Oral No.	Title of submission	學校/單位	Name
P01-Oral-01	Designing a novel electrochemical sensor employing CuSeO3 anchored functionalized-CNFs for the determination of the cardiovascular biomarker, Glutathione	Amritapuri campus	GOPIKA MEENAKUMARI GOPAKUMAR
P01-Oral-02	Susceptible glucose sensor using Nickel nitride films deposited via high-power impulse magnetron sputtering	台灣科技大學National Taiwan University of Science and Technology	倪雪兒Nishchal Pardhi
P01-Oral-03	SeS2 on functionalized Carbon nano fibres a selective non enzymatic sensor, for collective detection of diverse drugs	明志科技大學Ming Chi University and Technology	科蒂絲Sindhuja Kotteeswaran
P01-Oral-04	Fabrication of Ag containing antibacterial MAO coatings and multiple surface treatments on pure Ti in biomedical applications	淡江大學Tamkang University	林沛辰LIN,PEI-CHEN
P01-Oral-05	Modifying the surface of PET non-woven through Atmospheric Pressure Plasma Jet-induced graft polymerization of PEG/p(AAm-co-AAc) hydrogel and immobilizing Chinese herb extracts	淡江大學Tamkang University	張晏嘉Yen-Chia, Chang
P01-Oral-06	Enhanced Biosensing Capabilities of Tungsten Carbide Composite with Nickel Disulfide for Chlorpromazine Analysis	臺北科技大學National Taipei University of Technology	JAYANDRA BUSHION SIDHARTHAN
P01-Oral-07	Electrochemical investigation of sulfamethoxazole by CuFe2O4@f-CNF composite nanoparticle using carbon paste electrode: a voltammetric study	Kuvempu University Shankaraghatta	HIMMATTURU RAVINDRA DHRITHI
P01-Oral-08	OH-rich graphene quantum dots for bacterial labeling and turn-off detection of Cu2+ ion.	明志科技大學Ming Chi University and Technology	陳建銘Chien-Ming Chen
P01-Oral-09	Development of Bismuth Tellurite Nanoparticles (Bi2TeO5) loaded Graphene Oxide Modified Screen-Printed Carbon Electrode for the Electrochemical Detection of Epinephrine in Biological Fluids	School of Advanced Sciences, VIT	Ramamoorthi Tamizhselvi
P01-Oral-10	Copper Zinc Sulphide@CNF sensor for electrochemical detection of Tryptophan in the milk and protein powder samples.	臺北科技大學National Taipei University of Technology	Priyadharshini Sidharthan
P01-Oral-11	Preparation of Titanium Dioxide Photocatalysts Using Deep Eutectic Solvents	明志科技大學Ming Chi University and Technology	蔡力綸LI-LUN TSAI
P01-Oral-12	Synthesis and Characterization of Two-Dimensional (2D) Paper-like Graphene Oxide (GO) Coating on Three-Dimensional (3D) Cerium Oxide Nanospheres (CeONS) via Stoichiometric Synthesis for Non-Enzymatic Neurotransmitter Detection	臺北科技大學National Taipei University of Technology	ANNADURAI HEMARANI
P02-Oral-01	Efficient Overall Water Electrolysis for Green Hydrogen Production via Sputtering Thin Film Technology: A Green Approach with Bifunctional Partially Oxidized NiFeV Electrodes	台灣科技大學National Taiwan University of Science and Technology	Ha Quoc Nam
P02-Oral-02	Microplasma-Enable Organic-Inorganic Photothermal Nanocomposites for Scalable and Efficient Solar-Driven Water and Energy Harvesting	台灣大學National Taiwan University	葉佾叡 Yeh,Yi-Jui
P02-Oral-03	Multi stimulus response bionic bilayer soft actuator with sensing and structure color	明志科技大學Ming Chi University and Technology	趙偉誠Wei-Cheng Jhao
P02-Oral-04	Organic Semiconductor Materials to Fabricate Friction Layers Of Liquid-Solid Contact Triboelectric Nanogenerators For Water Energy Harvesting	明志科技大學Ming Chi University and Technology	廖冠博GUAN-BO LIAO
P02-Oral-05	Fabrication of Superhydrophobic Aerogel for Water Based Triboelectric Nanogenerator	明志科技大學Ming Chi University and Technology	馬迺霆NaiTing Ma
P02-Oral-06	Architecture of novel mixed ligand metal-organic framework (MOF) tailoring ligands from environmental wastes for boosting a photocatalytic activity: a dual strategy for reducing environmental and water pollution	明志科技大學Ming Chi University and Technology	Dhanaprabhu Pattappan
P02-Oral-07	Visible light ResponseNiNb2O6/g-C3N4/Ag Heterojunctions for Degradation of Pollutants and Analyzing the Impact of an Environmental Problem through Embryos	Manonmaniam Sundaranar University	SIVAGURUSUNDAR RAMAR
P02-Oral-08	Fabrication of Electrocatalyst from Spent Lithium-Ion Battery Cathode and Its Modification with Reduced Graphene Oxide	Prasetiya Mulya University	法赫里Fahrialdi
P02-Oral-09	Nitrogen, sulfur co-doped and oxygen functionalized graphene as an efficient electrode material for supercapacitor	Indian Institute of Information Technology	Kathiravan Karthickraja
P02-Oral-10	Exploring the Pseudocapacitive Characteristics of Na2Ti4O9 Nanosheets for High-Density Supercapacitors	SRM Institute of Science and Technology	KARTHIKEYAN SANKARANARAYANAN
P02-Oral-11	Multistimuli responsive perovskite containing bilayer actuators	明志科技大學Ming Chi University and Technology	Anshu Kumar
P02-Oral-12	Synergistic Removal of Nutrient Pollutants: LDH/MoS2/rGO Bifunctional Electrode	明志科技大學Ming Chi University and Technology	Prateek Sharma
P02-Oral-13	Enhancing Vanadium Redox Flow Battery Electrodes with Tungsten-Rich VNbMoTaWOx Thin Films by HiPIMS	台灣科技大學National Taiwan University of Science and Technology	Krishnakant Tiwari
P03-Oral-01	Study on the Process and Properties of Tantalum Yttrium Alloy Films Deposited on Tungsten Steel as a Protective Layer	明志科技大學Ming Chi University and Technology	陳建榮CHEN,JIAN-RONG
P03-Oral-02	Study on deposition and properties of tantalum-titanium alloy film as the protective layer of mold core	明志科技大學Ming Chi University and Technology	林彥辰LIN,YAN-CHEN
P03-Oral-03	Mechanical and cutting tool properties of (TiW)N hard coatings deposited by reactive sputtering	陽明交通大學National Yang-Ming Chiao Tung University	謝佳晉Hsieh, Chia-Chin
P04-Oral-01	The study of transparent electrode and interconnection layer for the perovskite solar cell tandem organic photovoltaic.	明志科技大學Ming Chi University and Technology	李祥宇Lee,Hsiang-Yu

P04-Oral-02	Enhanced photocatalysis of transparent substrates using nanoarray structures and zinc oxide deposition	陽明交通大學National Yang-Ming Chiao Tung University	Fu-Gi Zhong
P04-Oral-03	Dual Application of Biomass-derived Porous Activated Carbon: Military Radar Absorbing Material and Supercapacitor	Republic of Indonesia Defense University	安塞莫Anselmo Bima Rasendriya
P04-Oral-04	Exploring Self-Powered Broadband Photosensing with Pyro-phototronic Effect in 1D SnO2 Nanoneedles/2D SnS2 Nanoflowers Heterostructure	台灣科技大學National Taiwan University of Science and Technology	庫馬爾Mahesh Kumar
P04-Oral-05	Process optimization of laser-induced graphene and its functionality	明志科技大學Ming Chi University and Technology	翁士強Shih-Chiang Weng
P04-Oral-06	Application Study of Electroplated Aluminum Prepared with Deep Eutectic Solvent for the Fabrication of Wire Grid Polarizer	明志科技大學Ming Chi University and Technology	蘇東擎Tung-Chig Su
P04-Oral-07	Polarization-modulated UVA photosensing based on ITO/(Bi0.93RE0.07)FeO3/Pt heterostructures	Silliman University	Haidee Insisto Mana-ay
P04-Oral-08	Excitation of whispering gallery mode of a nanolaser	明志科技大學Ming Chi University and Technology	白嘉欣Jia-Hsin Bai
P04-Oral-09	Study of Ceramic Thin Film Diodes	明志科技大學Ming Chi University and Technology	徐曼茹Man-Ju Hsu
P05-Oral-01	Effect of phase separation in the anticorrosion performance of AlCrFeNi high-entropy alloy thermal spray coating	陽明交通大學National Yang-Ming Chiao Tung University	李芝蓁Chih-Chen Lee
P05-Oral-02	Strategic optimization of mechanical properties in atmospheric plasma sprayed Al0.5CoCrFeNi2Ti coatings: From powder characterization to performance implications	台灣科技大學National Taiwan University of Science and Technology	林子棠Tzu-Tang Lin
P05-Oral-03	Microplasma-enabled one-step synthesis of composition-controlled iron - gold nanoparticles for dye pollutants degradation	台灣科技大學National Taiwan University of Science and Technology	卓巧婷Chiao-Ting Cho
P05-Oral-04	Plasma-Engineered Plastic-Derived Nanocatalysts for Environmental Applications	台灣科技大學National Taiwan University of Science and Technology	林佳宏Chia-Hung Lin
P05-Oral-05	The Effects of Ammonium Sulfate Addition on Surface Roughness and Corrosion Resistance of 304 Stainless Steel at Different Voltages	明志科技大學Ming Chi University and Technology	張峻維CHUN-WEI CHANG
P05-Oral-06	Study on the effect of using biological liquid to peel off different coatings of lead frame	明志科技大學Ming Chi University and Technology	魏廷宇WEI,TING-YU
P05-Oral-07	Plasma Synthesis of Carboxylic Compound-Derived Graphene Quantum Dots as Multifunctional Nanosensors for Biomedical and Environmental Applications	台灣科技大學National Taiwan University of Science and Technology	陳嬿伊CHEN, YAN-YI
P05-Oral-08	Effects of Urea and SLS additions on tribological properties of MoS2 nanoparticle-decorated plasma electrolytic oxidation coatings on titanium	明志科技大學Ming Chi University and Technology	鄭能昆Neng-Kun Cheng