

Poster Set-Up: February 25(WED) 9:00AM~5:00PM

Poster Session: February 25(WED) 6:30PM~9:00PM

Simposium 4: Materials for Next Generation Photovoltaics

Poster No.	Control ID	Presenter	Title
S4-1	2087124	Che Balian, Siti Rudhziah	Biopolymer electrolytes based on N-N-Dimethyl-N-(methyl-sulfanylmethylene) ammonium iodide incorporated carboxymethyl kappa-carrageenan/carboxymethyl cellulose blend for dye sensitized solar cells
S4-2	2118106	Minnam Reddy, Vasudeva Reddy	Influence of different substrates on the properties of sulfurized SnS films
S4-3	2087171	Ansari, Sajid	Enhanced visible light catalytic activity of engineered CeO ₂ nanostructure prepared via electrochemically active biofilm
S4-4	2087280	Kim, Jimin	Fabrication of vertically-aligned Cu ₂ ZnSnS ₄ nanorod arrays prepared by AAO template directed sol-gel method
S4-5	2088473	Kim, Areum	Silver Nanowire Composite Electrode for Organometal Halide Perovskite-based Solar Cells
S4-6	2088618	Ansari, M.	DC electrical conductivity retention and electrode analysis of pTSA doped conducting graphene/polyaniline nanocomposite fibers
S4-7	2088643	Oh, Yunjung	Low temperature fabrication of CISSe thin film solar cells from aqueous Cu-In-S/Se ink
S4-8	2088685	Lee, Hongseuk	Additive Assisted Uniform CH ₃ NH ₃ PbI ₃ Films for Planar Hetero-Junction Perovskite Solar Cells
S4-9	2088696	Khan, Mohammad	Au@SnO ₂ nanocomposite for visible light-induced enhanced photoelectrochemical and photocatalytic studies
S4-10	2088700	Parveen , Nazish	Electrochemical capacitive behavior of Polyaniline/graphene nanocomposite
S4-11	2088993	Kwon, Hyeok-chan	Electrical Properties of Vertically Arrayed One Dimensional Organometal Halide Perovskite Solar Cell
S4-12	2089575	Jo, Eun Hee	Aerosol Synthesis of Crumpled Graphene and Their Application to Dye-Sensitized Solar Cells
S4-13	2089652	Khan, Mohammad	Synthesis, Structural, and Morphological Characterizations of WO ₃ Nanowire-Supported on Graphene Nanocomposite for Visible light Photocatalytic Activity
S4-14	2098684	Lee, Seul-Ki	Perovskite solar cells with TiO ₂ nanotube arrays for increasing energy conversion efficiency
S4-15	2098710	Mahmoudi, Tahmineh	Enhanced Photovoltaic Performance of Hybrid Solar cell with Metal sulfide and Metal Oxide/ Reduced Graphene Oxide Composite as a Hole and electron Transport Material
S4-16	2111403	Yang, Hwa-Young	Organic-Inorganic Solar Cells with Nanoimprinted ZnO and ZnO Quantum Dots Embedded SiO ₂ Layers
S4-17	2111739	Song, Myung-seok	Doping effect on the performance of organic photovoltaic's using solution based TiO ₂

S4-18	2113904	Kang, Sung-Oong	Highly conductive Graphene nanosheets/Polymethyl methacrylate composites with a segregated network structure and a resultant low percolation threshold
S4-19	2113972	Hussain, Manwar	Enhancement of Antibacterial Properties of Graphene Based Nanocomposites by Nano Silver Growth.
S4-20	2114044	Hoang, Thi Hai Ha	Structural, morphological and optoelectronic properties of iron pyrite nanocrystals for solar cell applications
S4-21	2114104	Trinh, Kieu	Fabrication of Hybrid Bulk Heterojunction Solar Cell by Using Lead Sulfide Nanoparticles Blending with Conjugated Polymer
S4-22	2114137	Ha, Seung Hyun	HF-free Laser texturing of polycrystalline Si wafer for PV cells
S4-23	2131545	Lee, Jun Seok	Advanced hole transport materials and p-type dopants for efficiency perovskite based solar cells
S4-24	2136020	Mali, Sawanta	Hydrothermally processed engineered TiO ₂ nanostructures for efficient perovskite solar cells
S4-25	2142313	Lee, Yong Hun	Enhanced of the power conversion efficiency for inverted organic photovoltaic devices due to the localized surface plasmonic resonant effect of Au nanoparticles embedded in ZnO nanoparticles
S4-26	e-mail	Jo, Hyo Jeong	Efficient dye-sensitized solar cells with an organic photosensitizer featuring phenoxazine and phenothiazine derivatives as donors
S4-27	2088902	Dzulkurnain, Nurul	Preparation and characterization of ionic liquid based polymer electrolytes for application in dye sensitized solar cell
S4-28	2090206	Ibrahim, Salmiah	New Bio-based Polymer Electrolytes of Polyurethane Added with NaI and BMPI for Application in Dye-Sensitized Solar Cells
S4-29	2113571	Al-Hajry, Ali	ZnO rosettes composed of perforated thin films for high efficient dye sensitized solar cell applications
S4-30	2113791	Umar, Ahmad	Dye Sensitized solar cell (DSSC) application of multipods ZnO architectures made of hexagonal nanorods