

2024 International Innovation & Invention Competition Silver Medal Award List

2024 IIC Silver Medal Award List 銀牌得獎名單

SID	Country	Inventor	Organization	Invention
297126	台灣	LIN I-MIN, LIN MING-WANG, LIU PO-WEI	東豐纖維企業股份有限公司	DUAL-SIDED FLUORINE-FREE WATER-REPELLENT MULTIFUNCTIONAL PROCESSED FABRIC AND ITS MANUFACTURING METHOD
299015	台灣	You-Ping Wang, Jer-An Guo, Jui-Chen Cheng, Hsiu-O Kao	台灣大學醫學院附設醫院	Adjustable oxygen adapter
300236	台灣	Chung-Wen Kuo, Tzi-Yi Wu, Shang-Cheng Kuo, Jenq-Nan Yih, Yuan-Zhan Lu, Meng-Hong Chen	國立高雄科技大學	Electrosynthesis of copolymer based on 9,9'-(oxybis([1,1'-biphenyl]-4',3-diyl))bis(9H-carbazole) and 2,2'-bithiophene for electrochromic device
301058	台灣	Ya-Lan Chan, Chih-Han Chan, Qian-Yin Lian, Chih-Shan Liao, Ya-Jane Chaung	長庚科技大學	Handmade self-care picture book and teaching aids for children
301522	台灣	Chung-Wen Kuo, Hsiu-Chung Tu, Tzi-Yi Wu, Yu-Chang Huang, Yi-Ling Hsu, Huan-Ting Guo	國立高雄科技大學	Electrosynthesis of copolymer based on 3,3'-di(carbazol-9-yl)-5-cyano-1,1'-biphenyl and 2,2'-bithiophene and its application on satisfactory long-term switching stability and high optical contrast smart window
304425	台灣	Hsiu-Hui Yu, Yi-Nung Lee, Yu-Ling Pan, Chi-Chin Liu, Hsiu-Chen Lin, Wei-Ting Tai	三軍總醫院附設民眾診療服務處	PRICE Elastic Compression Ice Wrap
304818	台灣	Yi-Ling Chiou	輔英科技大學	Antibiotic Shaker
305223	台灣	HSIU-JUNG CHOU, JIA-HONG HUANG, TING-YING CHU, HONG-LIN WANG, MING-FENG ZHANG, YOU-CI ZENG	正修科技大學	Beauty Chair with Manicure UV Light

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305457	台灣	Te-Tien Ku, Geng-Yu Lin, Chia-Hung Lin	國立高雄科技大學	Application of Transformer Terminal Units to the Energy Management of PV Systems
305721	台灣	Li-Fen Wu, Mieng-Feng Chang, Yu-Ling Pan, Kai-Jo Chiang, Shu-Yen Li, Mei-Jung Chen	三軍總醫院附設民眾診療服務處	Sound and Visual Nursing Educational Learning Tools
306425	台灣	Chia-Hung Chang, Cheng-Wei Xiao	國立雲林科技大學	Mid-Field Wireless Power Transfer System for Medical Implant
306781	台灣	Yu-Chen Lu, Hsiao-Fen Wang	弘光科技大學	The Analysis of Thyme Extract and the Application in Pet-Friendly Fragrance Diffusers
306884	台灣	Ming-Chuan Hung, Yi-Lian Huang, Fang-Yu Zhou, Chun-Yu Chen, Chi-Wei Wu, Yi-Long Chen	中華醫事科技大學	The Development of Plant-Based Mosquito Repellent Products and Devices.
307038	台灣	Yu-Jing Yu, Jui-Che Tu	國立雲林科技大學	Wear Ur Way
307086	台灣	Ting-Hsuan Huang, Jui-che Tu	國立雲林科技大學	Cheerish
307113	台灣	Yung-Chi Chia, Xin-Tong Wu, Chia-Shun Chang	中原大學	Implementation of Driving Fatigue Detection in the Situation of Wearing a Mask
307180	台灣	YIH-RAN SHEU, JEEN-MIN LING, JIA-HONG WEI, KUAN-TE CHIANG, CHIEN-TE WU	南臺科技大學	English Title MULTI-LASER FOCUSED SAFETY PEST CONTROL SYSTEM FOR UNMANNED VEHICLES
307181	台灣	Yu-Han Huang, Yu-Hsun Nien, Jung-Chuan Chou, Jhih-Wei Zeng	國立雲林科技大學	Using different weight percentages of ZTO-SnO ₂ /TiO ₂ nanofibers as additional layers to modify the photoanode of dye-sensitized solar cells

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307187	台灣	Da-Long Cheng, Xin-Yu Chen, Chia-Hsin Li, Yi-Hsiu Cheng, Bo-Yu Hong, Yu-Fong Yan	樹德科技大學	Interactive Memory Training Game for Seniors
307189	台灣	Xin-Han Chen, Yu-Hsun Nien, Jung-Chuan Chou, Po-Hui Yang, Chih-Hsein Lai, Po-Yu Kuo	國立雲林科技大學	Utilizing g-C ₃ N ₄ /ZnS composite materials to enhance the sensitivity and selectivity of lactic acid sensors
307243	台灣	Min-Chie Chiu, Yu-Chen Wang, Yu-Jung Chen, Yu-Pai Lo	大同大學	IoT System for Smart Farm Management and Orchard Security
307260	台灣	WANG KAI-JUN, HUA SHENG-HSIANG, CHAHG HUNG-YU, HSIEH CHANG-LE, SU YOU-REN	天主教光仁學校財團法人新北市光仁高級中學	The Smart Hearing-Impaired Helmet with Directional Sound Alerts
307262	台灣	Min-Chie Chiu, Kuan-Chin Chiu, Wei-Da Chung	大同大學	Onboard Autonomous Power Generation Device
307351	台灣	Hsueh-Hsien Chang, Bo-Xun Chen, Jian-Xiang Huang	明新科技大學	Non-intrusive load monitoring and identification systems using the transient features
307364	台灣	Kuo-Tung Huang, Cheng-Han Wang, Qi-Hong Yang, Yang-Jie Fan, Pin-Tzu Huang, Li-Hsin Chang	龍華科技大學	New semiconductor optical receiver used in edge-emitting laser packaging module
307389	台灣	Yuan-Ho Chen, Yen-Chiu Wu, Ming-Che Lee, Pei-Chun Ceng, Yun-Feng Ruan, Wen-Hui Chen	龍華科技大學	A Flashlight With Lighting and Positioning Function by Vibration
307396	台灣	Szu-Hui Lee, Hsi-Chao Chen, Xin-Ya Zheng, Ming-Ying Wu, Yi-Han Xue, Ting-Jun Lai	國立雲林科技大學	Reactive Radio-Frequency Magnetron Sputtering of Epitaxial Rich-Carbon Silicon Carbide Wide Bandgap Semiconductor Thin Films
307401	台灣	Yuan-Ho Chen, Yu-Hua Xue, Jia-Wen Xu, Yi-Tzu Chao, Shao-Bin Lin	龍華科技大學	Warm-Keeping Device for Motorcycle Rider
307420	台灣	Tzu-Ho Wu, Yuan-Hong Ting, Jheng-An Chen, Jia-He Su	國立雲林科技大學	Enhancing the energy storage capability of VO ₂ cathode in aqueous Zn-ion batteries by decorating carbon quantum dots

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307425	台灣	Po-Yu Kuo, Jung-Chuan Chou, Ming-Tai Hsu, Chi-Han Liao, Wei-Shun Chen, Jyun-Ming Huang	國立雲林科技大學	Instrumentation amplifier for dopamine biosensor
307496	台灣	Uzu-Kuei Hsu, Cheng-Hsien Tai, Hong-Bin Chang, Yi-Ling Chen, Yao-Yu Tsai, Chen-Yu Wu	國立屏東科技大學	High-Pressure Gas Power Generation Enhancement System
307666	台灣	Gwo-Ching Liao, Bo-Tong Liao, You-Quan Zhou, Chin-An Liu, Meng-Ting Jheng, Sheng-Lung Lin	龍華科技大學	Applying deep reinforcement learning to solve the low carbon economic dispatch problem in smart microgrids
307668	台灣	Gwo-Ching Liao, Bo-Tong Liao, You-Quan Zhou, Qian-Ming Lin	龍華科技大學	Methods and systems for accurate photoelectric power prediction
307675	台灣	Ya-Lie Ku, Min Hua Tang, Ting-Ya Liao, Shih Ming Kuo	輔英科技大學	Restraining Glove-Turning by Hand
307780	台灣	Chien-Te Liu, Hung-En Shen, Wei-Liang Kuo, Yuh-Ping Chang	崑山科技大學	Friction stir drilling method applied to polymeric material products
307796	台灣	Yan-Shuo Huang, Yi-Wen Huang, Ting-Yu Huang, Yu-Hsun Nien	國立雲林科技大學	Development of MoO ₃ /TiO ₂ Photocatalyst and Its Application for Photodegradation by Visible Light
307838	台灣	Kevin Kuan-Shun Chiu, Meng-Di Liao, Chia-Hui Wu, Pei-En Cheng, Tsai-Lin Lien, Chih-Hsien Yeh	龍華科技大學	A Hybrid Mechanism for Remote Control Airplanes.
307844	台灣	Yow-Chyi Liu, Pin-Rong Chen, Yao-Bin Shan	台鋼科技大學	Parallel Control Method of Hybrid Electrical Energy Storage Systems
307859	台灣	Yow-Chyi Liu	台鋼科技大學	Optimal Vehicle Coasting Based on Genetic Algorithm to Reduce Maximum Traction Power in Rail Train Systems

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307905	台灣	KUO-HAO LIN, WEI-XIANG LAN, JUN-WEI LIANG, ZHI-WEI WU, JUN-YAN HUANG	國立臺東專科學校	Eating for Two - A Conversational Pregnancy Diet Recommendation System and Method
307917	台灣	Yu-Ting Lin, You-Cin Liou, Yu-Hsun Nien, Jung-Chuan Chou, Jih-Wei Zeng	國立雲林科技大學	Development of Zn ₂ SnO ₄ -Modified Dye-Sensitized Solar Cells and Measurement of Their Photovoltaic Performance Under Indoor Illumination
308080	台灣	Tzi-Yi Wu, Jhu Jheng, Si-Jie Li, Chia-Yi Wei, Jing-Jie Zhan, Jun-Jie Ye	國立雲林科技大學	Electrochromic device prepared with triazole-containing polydithienylpyrroles
308112	台灣	Chih-Hou Chen, Chih-Jie Chen, Hui-Qing Cai, Bao-Cheng Peng, Guan-Qi Chen, Ren-Jie Gao	空軍航空技術學院	Artificial Intelligence Drone Bird Control Them-Waypoint Algorithms to Friendly Mannage Flocks of Birds on Airport Runways.
308347	台灣	Yen-Chuan Chang, Hsin Tung, Syu-Jyun Peng	臺北醫學大學	Machine Learning Model for Assessing Cognitive Function in Epilepsy Patients Based on Electroencephalogram Functional Connectivity
308371	台灣	LIANG-TSZ CHEN, QIAN-HUI XIE, YI-CHEN LIN, YU-YING HSU, SIN-JIE SHEN, HSING-YUN CHANG	中臺科技大學	Communication Assistive Exchange Word Card Bag
308516	台灣	Yeu-Torng Yau	國立勤益科技大學	Hybrid Filter of Different and Common Mode Noise Currents
308531	台灣	CHIN-LUN LAI, YU-MEI CHANG, YING-LING CHEN, QUAN-XIANG DENG, YUAN-ZHI LUO	亞東科技大學	Force Feedback Simulation Operating System and Force Feedback Module
308554	台灣	Sheng-Shih Wang, Pei-Chun Lee, Hong-Xiang Yang, Ting-Wei Kuo, Qi-You Liao, Yu-Cheng Ding	龍華科技大學	An AIoT-based Home Care Service System

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308567	台灣	Bo-Yu Fan, Jia-Xiang Xu, Hong-Xiang Yang, Sheng-Shih Wang, Pei-Chun Lee, Li-Yu Huang	龍華科技大學	An AI-based Smart Visual Acuity Testing System
308591	台灣	Cindy, Sheng-Shih Wang	龍華科技大學	AI-Assisted Environment Quality Monitoring Map
308650	台灣	Cheng-Chung Jaing, Chao-Te Lee, Tan Dat Le, Hung-Pin Chen, Wei-Chun Chen	明新科技大學	Multi-angle reflectance fitting to obtain optical constants of thin films at 13.5nm wavelength
308692	台灣	CHYUN-CHAU LIN, YONG-YING CHANG, YI-SYUAN SHIH, XIN-YI ZHONG	樹德科技大學	Parent-Child Educational Game Tool for Danger Awareness
308694	台灣	Chun-Pin Chang, Hong-Rui Wei, Xiao-Zhen Huang, Hung-Wei Chang	嘉南藥理大學	Intelligent system of ideal Parameters for indoor work environment
308696	台灣	SHANG-HUNG YANG, SHU-JEN HU, BING-LUN WU, YI-XIANG HUANG, CHIA HSUAN LIN, JIA-HONG LI	龍華科技大學	Quick drying clothes device
308701	台灣	CHING-HONG GUO, ZIH-JIE HE, YOU-CHEN LIOU, ZHONG-CHUN WU	南臺科技大學	Inline Skate Auxiliary Obstacle-Crossing Device
308707	台灣	Shu-Yun Sheu, Chao-Min Cheng, Chung-Hsiang Lin	國立清華大學	Antibacterial efficacy of nanostructures
308722	台灣	Chih-Hsien Lai, Wen-Hao Chen, Jung-Chuan Chou, Po-Hui Yang, Yu-Hsun Nien, Po-Yu Kuo	國立雲林科技大學	Exploring the Utilization of Molybdenum Disulfide Nanosheets in the Photoanode of Dye-Sensitized Solar Cells.

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308767	台灣	Chia-Te Liao, Zhe-Kai Yang, Hua-Ming Chen, Ying-Yu Liao, Kun-Cheng Cai, Huang-Fu Lung	空軍航空技術學院	Energy-efficient and high-performance multi-antenna design for smart wearable devices incorporating a metal watch frame
308777	台灣	Chun-Fei Hu, Neng-Ding Wang, Bi-Ling Dai, Yung-Jung Huang, Yi-Ching Chen	大葉大學	High-Voltage Electronic Insulators Discharge Cloud IoT Monitoring and Controlling
308824	台灣	Feng-Tsang Wu, Li-Feng Lin, Hong-Yi Lin, I-Hsiang Wu, Yu-Hsiang Chen, Chia-Te Liao	空軍航空技術學院	Real-Time Personnel Location Reporting System
308836	台灣	Hui-Fang Chiu, Hsin-Yu Hsieh, Hsin-Yu Lin	長庚學校財團法人長庚科技大學	Mathematics and Festivals: Interdisciplinary Multicultural Teaching Aids
308850	台灣	Ming-Sen Hu, Li-Feng Lin, Yu-Rui Chen	空軍航空技術學院	Power Generation System Driven by Dual-Cycled High-Pressure Shock Waves
308901	台灣	Jheng-Long Chen, Feng-Tsang Wu, Chin-Ang Li, Yu-Ting Peng, Jia-Yang Liu	空軍航空技術學院	Device for Detecting Smoke and Temperature
308912	台灣	Chin-Ang Li, Jie-Hang Cai, Feng-Tsang Wu, Jheng-Long Chen	空軍航空技術學院	IOT Applications of Facial Recognition
308915	台灣	Tzi-Yi Wu, Jhu Jheng, I-Han Kuo, Chia-Yi Wei, Jing-Jie Zhan, Jun-Jie Ye	國立雲林科技大學	Preparation of high efficiency and energy saving electrochromic glass using dithiophene-pyrrole and indenothiophene copolymers
308935	台灣	SUNG CHUNG-LIN, ZHUANG YI-LIN, ZHAO GUANG-DI, WU CHIH-YU, ZHAO YI-AN, TSAI TING-YI	建國科技大學	Green Energy Plant Guardian

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309014	台灣	Chuan-Chou Tu, Yu-Ting Hsiao, Chun-Fei Hu, Bi-Ling Dai, Yung-Jung Huang, Yi-Ching Chen	員榮醫院/大葉大學	AI Swallowing Training System
309135	台灣	CHEN HONG-YI, LIAO SHUN-RONG, LIU XIANG-ZHAO, CHEN TIAN-WANG, LU YU-TING, TAN RUI-HONG	臺中市環保局	Mobile Air Quality Monitoring and Automatic Dust Collection System for Construction Sites
309138	台灣	Hung-Wen Cheng, Po-Yen Lai, Yu-Ru Huang, You-Cheng Ye, Yu-Ning Yang	修平科技大學	Cart with Karakuri Mechanism
309140	台灣	Po-Yen Lai, Ming-Yan Lin	修平科技大學	Automated Material Handling and Transport Device
309145	台灣	Po-Yen Lai, Shih-Lun Tien, Yu-Ru Huang, You-Cheng Ye, Yu-Ning Yang	修平科技大學	A Workbench with Error-Proofing and Served Production Karakuri
309146	台灣	Shih-Chieh Chen, Po-Yen Lai, Yu-Ru Huang, You-Cheng Ye, Yu-Ning Yang	修平科技大學	Semi-Automated Slide Rack
309149	台灣	Ming-Huseh Wu, Geeng-Jen Sheu, Chen-Shin Hung, Jyun-Tang Rao, Zhi-Han Lin, Yu-Chieh Lai	修平科技大學	Water Sentinel: An IoT-Based Industrial Wastewater Quality Monitoring and AI-Enhanced Decision Support System
309157	台灣	Ming-Huseh Wu, Geeng-Jen Sheu, Zhi-Han Lin, Jhen-Sin Hong, Jyun-Tang Rao, Li-Yan Luo	修平科技大學	IoT-Based Livestock Manure Resource Recycling, Monitoring, and Sales System
309173	台灣	Chia-Jung Wu, Tsu-Chia Julia Hsu, Kuan-Hsun Chen, Shi-Qi Xu, Hsi-Hsin Su, Zong-Yuan You	龍華科技大學	Intelligent monitoring of water surface height alarm system
309175	台灣	Chia-Jung Wu, Tsu-Chia Julia Hsu, Kuan-Hsun Chen, Shi-Qi Xu, Hsi-Hsin Su, Ting-Shuo Wang	龍華科技大學	Smart fishing device

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309250	台灣	Chia-Chun Chao, Chung-Shun Feng, Yu-Tung Chien, Lu-Yu Chen	朝陽科技大學	Ripple-Rocking Horse Set
309338	台灣	Chia-Hung Lin, Ping-Tzan Huang	國立屏東科技大學	Intelligent Endpoint Detection Technology and Deep Learning Classification Method for Non-Technical Electricity Losses in Smart Meters
309416	台灣	CHI CHUANG, YEN-CHUN LIN, AN-CHIAO CHENG, HENG-YUE LIAO, YU-XIANG JIAN	中華大學	MetaLab: A Virtual Lab in Metaverse for Computer Hardware Education
309559	台灣	KUO CHIH-YEN, GUO JIN-MING, CHEN CHAN, CHEN YOU-WEI, YAN SHAO-YI, YANG SHIANG-AN	康寧大學	Intelligent positioning rosary
309620	台灣	Cheng-Han Chen, Ciao-Ming Tsai, Cheng-Hao Ko, Chit-Sung Hong, Ching-Fen Shen, Chao-Min Cheng	台北榮民總醫院急診部	ML-Powered LFA: Fast and Accurate PCR Ct Ratio Prediction for SARS-CoV-2
309668	台灣	Pei-Yu Chen, I-Fong Chen, Hsiu-Chuan Lin, Ting-Yan Yu, Kun-Li Tsai, Yuan-Chen Chen	景文科技大學	AI Plant Health Gatekeeper
309677	台灣	Pao-Keng Yang, Nien-Ju Yeh	明新科技大學	Novel method for detecting bubbles in the pipeline for delivering photoresist
309682	台灣	Wang Guan-Zong, Chen Hsieh-Ping, Lee Shun, Yu Wei-Lun, Yu Bo-Chen, Wang Che-Yu	正修科技大學	Environmental Monitoring System
309687	台灣	Pei-Yu Chen, I-Fong Chen, Kun-Li Tsai, Wo-Yuan Chen, Xue-Yu Lin, Ho-Wei Xu	景文科技大學	Vivaldi Antenna design suitable for Micro signal detection
309703	台灣	Chih-Yuan Chang, Sheng-Hong Shi	台鋼科技大學	Gas-Permeable Membrane Assisted Composite Manufacturing Process

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309714	台灣	Ming-Hua Chang, Yih-Haw Jan, Jun-Da Chen, Sheng-Zhe Gao, Zhen-Hong Huang, Xin-Hao You	景文科技大學	Diversity AI Medical Mobile Human Posture Recognition System
309717	台灣	Lin Yan-Hua, Ciou Pin-Ruei, Huang Ji-Ying, Tsai Zhi-Xiang, Wu Chung-Chun	南臺科技大學	Multi-functional Positioning Assistive Device Cart
309739	台灣	QIN-YU CAI, JIA-XUAN CHEN, SI-TING YOU, CI-EN LIN, MAN-LENG MA	康寧學校財團法人康寧大學	Rotary Draining Umbrella Stand
309741	台灣	WANG YU-HAN, WANG HUNG-CHUN, ZHAO GUAN-CUN, WANG YU-TENG, CHAO KUANG-HUI, WANG JIA-LE		Breaking the barrier of silence - Microphone Hearing Assistance Technology
309758	台灣	PAO-CHI CHEN, CHONG-EN ZENG, ZHONG-YI LIN	龍華科技大學	Recycling of waste nitric acid solution
309764	台灣	Che-Hao Liao, Jia-Hung Hsu, Yu-Hsuan Tseng, Chia-Hung Chang, Ruei-Sung Yu, Shih-Hung Lin	國立雲林科技大學	The Study and Fabrication of New Perovskite Dielectric $\text{Ca}_{2-x}\text{Sm}_{2x}/3\text{TiO}_4$ and 5G device applications
309766	台灣	Bi-Ling Dai, Yung-Jung Huang, Chun-Fei Hu, Chen-Yu Su, Yi-Ching Chen, Zi-Ning Luo	大葉大學環境工程學系/植寧寵物芳療美容作坊/台灣寵物長照安寧關懷協會	Using Citrus Peel Extract to Improve Tear Secretion Problems and Hair Whitening for Doggy
309772	台灣	PAO-CHI CHEN, JYUN-HONG JHUANG, YAN-ZUO YE, JYUN-YAO LIN	龍華科技大學	Performance improvement of CO ₂ absorption using bubble-column scrubbers
309777	台灣	Chi-Huang Lu, Zhe-Min Liu, Shang-Yi Wang, Wei-Hsuan Chen	修平科技大學	Cloud-Monitoring AI License Plate Recognition System for the Safety of Home Environment
309786	台灣	Lin Yu-Cai, Lin Jun-Zheng, Peng Chen-You, Lin Jyun-Tang	僑光科技大學	3D Printing Shaping the Future

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309789	台灣	WANG HUNG-CHUN, ZHAO GUAN-CUN, WANG YU-HAN, WANG YU-TENG, CHAO KUANG-HUI, WANG JIA-LE		Portable mobile scooter warning monitor
309801	台灣	Samuel Y. Ruan, Ting-Ting Chang, Ping-Hui Lee, Wei-Zhi Ye, Bing-Chian Zhang, Ting-Rui Guo	龍華科技大學	Intelligent Medication Dispenser
309802	台灣	Xuan-Yu Hou, Ming-Chun Lu, Po-Yang Lu, Wen-Yu Chen, Hua-En Li	國立中興大學	Rebirth of Incineration Fly Ash: Promoting Carbon Capture and Waste Reuse through Calcium Regeneration Technology
309826	台灣	Chen-Wei Lee, Yu-Wun Chen, Yi-Ting Gong, Xuan-Ying Cao, Chang-Yi Liao, Chen-Zhi Liu	景文科技大學	Design of an Intelligent Indoor Positioning and Navigation System Combining BLE Beacon and AI Large Language Models
309831	台灣	Wen-Cheng Lai, Pei-Tsen Ko, Tong-En Lee	明志科技大學	Multi-functional Jewelry Storage Box
309835	台灣	Ting-Yun Liu., Li-Chuan Hung, Pei-Shan Chung	康寧學校財團 法人康寧大學	Eco-Friendly Multifunctional Transformable Handbag
309880	台灣	Pei-Shan Chung, Hong-Rui Guo, Zhong-Xuan He, Peng-Yu Chen, Ting-Wei Li	康寧學校財團 法人康寧大學	Easy-to-Thread Floss (Designed for Braces Wearers)
309950	台灣	Huang Yi-Liang, Wang I-Yu, Chen Ying-Ting, Li Tzu-Yi, Tang Jia-Qi, Chang Ya-Hui	中華醫事科技 大學	Star Dream Soothing Baby Pillow
309961	台灣	I-Chuang Wang, Jun-Zheng Lin, Chen-You Peng, Chun-Bo Lin	僑光科技大學	Smart Food Waste Compost Machine
309966	台灣	Ying-Yu Chen, Yu-Pin Lo, Cheng-Yao Chen, Ming-Chun Lu	國立中興大學	Synthesis of Granular Copper-Iron-Nickel Trimetallic Catalyst for Catalytic Oxidation of Organic Pollutants
309968	台灣	Chia-Hua Liang, You-Jie Feng, Leong-Perng Chan, Pin-Ju Chen, Han-Ting Chan, Yu-Ting Tu	嘉南藥理大學	Morning Radiance and Nighttime Repair: Dual-Effect Coffee Extract Essence to Revitalize and Illuminate Your Skin
309973	台灣	Ya-Kuan Chou	國立雲林科技 大學	The Fan Equipment for Indoor Dust Collection

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309975	台灣	ANNABEL T. CHU, CHUNG-YUNG TU, SHIH-YANG YANG, PEI- JUNG LU, TUNG-FANG WANG, YU-XIANG TSAI	康寧學校財團 法人康寧大學	Home Fire Escape System- AI Life-Saving Robot
309997	台灣	Chii-Zen Yu, Jia-Mian Yu	高雄大學	Smart Roadside Parking System Function Expansion
310007	台灣	Chien-Wei Yang, Yi-Shan Wu, Yung-Chiao Yang	國立苗栗高級 中學、苗栗縣 立大同高中、 新北市板橋高 級中學	Speed reduction mechanism
310013	台灣	Yung-Sheng Lin, Ben-Yi Liau, Cheng-You Chen, Po- Jui Chou, Yeun-Tsong Chang	國立聯合大學	Composition with neuromodulatory activity and preparation method and use thereof
310019	台灣	Yu-Cheng Wang, Yu-Kai Shen, Ya-Ge Huang, Guan- Lin Li, Wel-Long Wang, Tzu-Chen Tsai	龍華科技大學	Interactive Device Integrating Mobile Communication and Pet Feeding Platform
310028	台灣	Wei-Wu Liu, Wan-Chin Wang, Pin-Hsuan Chen	宏國德霖科技 大學	A quick decanter that produces musical note and rotatable decanting device set
310055	台灣	CHUNG-TING CHANG, CHIH-NI TING, CHIH- CHI WANG, PEI-FANG LIN, WU-HSIUNG HONG, YEN-TING WANG	康寧大學	"Vacuum Cleaner - The Smart New Choice for Cleaning"
310061	台灣	Po-Yu Huang, Hong-Yi Chen	竹北高中	Research and Implementation of Impact-Resistant and Shock- Absorbing Composite Materials
310065	台灣	Ming-Chun Hsieh, Ta- Chun Chai, Shih-Chieh Kao, Tung-Lin Chen, Ting- Yu Chuang	崑山科技大學	Multifunctional earthquake warning device
310068	台灣	Shin-Yun Chen, Hsiao- Chin Jen, You-Syuan Li, Ciao-Wen Li, Cheng-En Wu, Sho-Yin Nian	開南高中	Smart Dressing Mirror Wardrobe

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310070	台灣	HUNG-SHAO WANG, DE-JYUN HOU	誌磊實業股份有限公司	Fire-Preventive Shell Structure for Lithium Batteries
310071	台灣	Rui-Yu Zhang, Yun-Hsuan Chang, Yong-Shun Shi, Yan-Ting Hou, Hsien-Ru Chu	僑光科技大學	Modular asymmetric passive upper limb exoskeleton
310074	台灣	Kuan-Chi Tu, Tee-Tau Eric Nyam, Nai-Ching Chen, Che-Chuan Wang, Chung-Feng Liu, Ching-Lung Kuo	奇美醫療財團法人奇美醫院	Machine Learning Prognostic Models for Discharge to Long-Term Care Centers in Traumatic Brain Injury Patients Admitted to the ICU
310076	台灣	Pi-Heng Chung, Yi-Chien Lin, Shih-Qing Wu	宏國德霖科技大學	Dot-Style Dripper
310078	台灣	Chien-Hsin Yang, Zhong-Quan Liao, Chin-Hua Huang	僑光科技大學	Humanized climbing backpack
310090	台灣	Zhao-An Chan	臺南市私立德光高級中學	Magnetic Sensor Array - AI Chessboard Abstract
310091	台灣	Kuo-Hao Lee, You-Bin Lin, Jun-Long Deng, Chia-Ming Yang, In-Gann Chen, Lien-Chung Hsu	明新科技大學	The application potential of nano silver pastes on body temperature sensing
310099	台灣	Chuan-Ta Chao, Pei-Yun, Tsu-Hung Chen, Pei-Rong Lin, Xin-Jing Chen, Yi-Li Lin	龍華科技大學	Eco-Friendly Toothbrush with Cleaning and Sterilizing Function
310100	台灣	Yih-Shing Lee, Tsung-Cheng Tien, Kai-Ching Ma, Vo Truong-Thao Nguyen, Thi-My Tien Nguyen, Ngoc Nam Dang	明新科技大學	A method for process optimization of indium gallium zinc oxide thin film transistor device
310101	台灣	Yu-Ting Tsai, Vincent F.S. Tsai, Yuan-Hung Peng, Guan-Yu Peng, Chia-Hsien Ho, Ssu-Yuan Sung	逢甲大學	Development of a Home Intelligent Urination Monitoring Device Based on IoT Technology
310109	台灣	CHIA-TI WU, WAN-RU YAO, CHENG-YU HSIEH LU	國立高雄科技大學	Development of High-Efficiency Optical Fiber Splicing Quality Detection System
310113	台灣	Wei-Lung Wu, Chia-Te Liao, Feng-Tsang Wu, Ying-Xian Chen, En-Tzu Yeh, Ying-Yu Liao	空軍航空技術學院	Measurement System

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310121	台灣	MING-LING KUO, CHAN-YU KUO, YU- HAN HSU, BO-GANG LIN, JUN-HOME JIANG, YI-EN HONG	康寧學校財團 法人康寧大學	Energy-savin Design Box Carrying Harness
310123	台灣	CHIH-WEN CHEN, PO- HSUN CHEN, YONG-JUN HAN, HONG-WEI WU, AN-CHIEH HSIAO, DONG-XIAN LI	龍華科技大學	Gas stove multifunctional safety device
310124	台灣	Che-Hao Liao, Shih-Hung Lin, Chien-Sheng Huang, Chih-Chiang Yang, Jing- Yun Huang, Jui-En Kuo	國立雲林科技 大學	Far-UVC Photodetector Fabrication by RF Sputter and Thermal Interdiffusion Alloying Method for Sterilization Light Source Sensing and Environmental Protection
310129	台灣	Shan-Yi Shen, Yuan-Kai Chang	大葉大學	Recycling of copper and nickel metals in water using graphene oxide modified by biomass
310132	台灣	Ming-Chung Hsieh, Shu- Feng Yang, Mei-Chu Wei, Ya-Ling Huang	嘉南藥理大學	Shi Liang-fashion beauty filter
310138	台灣	CHIH-WEN CHEN, CHIN-I KAO, PO-HSUN CHEN, GUAN-MING SU, CHENG-SHENG CHENG, HAO LU	龍華科技大學	Earthquake survival device for backpacks
310152	台灣	Yuan-Hsiou Chang, Hsiao- Ling Lu, Zhi-Xian Lin, Ting-Yun Wang, Kang-Jun Lu, Chien-En Li	國立臺中科技 大學/國立虎尾 科技大學	AIoT Multi-Functional Wardrobe
310153	台灣	Yuan-Hsiou Chang, Hsiao- Ling Lu, Zhi-Jia Feng, You-En Zhong, Zong-Ying Liu, Ya-Chun Kao	國立臺中科技 大學/國立虎尾 科技大學	Sustainable Intelligent Green Building Exterior Structure
310203	台灣	Cheng-Lee Lai, Yu-Ching Su, Rong-Zih Wu	嘉南藥理大學	Iridium electrode reduction system

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310249	台灣	Tai-Yueh Li, Chih-Hung Wu, Ching-Hung Lai, Chia-Cheng Hung, Ting-Hsiang Li, Chun-Hsiang Tsao	建國科技大學	Waterproof Rubber Ring Easy to Apply Hand Tool
310401	台灣	Ta-Lun Sung, Ming-Yun Chou, Li-An Hsu, Tzu-Yi Hsu, Bo-Chin Chang, Tai-Yang Lin	龍華科技大學	Eye-Tracking Electronic billboards
310406	台灣	Ta-Lun Sung, Wei-Juan Huang, Mao-Kai Fu, Kuan-Yi Lu, Bo-Hung Lee, Chuan-Ting Lee	龍華科技大學	Vision Correct Display
310416	台灣	Chien-Chih Chiang, Jeou-Long Lee, Chih-Shen Chen, Xin-Yu Chen, Jing-Tan Wang, Chuan-Ting Lee	龍華科技大學	Using Semiconductor Copper Wastewater to Prepare Nano-Copper Ink for Through-Silicon Via (TSV) process
310420	台灣	Chien-Chih Chiang, Jeou-Long Lee, Yi-Zhen Yu, Yong-Zhi Hong, Jing-Tan Wang, Chuan-Ting Lee	龍華科技大學	Environmentally friendly lead-free high temperature energy storage battery
310424	台灣	Chien-Chih Chiang, Jeou-Long Lee, Chi-Jung Lee, Yi-Shuan Tshng, Bo-Hung Lee, Chuan-Ting Lee	龍華科技大學	Power generation steps
310436	台灣	Shih-Hsiang Chen, Jeou-Long Lee, Yi-Fan Lu, Jih-Jhu Huang, Bo-Hung Lee, Shang-Hua Yang	龍華科技大學	Nanogenerator composite PM2.5 sensor
310446	台灣	Shih-Hsiang Chen, Kwan-Nin Kuo, Kuo-Sung Hsiang, Tzu-Chien Huang, Bo-Hung Lee, Shang-Hua Yang	龍華科技大學	Triboelectric Nanogenerator Wristband
310461	台灣	Xin-Liang Chen, Chia-Ling Chen, Shih-Chang Cho, Kuan-Yi Lu, Jing-Tan Wang, Shang-Hua Yang	龍華科技大學	Gallium oxide semiconductor thin films are used in gas sensor detection

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310465	台灣	Xin-Liang Chen, Chia-Ling Chen, Pei-Xong Liou, Jia-Zi Ye, Jing-Tan Wang, Chuan-Ting Lee	龍華科技大學	Application of polybutylene adipate and terephthalate biodegradable composite agricultural mulch film
310503	台灣	Yuan-Ming Chiu, Chih-Yuan Weng, Ya-Wen Yang, Yu-Fan Weng, Yu-Chen Weng, Chien-Chin Su	空軍航空技術學院	Multi-purpose Comprehensive Protection Vest
310504	台灣	Chih-Yuan Weng, Yuan-Ming Chiu, Ya-Wen Yang, Li-Kai Liou, Yu-Fan Weng, Yu-Chen Weng	空軍航空技術學院	Hydraulic ventilation & Fire suppression Device
310505	台灣	Yuan-Ming Chiu, Chih-Yuan Weng, Ya-Wen Yang, Chien-Chin Su, Yu-Fan Weng, Yu-Chen Weng	空軍航空技術學院	Virtual reality fire fighting training device
310784	台灣	CHANG-HIS WU, RUEY-CHANG HSIAO, TZU-YI LIU, CHIUNG-HSUAN LIU, JUN-DE LEE, GUAN-YU LIN	龍華科技大學	Waterwheel generator set with adjustable condensing guide plate and folding blades
310786	台灣	WEN-HSIUNG LIN, RUEY-CHANG HSIAO, CHIN-WEN CHEN, TZU-YI LIU, JIN-LONG DU, BING-HUA LEE	龍華科技大學	Ventilation block to allow the mold to breathe
310787	台灣	RUEY-CHANG HSIAO, WEN-HSIUNG LIN, CHIN-WEN CHEN, TZU-YI LIU, YUN-JU LIN, SHAO-SIANG WONG	龍華科技大學	Composite breathable plug for mold
310800	台灣	Ming-Che Sung	內政部消防署	Fire scene rescue carrying bag
310802	台灣	Ming-Che Sung	內政部消防署	Electric vehicle indoor fire extinguishing system
311191	台灣	Shan-Yi Shen, Yan-Bin Chen	大葉大學	High-efficiency water purification materials made from agricultural waste
311467	台灣	Weng Yun-Han	萬能科技大學	Scroll side table structure

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311495	台灣	HSIN-HSIUNG HUANG, SHENG-HUANG SU, KAN-HSUN LEE, YOU- CHENG LIN, HAN-WEN CHANG, BIN-ZHI GAO	龍華科技大學	Festival system by Image Recognition
311732	台灣	CHANG CHIN-CHIH, HUANG SAI-YI, HSIEH YUN-EN, SHIH PING- SUNG, YU WEN-HSIN, CHEN TING-JEN	仁德醫護管理 專科學校	Mobile Reading Board
311733	台灣	CHANG CHIN-CHIH, LIAO YUN-TING, LI YING-YUN, CHANG YU- WEI, LIANG YU-FANG, LAI YUN-CHEN	仁德醫護管理 專科學校	Smart Electronic Device Moisture Eliminator
312004	CHINA	WenZhen Liang, GuiFang Deng, Sygne Sxing, MiaoMing He, BaiYu Lin	Guangdong Polytechnic of Water Resources and Electric Engineering	Anti-backdown Drainage Pipe
312116	Thailand	Asst.Prof.Dr.Natnaporn Aeknarajindawat, Mr.Nathaphat Teja, Dr.Natthachai Aeknarajindawat, Ms.Yhardthip Devahasdin Na Ayuttha, Ms.Napatsanun Aeknarajindawat	Suan Sunandha Rajabhat University	Zero-waste Handwoven Cotton
312564	Peru	Mauricio Alfredo Horna Saenz, and Gabriel Sabasrian Horna Saenz		Multi-functional Charger: Can charge multiple electronic devices simultaneously and features fast charging capabilities.
312565	Peru	Gabriel Sabasrian Salcedo, Valeria Liliana Fox, and Julio Fernando Morales Garcia		Smart Trash Can: Automatically senses and sorts waste, and can even be linked to a mobile app to remind you to take out the trash.
312566	Peru	Christianna Rafaella Villarreal Sanchez and Mya Ann Arguedas Cespedes		Solar-powered Air Purifier: Effectively purifies indoor air while reducing energy consumption.

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312567	Ecuador	Ortiz Luna Martillo Ochoa and Amarilis Martillo Ochoa		Edible Utensils: Made from natural materials like corn starch and can be directly consumed, reducing the waste of disposable utensils.
315648	台灣	Jeou-Long Lee, Kwan-Nin Kuo, Pei-Ying Chen, Shang-Hua Yang, Jing-Tan Wang, Chuan-Ting Lee	龍華科技大學	Titanium surface coated with strontium calcium phosphate to enhance surface biological activity and antibacterial properties