, Ho Chi Minh City
UM 34	Chang Siow Wee	Identification Of Chili Plant Disease Using Machine Learning Approach: A	Lilik Sutiarmo	Universitas Gadjah Mada
			Vijayan Manickam Achari	University of Malaya
UM 37	Siti Rohani Binti Sheikh Raihan	Development And Modelling Of Electric Vehicle Charging Tariff	Mukta Bansal	Nanyang Technological University
UM 38	Tan Boon Chin	Understanding Transcriptional Regulatory Networks In Drought Responses In Banana	Siti Subandiyah	Universitas Gadjah Mada
UM 39	Tan Choo Hock	Harnessing Proteomic, Immunoprofiling And Neutralization Strategies To	Wen-Guey Wu	National Tsing Hua University
			Yi-Yuan Yang	Taipei Medical University
UM 40	Teo Yin Yin	Formulation And Physico-Chemical Studies Of Chemically Modified Arabic Gum Microgel For Drug Delivery	Ngoc Do Quyen Chau	Vietnam National University, Ho Chi Minh City
UM 41	Yap Hwa Jen	Augmented Reality-Based Programming And Simulation System Of An Industrial Robotic Work Cell	Thinh Ha Quang Ngo	Vietnam National University, Ho Chi Minh City
UM 45	Chee Chin Fei	Investigation Of A Small Molecule Um-C162 Anti-Virulence Agent For Suppression Of Staphylococcus Aureus Infections And Biofilm Formation	Ritmaleni Ritmaleni	Universitas Gadjah Mada

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Project Code	PI	Joint Research Project Title	Co-PI	Co-PI University
UM 46	Yarub Kahtan Abdul-Rahman Al-Douri	Advanced Nanosecond Pulsed Laser Ablation To Produce Colloidal Nanoparticles For Antibacterial In Asia	Deepak Marla	Indian Institute of Technology Bombay
UM 48	Yasmin Abdul Wahab	Developments Of Nanomaterial Quantum Dots (Qds) For Third Generation Photovoltaics (Pv) Application	Taraknath Das	Indian Institute of Technology Roorkee
UM 49	Yasmin Abdul Wahab	Development And Application Of Swcnt Based Aptasensors To The Sensitive Detection Of Pathogens Or Proteins.	Maria Theresia Khridiana Putri	Universitas Gadjah Mada
UM 50	Zaira Zaman Chowdhury	Catalytic Degradation Of Poly Aromatic Hydrocarbon (Pahs): Experimental And Computational Approach Using Carbon Nano-Spheres (Cns) Infused Binary Metal Oxide Nano-Composite (Mo)	Binh Thanh Nguyen	The University of Danang-University of Science and Technology
UM 53	Tan Kae Yi	Structural And Biological Characterization Of Taiwanese And Malaysian Cobra Cytotoxins For Insights	Shih-Che Sue	National Tsing Hua University
			Manh Hung Tran	Vietnam National University, Ho Chi Minh City
UM 55	Ching Yern Chee	Preparation And Characterization Study Of Poly(Lactic Acid) (Pla)/Cassava Starch Hybrid Materials Reinforced With Cellulose And Silica Nanomaterials	Nai-Shang Liou	Southern Taiwan University of Science of Technology
UM 56	Chong Wen Tong	Design And Experimental Study Of The Living Green Wall Integrated With Wind-Solar-Rain Eco-Roof System	Chin-Tsan Wang	National Ilan University
			Bernard Saw	University Tunku Abdul Rahman
			Li Wang	National Cheng Kung University
			Yu-An Lin	National Ilan University
			Mohammad Kholid Ridwan	Universitas Gadjah Mada
UM 57	Clarence Augustine Th Tee	A Novel Micro Gas Chemical Sensing Device & System For Volatile Organic Compounds (Vocs)	Kaushik Pal	Indian Institute of Technology Roorkee
UNAIR 5	Moses Glorino Rumambo Pandin	Shaping Social Character Building Through Poetry For Children In Prison	Hema Rosheny Binti Mustafa	Universiti Teknologi Malaysia
UNAIR 6	Myrtati Dyah Artaria	Life History Of Transgender Female To Male—"Priawan" In Indonesia	Charanjit Kaur Darshan Singh	University Tunku Abdul Rahman

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UNAIR 7	Poppy Febriana	Beauty Transgression And Instagram Celebrity	Kenneth Tze Wui Lee	University Tunku Abdul Rahman
UPM 1	Khalina Bt. Abdan	Fundamental Study And Modification Of Kenaf Fiber Reinforced Polypropylene Biocomposite For 3D Printing Filaments	Herianto	Universitas Gadjah Mada
			Nguyen Khanh Vu	Vietnam National University, Ho Chi Minh City
			Yun Peng Yeh	National Taiwan University of Science and Technology
UPM 5	Muhammad Zulfadli Bin Mehat	Pharmacokinetic And Pharmacodynamic Studies Of Vitexin Compound For Alzheimer'S Disease In Animal Model	Azlina Abdul Aziz	University of Malaya
UTAR 1	Bernard Saw Lip Huat	Development Of The Paper-Based Aluminium-Air Battery	Wen Tong Chong	University of Malaya
			Wei-Hsin Chen	National Cheng Kung University
			Chin-Tsan Wang	National Ilan University
			Pei-Yu Kuo	National Ilan University
VNUHCM 1	Le Thi Kim Phung	Production Of Lignin-Derived Oxygen-Free Aromatics From Rice Straw To Apply For High Calorific Biofuels	Zul Ilham Bin Zulkiflee Lubes	University of Malaya
			Ling Tau Chuan	University of Malaya
			Joon Ching Juan	University of Malaya
			Steven Lim	University Tunku Abdul Rahman
			Poernomo Gunawan	Nanyang Technological University
			Chin-Tsan Wang	National Ilan University
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