

出版日期	著作類別	期刊論文名稱	作者	收錄出處
2013-8	研討會論文	Design and Estimation of a MCPCB-Flat Plate Heat Pipe for LED Array Module	S.C. Shen*, H. J. Huang, H.J. Shaw	
2012-12	研討會論文	Design and Fabrication of A Multi-degree-of-freedom Microactuator using Symmetric Piezoelectric Pusher Element and its Applications	S.C. Shen*, S. J. Chang, C. T. Pan, J.C. Huang, and P.C. Tsai	
2012-12	研討會論文	Design and Simulation of the Single-mode Piezoelectric Actuator with Asymmetric Electrodes	S.J. Chang*, S.C. Shen, J.Chen, and C.T. Pan	
2012-12	研討會論文	微楔型鏡面應用於雙掃描系統之研製	李宗翰、沈聖智	
2012-12	研討會論文	微慣性感測元件於載具轉向角度之估測系統設計及其應用	鄭宇舜、沈聖智	
2012-12	研討會論文	微慣性轉向感測器模組於水下載具動能之研究	萬原府、沈聖智	
2012-9	研討會論文	Experimental of High Power LED Array on plate Heat Pipe by IR Camera	H.J. Huang, S.C. Shen*, J.C. Hsieh	
2012-9	研討會論文	Wet Deposition Process for Thin-Film Transistors	S.C. Shen*, C.T. Pan, S.J. Chang, S.C. Lin	
2012-3	研討會論文	Study of Thin Film Adhesion Properties of Multi-layer Flexible Electronics Composites	C.C. Li, Z.H. Liu, C.T. Pan*, S.C. Shen, S.J. Chang	
2011-12	研討會論文	A Novel Miniaturization Actuator using a Symmetric Piezoelectric Pusher Element for Pocket Sun-tracking System	P.C. Tsai, Y. S. Jheng, D.C. Li, S.C. Shen	
2011-12	研討會論文	應用於光纖導光之太陽能集光器設計	吳克承、黃信榮、沈聖智	
2011-11	研討會論文	A Novel Dual Screen Projection System Using Balance-Type Micro-Mirror with Piezoelectric Actuator (學生論文競賽—佳作)	Z. H. Li, M. T. Shih, S. C. Shen	
2011-6	研討會論文	A novel dual screen projection system using balance-type micromirror with piezoelectric actuator	M.T. Shih, S.C. Shen*, S.J. Chang, H. J. Huang	
2011-6	研討會論文	A novel miniaturization actuator using a symmetric piezoelectric pusher element for pocket sun-tracking system	S.C. Shen*, P.C. Tsai, C. T. Pan, H.J. Huang, J.C. Huang	
2010-12	研討會論文	天秤型鏡面微壓電致動器於雙顯示投影系統之研製	施明廷、沈聖智、李大青	
2010-11	研討會論文	Design and Fabrication of a High-Power Eyeball-like Microactuator Using a Symmetric Piezoelectric Pusher Element(學生論文競賽—佳作)	P. C. Tsai, J. C. Huang, S. C. Shen	
2010-11	研討會論文	能量映射法應用於特定光形之透鏡結構設計	黃信榮、邵揮洲、沈聖智	
2010-6	研討會論文	A novel dual screen projection system using balance-type micromirror with piezoelectric actuator	M.T. Shih, S.C. Shen*, S.J. Chang, H. J. Huang	
2010-6	研討會論文	A novel miniaturization actuator using a symmetric piezoelectric pusher element for pocket sun-tracking system	S.C. Shen*, P.C. Tsai, C. T. Pan, H.J. Huang, J.C. Huang	
2010-5	研討會論文	LIGA-LIKE技術於三層結構之複合式光學膜片製作”，精密機械與製作科技研討會，A77，屏東墾丁，2010年05月22日。	詹昀諭、黃信榮、沈聖智	
2010-5	研討會論文	雙對稱曲面光學投射元件於StVZO自行車燈之研發”，精密機械與製作科技研討會，A68，屏東墾丁，2010年05月22日。	黃敏豪、黃信榮、沈聖智、邵揮洲	
2010-5	研討會論文	高亮度LED模組於水下光場之設計與分析”，第12屆水下技術研討會，國立成功大學，臺南，pp147-156，2010年05月07日。	趙致傑、沈聖智、黃明志	
2010-3	研討會論文	A new calibration method for low cost MEMS inertial sensor module”, Proceedings of the AMC 2010 Conference, 03/21 2010, Nagaoka, Japan. (EI index)	S. C. Shen*, C. J. Chen, and H. J. Huang	
2010-3	研討會論文	A new calibration method for low cost MEMS inertial sensor module”, Proceedings of the AMC 2010 Conference, 03/21 2010, Nagaoka, Japan. (EI index)	S. C. Shen*, C. J. Chen, and H. J. Huang	
2010-	研討會論文	Evaluation of MEMS Inertial Sensor Module for Underwater Vehicle Navigation Application,” The International Conference on Electrical and Control Engineering ,ICECE2010, 2010, Wuhan China. (EI index)	S. C. Shen*, C. J. Chen	
2010-	研討會論文	Evaluation of MEMS Inertial Sensor Module for Underwater Vehicle Navigation Application,” The International Conference on Electrical and Control Engineering ,ICECE2010, 2010, Wuhan China. (EI index)	S. C. Shen*, C. J. Chen	
2009-11	研討會論文	對稱型壓電元件於3-軸微型致動器之研發”，第26屆中國機械工程研討會，成功大學，台南，E11-009，2009年11月20~21日。	王建鈞、沈聖智	
2009-11	研討會論文	高亮度LED集魚燈之研製”，第26屆中國機械工程研討會，成功大學，台南，D15-007，2009年11月20~21日。	王韋力、沈聖智	
2009-8	研討會論文	A novel handheld high power MEMS atomizer using micro cymbal shape nozzle plate for Inhalation therapy”, Proceedings of the ASME 2009 IDETC/CIE Conference, 08/30 2009, San Diego, California, USA	S. C. Shen* Y. J. Wang	
2009-8	研討會論文	Fabrication of Eyeball-like Spherical Micro-lens Array for Optical Fiber Coupling”, Proceedings of the ASME 2009 IDETC/CIE Conference, 08/30 2009, San Diego, California, USA	S. C. Shen*, C.T. Pan, R. F. Shyu, C. H. Chao, J. C. Huang, C. Y. Yeh	
2009-5	研討會論文	微機電慣性感測器校正方法之研究”，第11屆水下技術研討會，海洋大學，基隆，2009年05月08日。	陳家榮、沈聖智	
2009-3	研討會論文	高亮度LED集魚燈運用在漁船之研究”，第21屆中國造船暨輪機工程研討會，高雄國賓飯店，高雄，2009年03月7~8日。	沈聖智、方銘川、蘇炎坤、黃信榮，葉俊毅	
2008-11	研討會論文	低頻電磁式獵能器之設計與研發”，第32屆中華民國力學學會，國立中正大學，嘉義，2008年11月28~29日。	游靖鼎、沈聖智、潘正堂	
2008-11	研討會論文	具複合式微結構均溫基板於水平方向之實驗研究”，第32屆中華民國力學學會，國立中正大學，嘉義，2008年11月28~29日。	沈聖智、謝瑞青、黃信榮、邵揮洲	

2008-11	研討會論文	多層網於溝槽微結構上之平板型熱管特性研究”，第25屆中國機械工程研討會，大葉大學，彰化，A01-53，2008年11月21~22日。	謝瑞青、黃信榮、沈聖智、邵揮洲
2008-11	研討會論文	對稱型壓電元件於多軸度微型致動器之研發”，第26屆中國機械工程研討會，大葉大學，彰化，E11-06，2008年11月21~22日。	黃俊成、沈聖智、王郁仁、李大青
2008-11	研討會論文	薄形III-V族太陽能集光器之光學設計”，第25屆中國機械工程研討會，大葉大學，彰化，E10-15，2008年11月21~22日。	葉俊毅、沈聖智、潘正堂、王韋力
2008-4	研討會論文	MEMS-Based微慣性導航系統於水下載具之研發”，第10屆水下技術研討會暨國科會成果發表會，pp247-254，國立中山大學，高雄，2008年4月25日。	沈聖智、陳永裕、陳家榮
2008-4	研討會論文	適應性均溫基板於AUV LED頭燈之研發”，第10屆水下技術研討會暨國科會成果發表會，pp227-238，國立中山大學，高雄，2008年4月25日。	黃信榮、謝瑞青、沈聖智
2007-11	研討會論文	Fabrication Micro-Nozzle Plates for Inkjet Print Head Using LIGA Process," ICAM Conference, Nov 26-28, 2007, Taiwan Tainan.	S. C. Shen*, C. J. Lee, M. W. Wang, Y. C. Chen, Y. J. Wang, Y. Y. Chen
2007-11	研討會論文	Fabrication Micro-Nozzle Plates for Inkjet Print Head Using LIGA Process," ICAM Conference, Nov 26-28, 2007, Taiwan Tainan.	S. C. Shen*, C. J. Lee, M. W. Wang, Y. C. Chen, Y. J. Wang, Y. Y. Chen
2006-	研討會論文	Mixed H2/H <sub>2</sub> O Estimation Design of MEMS-Based Micro Inertial Navigation Systems," IEEE IECON06 Conference, Paris, France, 2006.	S. J. Chang, Y. Y. Chen, S. C. Shen, S. H. Wang, and C. Y. Huang
2006-	研討會論文	Robust Estimation Design of MEMS-Based Integration Inertial Navigation Systems," IEEE IECON06 Conference, Paris, France, 2006.	Y. Y. Chen, S. C. Shen, S. J. Chang, R. Y. Yu, and C. Y. Huang
2006-	研討會論文	Ultrafine Droplets Produced by MEMS Atomization Device", APCOT, 2006, Singapore.	S. C. Shen, Y. R. Wang, T. F. Wu, C. H. Teng and M. R. Wang
2005-	研討會論文	A Robust Control Design of Tissue Microdissection System," IEEE HIM/ICM Conference, Taipei, Taiwan, 2005.	Y. Y. Chen, S. C. Shen, and J. F. Wu
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2005-	研討會論文	High-Density Optical Disk Mastering Using Electron Beam Lithography with Modified LIGA Demolding Mechanism," 2005 International Conference on Advanced Manufacture, Taipei, Taiwan, pp.1123-1128.	S. C. Shen, P.J.Cheng, C. T. Pan, C.Y.Su, Y. M. Hwang, and M. F. Chen
2002-12	研討會論文	A localized low-temperature si wafer bonding technique for microsystem packaging", 第五屆奈米工程暨系統技術研討會論文集, pp. 2-105~110, 工業技術研究院, Dec. 12-13, 2002.	沈聖智、潘正堂、周敏傑、周懷樸
2002-	研討會論文	Optical techniques for fabrication of microball lens arrays", 4th WSEAS Int.Conf. on Nanoelectronics and Nanotechnology (ICONN2004), Session B8, Kenting, 1st, Jan., 2004.	C. T. Pan, S. C. Shen, J.Z.Zha
2001-11	研討會論文	A Batch Fabrication micro-ball array for optical coupling in free space communication", IMECE2001, Proceedings of 2001 ASME International Mechanical Engineering Congress and Exposition, Nov. 11th-16th, New York, 2001. (oral)	S. C. Shen, C. T. Pan, and H. P. Chou
2001-11	研討會論文	Electromagnetic optical switch for optical network communication", Proceeding of SPIE, Vol. 4582, pp. 240-246, APOC 2001, Beijing, China, 2001.	S.C. Shen, C. T. Pan, H. Yang, M. C. Chou, and S.-T. Wu

2001-6	研討會論文	Design and Fabrication of High Power Electromagnetic Microactuator with Perpendicular Magnetic Anisotropy", IMECE2001, Proceedings of 2001 ASME International Mechanical Engineering Congress and Exposition, New York, NY, November 11-16, 2001.	S. C. Shen, C. T. Pan , H. P. Chou
2001-5	研討會論文	Fabrication of optical switch arrays with auto-aligning fibers and latching micro-mirrors", France, DTIP2002, 2002.	H. Yang, C. T. Pan, S.C. Shen
2001-3	研討會論文	晶圓局部接合技術應用於微機電系統" 2001 中華民國自動控制研討會 , pp.678-682 , 中正理工學院 , 2001年3月。	沈聖智、周懷樸、潘正堂、楊詔中
2001-	研討會論文	Batch assembly micro ball lens array for Si-based optical coupling platform in free space", ICOSN 2001,the 2nd OSJ-SPIE International Conference on Optical Engineering for Sensing and Nanotechnology, in Yokohama, Japan, 6-8 June 2001.	S. C. Shen,C. T. Pan, H, P, Chou, Y. H. Chao, and K. L. Lin
2001-	研討會論文	Electromagnetic Optical Switch for Optical Network Communication", ISPMM / ISAMT2001 (International Symposium on Physics of Magnetic Materials 2001 / International Symposium on Advanced Magnetic Technologies 2001) in Grand Hotel Taipei, Taiwan, May 13-16, 2001.	S.C. Shen, C. T. Pan, M.C. Chou, H.P. Chou,
2001-	研討會論文	Method of Localized and Low-Temperature Wafer Bonding for Micro-system Packaging", SPIE's Microelectronic and MEMS Technologies conference, Edinburgh, Britain, 30 May~1 June, 2001.	S. C. Shen, C. T. Pan, Hwai-Pwu Chou
2001-	研討會論文	Polyimide as the Pedestal of Batch Fabricated Micro-Ball Lens and Micro-Mushroom Array", MEMS 2001 14th, pp. 337-340, 2001.	Y. S. Lin, C. T. Pan, K. L Lin, S. C. Shen, J.-J. Yang, and J.-P. Yang
2001-	研討會論文	Self-Parking Fiber and Self-Latching Vertical Mirror for Fiber-Optical Switch Array", SPIE's Microelectronic and MEMS Technologies conference, Edinburgh, Britain, 30 May~1 June, 2001. (oral)	S. C. Shen, C. T. Pan, H. P. Chou
2000-6	研討會論文	Excimer Laser Patterning of Polyimide Microstructure for Permalloy Magnetic Microactuator", Actuator 2000, pp.96-99, Bremen, Germany, Jun.19-21, 2000.	Y. S. Lin, C. T. Pan, S.C. Chen, J. J. Yang