

期刊論文

年度	論文名稱	作者
2017	A Rotational-Actuator Using a Thermomagnetic-Induced Magnetic Force Interaction	Chih-Cheng Cheng, Tien-Kan Chung*, Chin-Chung Chen, and Wang Hsin Min
2017	A magnetic-piezoelectric smart material-structure sensing three axis DC and AC magnetic-fields	Chiao-Fang Hung, Chin-Chung Chen, Po-Chen Yeh, Po-Wen Chen, Tien-Kan Chung
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2016	An Attachable Electromagnetic Energy Harvester Driven Wireless Sensing System Demonstrating Milling-Processes and Cutter-Wear/Breakage-Condition Monitoring	Tien-Kan Chung*, Po-Chen Yeh, Hao Lee, Cheng-Mao Lin, Chia-Yung Tseng, Wen-Tuan Lo, Chieh-Min Wang, Wen-Chin Wang, Chi-Jen Tu, Pei-Yuan Tasi, Jui-Wen Chang
2016	Magnetic-field-assisted electric-field-controlled magnetic stripe domains rotation in a magnetoelectric Ni microbar/[Pb(Mg _{1/3} Nb _{2/3})O ₃] _{0.68} -[PbTiO ₃] _{0.32} heterostructure	Tien-Kan Chung*, Hsin-Min Wang, Yu-Jen Chen, Shin-Hung Lin, Hou-Jen Chu, Po-Jung Lin, Chiao-Fang Hung

2016	A Magnetic-Piezoelectric Smart Material-Structure Utilizing Magnetic-Force-Interaction to Optimize the Sensitivity of Current Sensing	Po-Chen Yeh, Tien-Kan Chung*, Chen-Hung Lai, and Chieh-Min Wang
2016	A miniature mechanical-piezoelectric-configured three-axis vibrational energy harvester	Chiao-Fang Hung, Tien-Kan Chung*, Po-Chen Yeh, Chin-Chung Chen, Chieh-Min Wang, Shin-Hung Lin
2015	A Miniature Magnetic-piezoelectric Thermal Energy Harvester	Chin-Chung Chen, Tien-Kan Chung*, Chia-Yuan Tseng, Chiao-Fang Hung, Po-Chen Yeh, Chi-Cheng Cheng
2014	Electromagnetic/Magnetic-Coupled Targeting System for Screw-Hole Locating in Intramedullary Interlocking-Nail Surgery	Tze-Hong Wong, Tien-Kan Chung*, Tzu-Wei Liu, Hou-Jen Chu^, Wensyang Hsu, Po-Chen Yeh, Chin-Chung Chen, Meng-Shiue Lee
2014	A rapid synthesis/growth process producing massive ZnO nanowires for humidity and gas sensing	Nai-Feng Hsu*, Tien-Kan Chung
2014	A Three-Axial Frequency-Tunable Piezoelectric Energy Harvester Using a Magnetic-Force Configuration	Tien-Kan Chung*, Chieh-Min Wang, Po-Chen Yeh, Tzu-Wei Liu, Chia-Yuan Tseng, Chin-Chung Chen
2013	以智慧型材料建構之奈米電-磁耦合致動技術之簡介 (Invited)	洪喬方, 曲厚任, 林柏榮, 鍾添淦*

資料來源：

<https://arsp.most.gov.tw/NSCWebFront/modules/talentSearch/talentSearch.do?action=initRsm05&rsNo=caeb6ee091d04291b4b118dfa67961b2&LANG=chi>