

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

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

Simposium 8: Critical Materials for Energy

Poster No.	Control ID	Presenter	Title
S8-1	2097153	Li, Ruixing	Solvothermal synthesis and photocatalytic activity of flower-like BiOCl
S8-2	2081274	Ryu, Jeong Ho	Synthesis of Lu ₃ MgAl ₃ SiO ₁₂ :Ce ³⁺ and its application to optical devices
S8-3	2083702	Lee, Dong Bok	High-Temperature Corrosion of Chromized and Aluminized T2 Steels in H ₂ S and H ₂ O Gases
S8-4	2088716	Kim, Jiwhan	Direct Growth of Cubic Pt Nanoparticles Inside the Mesoporous Silica
S8-5	2088741	Kim, Chanyeon	Synthesis of shape-controlled nickel hourglass nanoparticles with unconventional crystalline structure
S8-6	2088751	Han, Joung Woo	Support effect of metal oxide coated Ni catalyst for dry reforming of methane reaction
S8-7	2089836	Kim, Eun Hee	Carbon particle coated with polymer added ion compound for a fluidized bed electrode
S8-8	2111508	Uhm, Sunghyun	Dopant Effect of Barium Zirconate-Based Perovskite-Type Catalysts for the Intermediate-Temperature Reverse Water Gas Shift Reaction
S8-9	2111510	Kim, Jun-Hyun	Effect of deposition temperature on electrical properties of dopantless tin oxide films
S8-10	2111865	Jin, Yun-Ho	A study of characterization of copper by-product reduction process
S8-11	2111870	Jin, Yun-Ho	Development of pre-treatment for tin recovery from waste resources
S8-12	2111876	Jin, Yun-Ho	Evaluation of Electrochemical Performance of Recovery Silicon from Wasted Silicon Sludge as Lithium Ion Battery
S8-13	2113570	Yang, Hyunseok	Thermal Oxidation Properties of FeCrAl Metallic Catalyst Support
S8-14	2113605	Yoon, Jin-Ho	Development of pyrometallurgical technology using nickel-superalloy scrap
S8-15	2114010	Biswas, Maithili	Synthesis and Properties of Ni-Graphite Nanocomposite using Electrical Explosion of Wire in Liquid.
S8-16	2114031	Jang, Dae-Hwan	Microstructure and properties of ceramic coatings on FeCrAl alloy supporter by plasma electrolytic oxidation
S8-17	2114046	Lee, Kun-Jae	The effect of NIR shielding of one-dimensional Cs-doped tungsten oxides nanowire
S8-18	2114047	Son, Seong Ho	Recycling of Cathode Active Materials from NCM type Spent Lithium Ion Batteries using Eco-Friendly Organic Acid
S8-19	2114112	Park, Kyung-Soo	Process development for quantitative leaching of gallium from waste MOCVD dust
S8-20	2114168	You, Chanseok	Novel Synthetic Route of Vertically Conformal ZnO/CuO Core-Shell Nanowire Arrays for Energy Applications
S8-21	2114215	Shin, Dongwon	Separation and extraction of the rare-earth from end of life fluorescent lamps
S8-22	2114222	Kim, Hyun-Jong	A novel process for recovery of cobalt and resynthesis of cathode materials from spent lithium-ion batteries
S8-23	2114269	Kim, Jeong-gon	Investigation of Integrated Material Flow of Niobium in Korea

S8-24	2114392	Eom, Tae Hyoung	Regeneration characterization of solid sorbent for capturing CO ₂ from flue gas of coal fired power plant
S8-25	2118279	Rimal, Pradip	Effects of Magnetic Pulsed Compaction on mechanical properties of WC-CO alloys
S8-26	2118285	Peyala, Dharmiah	Fabrication and thermoelectric properties of Bi ₂ Te ₃ alloys by gas atomization and spark plasma sintering techniques
S8-27	2118290	Choi, MinGyu	Effect of Y ₂ O ₃ ceramic nanoparticle coating on the high temperature corrosion properties of Zircaloy-4 alloy
S8-28	2118444	Park, Ki-chan	Effects of composition and powder fabrication method on thermoelectric properties of n-type Bi ₂ Te ₃ material
S8-29	2123243	Chung, Jiyong	Large scale synthesis of Zinc oxide nanoparticle in aqueous phase.
S8-30	2123247	Jung, Euiyoung	A simple process for magnetic iron oxide (Fe ₃ O ₄) nanoparticles in an aqueous solution.
S8-31	2123382	Park, Chang Goo	High-Durable Metal Mesh for a Transparent Conducting Electrode
S8-32	e-mail	Park, Jun Young	Thermoelectric performance of the antimony-telluride and bismuth-tellurium-selenide powders fabricated by galvanic displacement reaction
S8-33	e-mail	Lee, Hyo-Soo	Effect of artificial patterning in a positive charge material of the triboelectric nanogenerator
S8-34	2092518	Fu, Yen-Pei	Double perovskite LaSrCo _{1.6} Cu _{0.4} O ₅₊ cathode for intermediate-temperature solid oxide fuel cells with pulsed laser deposited bi-layer electrolyte