

List of KIER CPs

#	KIER Pis	Title of Concept Paper
1	Doo-Whan Jung	Core-technology Development of Si-imbedded Expanded MCMB(Micro Carbon Micro Bead)from Coal-tar and low Rank Coal for High Density Energy Storage System
2	Gu-Gon Park	Novel nitride/carbide nano-structured support materials for M@Pt active metals of fuel cell applications
3	Young Cheol Park	Enabling carbon-based CO ₂ adsorbents capable of reducing the thermal regeneration energy in post-combustion capture at operational flue gas temperatures
4	Hyung-Joon Bang	Structure integrated de-icing element using fiber reinforced composite materials
5	Younghyun Cho	Nanostructured Organic Electrodes for Electrochemical Energy Storage Devices
6	Euy-Joon Lee	Self Sufficient Heat Pump (SSHP) Trigenation Technology
7	Heeyeon Kim	Development of the optimal composition & structure of heterogeneous catalysts based on the computational approach and atomic-scale characterization techniques
8	Hana Yoon	Novel dimension-controlled materials for combined energy conversion and energy storage devices
9	Min-Soo Suh	Solid state electrochemical cell for high-grade thermal WHP (waste heat to power)
10	Dowon Shun	Demonstration of small and medium scale industrial boiler for heat and power production in Vietnam
11	Hyun-Seok Cho	Porous Inorganic-Organic Hybrid Electrodes for Oxygen Evolution Reactions in Weak Alkaline Electrolysis