

## 何麗貞 個人簡歷

學歷：	工作經歷：
台灣大學化工系 學士 成功大學化工所 碩士 中山大學材料所 博士	聚和國際 精密化學品事業部 副總 聚和國際 創新研發中心 副總 能元科技 產品開發部 經理 華榮電纜 專案研究員 中德電子 製程工程師 華新科技 研發工程師
<p>聚和國際創立於民國六十四年，所營事業主要為特用化學品、精密化學品及自黏性可再貼便條紙之製造與銷售。自創始以來，即以自主研發做為公司永續發展的長期營運策略，多年來不斷研究開發新產品。2004 年成立創新研發中心，將觸角從化學製造業，逐步跨向生技製藥、美容保健、綠能產業和建材塗料等嶄新的領域，目前聚和國際已發展成具全球競爭力的綜合性高科技公司，未來仍將以追求突破性創新為持續成長的目標。</p>	
曾發表著作：	
<h3>A. Referred Papers</h3> <ol style="list-style-type: none"><li>1. Ivan Baginskiy, Tsung-Ching Lai, Liang-Chien Cheng, Yung-Chieh Chan, Kuang-Yu Yang, Ru-Shi Liu, Michael Hsiao, Chung-Hsuan Chen, Shu-Fen Hu, <b>Li-Jane Her</b>, and Din Ping Tsai, "Chitosan-Modified Stable Colloidal Gold Nanostars for the Photothermolysis of Cancer Cells", J. Phys. Chem. C.2013. 117(5). pp 2396-2410</li><li>2. Liang-Chien Cheng, Hao Ming Chen, Tsung-Ching Lai, Yung-Chieh Chan, Ru-Shi Liu, James C. Sung, Michael Hsiao, Chung-Hsuan Chen, <b>Li-Jane Her</b> and Din Ping Tsai, "Targeting polymeric fluorescent nanodiamond-gold/silver multi-functional nanoparticles as a light-transforming hyperthermia reagent for cancer cells", <i>Nanoscale</i>, 2013,5, 3931-3940</li><li>3. Ru-Shi Liu, Liang-Chien Cheng, Jing-Hong Huang, Hao Ming Chen, Tsung-Ching Lai, Michael Hsiao, Chung-Hsuan Chen, Kuang-Yu Yang, Din Ping Tsai and <b>Li-Jane Her</b>, "Highly efficient urchin-like bimetallic nanoparticles for photothermal cancer therapy", 11 February 2013, SPIE Newsroom</li><li>4. Han-fen Huang, <b>Li-Jane Her</b>, "Composition for Enhancing Intestine Metabolism", United States Application US20140349961</li><li>5. Han-fen Huang, <b>Li-Jane Her</b>, "COMPOSITION FOR BODY FAT CONSUMPTION", United States Patent Application 20140349960</li><li>6. Chia-chin Chang, <b>Li-Jane Her</b>, "ELECTROLYTE FOR LITHIUM ION SECONDARY BATTERY USE, AND LITHIUM ION SECONDARY BATTERY", Japanese Patent</li></ol>	

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8. Chia-Chin Chang, Li-Jane Her, Huang-Kai Su, Sheng-Hsiang Hsu, Yao Te Yen, "Effects of Dispersant on the Conductive Carbon for  $\text{LiFePO}_4$  Cathode", *Journal of The Electrochemical Society*, 158 (2011) A481-A486.
9. Chia-Chin Chang, Te-Kang Chen, Li-Jane Her, George Ting-Kuo Fey, "Tris(pentafluorophenyl) borane as an electrolyte additive to improve the high temperature cycling performance of  $\text{LiFePO}_4$  cathode", *Journal of The Electrochemical Society*, 156 (2009) A828-A832. **(SCI)**
10. Chia-Chin Chang, Li-Jane Her, Ti-Kang Chen, Li-Chia Chen, Jin-Long Hong, "The influence of different electrode fabrication methods and poly(vinylidene fluoride) binders on the anode electrode dimension stability and cyclability in lithium-ion batteries", *Journal of New Materials for Electrochemical Systems*, 11(2008) 43-47**(SCI)**
11. Chia-Chin Chang, Wei-Lun Ho, Li-Jane Her, Jin-Long Hong, Shyh-Jiun Liu, Chien-Hsin Yang, "Poly(3-methylthiophene) as a Conductive Additive on  $\text{LiCoO}_2$  Composite Cathode in Lithium-Ion Battery", *Journal of New Materials for Electrochemical Systems*, 11(2008) 49-54**(SCI)**
12. Chia-Chin Chang, Li-Jane Her, Li-Chia Chen, Yen-Yu Lee, Shyh-Jiun Liu, Hsien-Ju Tien, "2,2-Dimethoxy-Propane as Electrolyte Additive for Lithium Ion Batteries", *Journal of Power Sources*, 163 (2007)1059-1063. **(SCI)**
13. Li-Jane Her, Jin-Long Hong, Chia-Chin Chang, "Preparation and Electrochemical Characterizations of Poly(3,4-dioxyethylenethiophene)/ $\text{LiCoO}_2$ -Ketjenblack Composite Cathode in Lithium-Ion Battery", *J. Power Sources*, 161(2006)1247. **(SCI)**
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15. Chia-Chin Chang, Li-Jane Her, Jin-Long Hong, "Copolymer from Electropolymerization of Thiophene and 3,4-Ethylenedioxythiophene and its Use as Cathode for Lithium Ion Battery", *Electrochim. Acta*, 50 (2005) 4461-4468. **(SCI)**

演講內容摘要：

演講題目：化工本質學能在產業界的應用

化學工程學系課程內容涵蓋範圍相當廣泛，從基礎的數理訓練、材料科學、機電原理與眾多的化工專業科目。經過完整化學工程學系訓練的化工人，堪稱十八般武藝樣樣精通。

身為化工人，妳/你是否已準備好迎接未來職涯發展的機會與挑戰？

本演講將針對化工本質學能在不同產業別與各種職務角色的實質應用，提出經驗案例分享，希望能讓各位在學的準化工人對於未來的發展有更清楚的理解，做好投入職涯的認知準備。