

Submission ID	Presentation Code	Presenter	Title
NANO2021-0001	Cancelled		
NANO2021-0013	NANO-O-1-G01	Jocelyn P. Reyes	Acute Toxicity and 28-Day Repeated Dose Studies of Multi-Walled Carbon Nanotubes
NANO2021-0014	NANO-O-1-A07	Chayanan Tanesanukul	PREPARATION OF BIOCOMPATIBLE OCTYL METHOXYCINNAMATE/POLY(ϵ -CAPROLACTONE) NANOCAPSULES FOR USE IN COSMETIC APPLICATION
NANO2021-0016	NANO-O-1-C03	Chinathun Pinming	Surface texture-controlled carbon nanotube/polydimethylsiloxane composites for performance enhancement of triboelectric nanogenerators
NANO2021-0019	NANO-O-1-F03	Sukittaya Jessadaluk	Bandgap Shifting in Antimony Doped ZnO by means of Electroreflectance Spectroscopy
NANO2021-0022	NANO-P-02	Sukanya Jankhunthod	Electrochemical and structural properties of copper hexacyanoferrate
NANO2021-0023	NANO-O-2-A01	Zehui Du	Effect of external magnetic field on LPG diffusion through ZSM-5 zeolites with different cluster sizes
NANO2021-0028	NANO-P-12	Keerakit Kaewket	Carbon nanofiber as an anti-fouling electrode in phenolic detection
NANO2021-0030	NANO-O-1-B06	Nattapon Kuntip	Exploring binding mechanism of microRNA, Graphene quantum dot and complementary DNA using molecular dynamics simulation
NANO2021-0031	NANO-O-1-D03	Narong Arunrut	Development of a closed-tube field-deployable loop-mediated isothermal amplification (LAMP) assay for the visual detection of Enterocytozoon hepatopenaei (EHP)
NANO2021-0032	NANO-P-10	Saowalak Natmai	The Adsorption of miR-144 Cancer Biomarkers on Graphene Quantum Dot in Aqueous Solution

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NANO2021-0034	NANO-O-1-F01	Kornkamon Meesombad	Investigation of electrochemical cell design and electrode on gas diffusion electrode for CO ₂ reduction reaction
NANO2021-0035	NANO-O-1-E03	Supisara Lertthanu	Effect of aluminosilicate adsorbent with different silica and alumina ratios derived from bagasse ash on ammonia adsorption in water
NANO2021-0037	Cancelled		
NANO2021-0038	NANO-O-2-D01	Admer Rey C. Dablio	Establishment of Metrological Traceability of Nanomaterial Size Measurement in the Philippines through Conduct of a Local Interlaboratory Comparison using Polystyrene Nanosphere Standards
NANO2021-0039	NANO-O-2-D02	Saranya Juntrapirom	Enhancing electrochemical CO ₂ reduction to C ₂ products using CuZn tandem catalysts supported on porous carbon
NANO2021-0040	NANO-O-1-D04	Poowadon Muenraya	Development and evaluation of colistin-conjugated silver nanoparticles for enhanced antibacterial activity
NANO2021-0041	NANO-O-1-E05	Suppanat Tantavanich	Chemical activation of particle board waste by ferric nitrate and ferrocene
NANO2021-0042	NANO-O-1-C02	Methawee Nukunudompanich	Aspects of Optical and Thermal Performances in Flexible Perovskite Solar Cells Made of Nanomaterials with Potential for Development of Vehicle-Integrated Photovoltaics
NANO2021-0043	NANO-O-1-A01	Varisara Deerattrakul	Introducing a Novel Hydrophilic Cellulose Nanofiber Separator for “Water-in-salt” Based Energy Storage Devices
NANO2021-0044	NANO-O-1-D05	Kiatnida Treerattrakoon	SERS-based sandwich assay for the detection of miR-29a cancer biomarker
NANO2021-0045	NANO-O-2-E01	Cancelled (Presentation Code remains in Abstract Book and Presentation Program)	
NANO2021-0046	NANO-O-2-E02	Cancelled (Presentation Code remains in Abstract Book and Presentation Program)	

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NANO2021-0047	NANO-P-11	Nuttamon Vanichsetakul	Preliminary Study of Turmeric Waste Activated Carbon Synthesis
NANO2021-0048	NANO-O-1-F02	Sarinya Woraphutthaporn	Development of Continuous Electrochemical Production of 2,5-Furandicarboxylic Acid (FDCA)
NANO2021-0050	NANO-O-2-A02	Natjanan Songserm	The Evaluation and Optimization of Electrodeposited Fe-doped Nickel Oxyhydroxide Electrocatalysts for the Oxidation of 5-Hydroxymethylfurfural to 2,5-Furandicarboxylic acid
NANO2021-0051	NANO-P-07	Oraphan King	Vitamin C-Phosphatidylcholine Complex as a Potential Drug Carrier
NANO2021-0053	NANO-O-1-C05	Jatuporn Parnthong	Prediction of higher heating value of hydrochar from sugarcane leaf during hydrothermal carbonization process
NANO2021-0054	NANO-O-1-B03	Kanokkorn Pimcharoen	Understand the Limitations and Validate the Applications of the Simplified Space-Charge-Limited-Current Theory by using the Drift-Diffusion Model
NANO2021-0055	NANO-O-1-A04	Seoung-Oh Kim	Investigation of lipid bilayer formation by AFM
NANO2021-0056	NANO-P-03	Winyoo Sangthong	Ethylene Oxide Cycloaddition with Carbon Dioxide over M-Faujasite Zeolite (M=Mg, Zn and Cu): A Theoretical Reaction Mechanism Investigation
NANO2021-0057	NANO-O-1-A05	Chuleekorn Chotsuwan	Tunable Charge Transport Process of Highly Stable Electrochromic Polymers
NANO2021-0058	NANO-O-1-F05	Kittikron Pattaradamrongchai	Investigation of Detergent Compositions on the Effectiveness of Alumina and Aluminium Titanium Carbide Cleaning
NANO2021-0059	NANO-O-1-B01	Thawalrat Ratanadachanakin	The Importance of Using Dispersion Corrected Density Functionals When Evaluating Some Band[N]calicenes as Carbon Dioxide Hosts

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NANO2021-0061	NANO-P-04	Natsuda Toesier	Investigation Structure and Electronic properties of Fucoxanthin-Chlorophyll a/c Light harvesting Ability: Study by using DFT calculation.
NANO2021-0062	NANO-O-1-B02	Cancelled (Presentation Code remains in Abstract Book and Presentation Program)	
NANO2021-0063	NANO-P-05	Nirun Ruankaew	A DFT study of hydrogen and n-butane dissociation on FeP and CoP surfaces
NANO2021-0064	Cancelled		
NANO2021-0065	NANO-O-1-B04	Aunyamanee Plucksacholatarn	Understanding the interaction on Ni and Cu surfaces in HMF hydrogenation reaction: Theoretical study
NANO2021-0069	NANO-O-1-B05	Supanan Pongteerapol	MACHINE LEARNING MODEL OF γ AND γ' LATTICE PARAMETERS IN NICKLE-BASE SUPERALLOYS
NANO2021-0071	NANO-O-1-C01	Sorrawit Meeklinhom	Low-cost fabrication of planar perovskite solar cells using recrystallization technique via air blade coating
NANO2021-0073	NANO-O-2-E03	Chandan Hunsur Ravikumar	Simultaneous Detection of Dual Metal Ions Pb ²⁺ and Hg ²⁺ Using Quantum Dots Modified Paper Based Microfluidic
NANO2021-0074	NANO-O-1-C04	Cancelled (Presentation Code remains in Abstract Book and Presentation Program)	
NANO2021-0076	NANO-P-06	Piyawath Tapsanit	Daytime radiative cooling of photonic woods fabricated by hydrogen peroxide bleaching
NANO2021-0077	NANO-O-2-E04	Thanachita Sumontha	Swellable Microneedles for Nitrate Detection in Food
NANO2021-0078	NANO-IN-2-B01	Isaratat Phung-on	Welding Fume Reduction in Flux Cored Wire Arc Welding using Nanoparticles-Shielding Gas Mixture
NANO2021-0079	NANO-P-01	Takaki Kimura	Direct Growth of Nb-doped Anatase and Rutile TiO ₂ Nanorod Arrays with High Orientation

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NANO2021-0080	NANO-O-1-C06	David Joseph G. Alzate	EFFECT OF PYROLYSIS CONDITIONS ON THE ELECTROACTIVE PERFORMANCE OF BIOCHAR: A COMPARISON WITH MULTIWALLED CARBON NANOTUBES FOR FABRIC SUPERCAPACITOR APPLICATIONS
NANO2021-0081	NANO-O-1-A06	Tippawan Sodsai	Study of silica nanoparticle and fluoroalkylsilane nanocomposite towards transparent, hydrophobic and oleophobic coating
NANO2021-0082	NANO-P-13	Nattawut Soibang	ENHANCEMENT OF AMMONIA GAS SENSING BY METAL OXIDE-POLYANILINE NANOCOMPOSITE
NANO2021-0083	NANO-O-1-F04	Nonthanan Sitpathom	Photonic density of states and photonic bandgap of deformed titanium dioxide inverse opal structures
NANO2021-0084	NANO-O-1-A02	Jirawan Srisai	Comparative Study on Photocatalytic Degradation of Methylene Blue Using Pristine ZnO and Ni-ZnO Composite Films
NANO2021-0085	NANO-O-1-A03	Narin Chomcharoen	Anti-dust and Antireflective Silica-based Hard Coating Using Flow Coating Technique on Polymethyl Methacrylate for Building Applications
NANO2021-0088	NANO-O-1-E01	Kunpirom Chainarong	Synthesis of bimodal mesoporous silica from bagasse heavy ash via pH alteration process with a single template
NANO2021-0089	NANO-O-1-E02	Pariyawalee Sangteantong	Hydrophobic/hydrophilic NaCl-functionalized mesoporous silica adsorbent derived from bagasse heavy ash
NANO2021-0092	Cancelled		
NANO2021-0093	NANO-O-1-E04	Patharawadee Boonying	Silica-reinforced natural rubber nanocomposites as a coating material for slow-release fertilizer
NANO2021-0094	NANO-O-1-D02	Katawut Namdee	Microfluidic Aqueous Two-Phase System Forming Cell Encapsulated Degradable Hydrogel Microfibers for Tissue Engineering Applications

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NANO2021-0095	NANO-P-08	Natchanon Rimsueb	Overcoming Limitations of Hen Egg White Lysozyme using Cationic Liposomal Nanoparticles for Oral Drug Delivery
NANO2021-0096	NANO-O-1-D01	Prattana Tanyapanyachon	Interruption of blood-testis barrier by flutamide-loaded nanostructured lipid carrier as a novel non-surgical contraceptive approach for male animals
No Submission ID	NANO-P-09	Tapanee Thinbanmai	A Novel Plant-based Nanovesicles: Ginger Nano- Exosomes for Anti-inflammation and Anti-cancer Phyto-active Agent Delivery