

Poster Presentation

Symposium 11

February 22(WED)		
Time	Title	Writer
13:30~15:30	[S11-1] High temperature corrosion behavior of Aluminized SUS310	Min Jung Kim (Sungkyunkwan University)
	[S11-2] The study of efficiency of Al ₂ O ₃ Coated with electrospun meto- aramid nanofibers as separating membrane in lithium-ion secondary batteries	Su-Hyeong Chae (ChonbukNational University)
	[S11-3] Using Silver Nanoparticles to Enhance the Sensitivity of Electrospun Ag NPs/Methyl Red/PMMA Fibers for Volatile Organic Compounds Detection	Chih-Kuang Kao (Chang Gung University)
	[S11-4] Synthesis of Uniform Colloidal TiO ₂ Particles via Sol-Gel Synthesis in Mixed Solvent	Ji Bong Joo (Konkuk University)
	[S11-5] Synthesis of Hollow CuOx-TiO ₂ Nanostructure for Visible Light Photocatalysis	Ji Bong Joo (Konkuk University)
	[S11-6] Design, Characterization and Application for Siloxane-based Polymer with Nerve Agent Detection	Ji Won Lee (Sungkyunkwan University)
	[S11-7] Ni Nanoparticle Catalysts Capped with Organic Molecules as Efficient Catalysts toward Selective Hydrogenation	Hojin Jeong (KAIST)
	[S11-8] Incorporation of Hydrogel as a Reusable Sensor frame	Joonwon Bae (DongdukWomen's University)
	[S11-9] Highly effective photocatalysts based on carbon nanofibers decorated with TiO ₂ and CdSe under visible light	Sungho Lee (KIST)
	[S11-10] Surface polymerization and conductivity enhancement of PANI films on hydrophobic substrates	Chung Hyei Park (Chung-Ang University)
	[S11-11] Effects of Sr _{0.92} Y _{0.08} Ti _{1-x} Ni _x O _{3-d} anode for carbon deposition using Hydrocarbon Fuels in Solid Oxide Fuel Cells	Jeong Woo Yunn (Chonnam National University)
	[S11-12] Preparation of transparent Ga and Al doped Zinc Oxide electrodes for Dye-Sensitized Solar Cells	Sangmo Kim (Gachon University)
	[S11-13] Control of electron energy distribution for enhancement of the plasma ashing processing	Hyo-Chang Lee (KRISS)
	[S11-14] Fabrication and Evaluation of Shape-Controlled Pt Catalysts for PEMWE by Pulse Electrodeposition	Hyanjoo Park (Chung-Ang University)
	[S11-15] Enhanced Reactive H ₂ S Adsorption Using Carbon Nanofibers Supported with Cu/Cu _x O Nanoparticles	Ji Hye Park (Chungnam National University)
	[S11-16] Morphology-dependent Field emission properties of ZnO nanomaterials	Sang Hoom Kim (Najran University)
	[S11-17] Undoped and doped ZnO nanomaterials for Chemical Sensor and Photocatalytic Applications	Ahmed A Ibrahim (Najran University)
	[S11-18] CuO nanomaterials for enhanced gas sensing applications	Mohammad Sultan Al-Assiri (Najran University)
	[S11-19] Semiconductor Nanomaterials as Potential Scaffold for Bio-sensing Applications	Ahmad Umar (Najran University)
	[S11-20] A facile synthesis of amine-functionalized graphene quantum dots and its application as selective fluorescent probe toward highly detection of copper ions	Won Mook Choi (University of Ulsan)
	[S11-21] Palladium (Pd) nanoparticle supported on carbon functionalized by oxidation thermal treatment for highly dispersed Pd	Ji Sun Kim (Korea Institute of Industrial Technology)
	[S11-22] Bending-sensitive ultrathin capacitor for flexible and transparent wearable pressure/motion sensor	Jong-Woong Kim (Korea Electronics Technology Institute)
	[S11-23] Wearable tactile sensor using a composite structure comprising Ag nanowires and polyvinylbutyral	Jong-Woong Kim (Korea Electronics Technology Institute)
	[S11-24] Recyclable Thermosetting Thermal Pad Using Silicone-based Polyurethane Crosslinked by Diels-Alder adduct	Youngmin Kim (Korea Electronics Technology Institute)
	[S11-25] A studying and characterization of Gallium doped CdS grown by chemical bath deposition for Cu(InGa)S ₂ solar cell application	Alhammadi Abdulaziz Salh (yeungnam university)
	[S11-26] Dielectric Properties of Alumina-Polystyrene Core-Shell Nanoparticles and Polymer Composites	Kimyung Kim (Chung-Ang University)
	[S11-27] Gallium nitride nanoparticle synthesis using non-thermal N ₂ plasma with metallic gallium	Kwang-Ho You (KRISS)
	[S11-28] Fabrication of vanadium oxide thin films from colloidal vanadium oxide (VO _x) nanocrystals for smart window applications	Yu-Hong Jung (Pusan National University)

[S11-29] Memory and carrier transport mechanisms of nonvolatile memory devices based on graphene oxide/mica nanocomposites embedded into a polymer(9-vinylcarbazole)	Wookyum Kim (Hanyang University)
[S11-30] 3D feature profile simulation for bottleneck process of sub-10 nm nanodevice fabrication	Yeong-Geun Yook (Chonbuk National University)
[S11-31] CO ₂ utilization by cyclic reduction and oxidation of zirconia- supported cerium oxide	Gui Young Han (Sungkyunkwan University)
[S11-32] Numerical simulation of solution gating effect in nanowire device for chemical and biological sensor applications	Yunsung Cho (Chonbuk National University)