

# 2017 年功能性材料研討會暨科技部專題研究計畫成果發表會

## 英文口頭報告(OA)

發表編號	作者	投稿篇名	排名
OA-02	Tzu-Lun Kao, Wei-Hsiang Huang, and Hsing-Yu Tuan	Kerf loss silicon as a cost-effective, high-efficiency, and convenient energy carrier: additive-mediated rapid hydrogen production and integrated systems for electricity generation and hydrogen storage	第一名
OA-03	Han Ko (柯翰) · Chih-Chia Huang (黃志嘉) Ph.D.	Solution-based phase transformation synthesis of black Fe <sub>3</sub> O <sub>4</sub> nano-colloid for efficient near-infrared depletion of E.coli	第二名
OA-05	Chun-Yu Kao, Jui-Hsiang Liu	Fabrication and Characterization of Predesigned Supramolecular Constructions of Polyampholyte Hydrogels	第三名

## 英文口頭報告(OB)

發表編號	作者	投稿篇名	排名
OB-04	CHIA-SUI CHEN, MEI-CHIN CHEN	Dissolving Poly- $\gamma$ -Glutamate Microneedles for Reducing the Symptoms of Atopic Dermatitis	第一名
OB-01	Yulita, Yuniarti Yuyun, Jui-Hsiang Liu	Chiral Inductions on Supramolecular Self-Assembly and Super-Twisted Nematic Liquid Crystal Cells	第二名
OB-05	Yi Ning Hsu, Jui-Hsiang Liu	Water Content Enhancement of Interpenetrating Polymeric Hydrogels Prepared from Polyvinyl-alcohol and 2-Hydroxyethyl-methacrylate	第三名