

Awards

Name of Award	Organizers	Date of Award
2014-15 1st Semester Curriculum Restructuring Plan	Promoting Teaching Excellence Program Office	2014.09
2012-13 Reward for Core Comptencies Teaching Results	Promoting Teaching Excellence Program Office	2013.11
101 school year core curriculum teaching effectiveness award	Promoting Teaching Excellence Program Office	2013.11
Full-time teachers academic achievement awards 101 academic year	MCU	2013.03
Model Teacher	Education Association	2010.10
Excellent interpersonal tutor 98 school system	MCU	2010.09
college students to participate in NSC Thematic Projects - Effect of the Guidance Award	Promoting Teaching Excellence Program Office	2010.09
98 full-time teachers school year reward academic research grants	MCU	2010.03
Excellent interpersonal tutor 97 school system	MCU	2009.09
97 year digital platform game using good-quality award	MCU	2009.09
96 year teaching gifted teacher Intercollegiate	information college	2009.03
96 year academic achievement award	MCU	2009.03
96 year digital platform game for personal use class Premium Award	MCU	2008.12
96 school year, the school excellent tutors	MCU	2008.09
96 year digital platform game using good-quality award	MCU	2008.06
95 學年 系際優良導師	銘傳大學	2007.09
95 學年度銘傳大學研究獎助	銘傳大學	2006.08
有/無線通訊網路整合實驗計畫優等獎	教育部	2000.10
研究傑出教師獎	萬能科技大學	2000.01
研究傑出教師獎	萬能科技大學	1998.02

Research Achievements:Conference Paper

Article Title	Journal Name	Author	Category	Publication Date
Investigation of optic fiber sensor based on surface plasmon resonance for monitoring the concentration of plasma deposited hydrophilic functional groups on material surfaces	Sensors and Actuators A: Physical	Yu-Chia Tsaoa, Yu-Cheng Lin, Woo-Hu Tsai, Mu-Shiang Wu,	SCI	2011.03
Characteristics of two-segment lensed fiber collimator	Microwave and Optical Technology Letters	Yu-Cheng Lin*, and Chia-Hao Chang	SCI	2010.08
Insertion loss of lensed fiber collimator with larger gradient-index lens diameter	Microwave and Optical Technology Letters	Yu-Cheng Lin	SCI	2010.06
Multi-step structure of side-polished fiber sensor to enhance SPR effect	Optics And Laser Technology	Tsai Woo-Hu, Lin Yu-Cheng*, Tai Jiu-Kai, Tsao Yu-Chia,	SCI	2010.04
Characteristics of lensed fiber collimator with larger gradient-index lens diameter	Microwave and Optical Technology Letters	Yu-Cheng Lin	SCI	2009.04
The enhancement method of optical fiber biosensor based on surface plasmon resonance with cold plasma modification	Sensors and Actuators B	Yu-Cheng Lin*, Yu-chia Tsao, Ko-Shao Chen, Tsui-Shan Hung, Woo-Hu Tsai, Shu-Chuan Liao	SCI	2008.08
An Effective One-Axis Passive Packaging Method for D lens Fiber Collimator	Optics & Laser Technology	Yu-Cheng Lin* and Wei-Ching Chuang	SCI	2008.07
An enhancement method of fiber biosensor based on	Photonics Technology Letter	Yu-Cheng Lin*, Woo-Hu	SCI	2008.04

surface plasmon resonance by use of cascaded structure		Tsai, Yu-Chia Tsao and Jiu-Kai Tai		
光準直器插入損失及對光錯位容忍度分析	Journal of Informatics & Electronics	林鈺城、翁健洋、林晉德、廖士福		2007.12
A compact-size D lens collimator for Fiber Coupling	Journal of Optoelectronics Advanced Materials	Yu-Cheng Lin, Wei-Ching Chuang, Chien-Jang Wu, and Wei-Chih Wang	SCI	2007.08
Characteristics of Compact-size D Lens Collimator for Micro-optics Devices Applications	Microwave and Optical Technology Letters	Yu-Cheng Lin	SCI	2007.08
Thermally Expanded Core Fiber with High Numerical Aperture for Laser Diode Coupling	Microwave and Optical Technology Letters	Yu-Cheng Lin* and San-Chien Lin	SCI	2006.05
Measurement of Electrically Fabry-Perot Interferometer Using a Mono-chromatic Light Source	Microwave and Optical Technology Letters	Kuen-Cherng Lin, Jin-Shin Lin, Po-Lun Chen, and Wei-Ching Chuang	SCI	1999.01
SSFLC optical directional coupler switch with a short device length: a proposal	IEEE J. of Lightwave Technology	Wei-Yu Lee, *Jin-Shin Lin, Kun-Yi Lee, and Wei-Ching Chuang	SCI	1995.11
Analysis of asymmetric coplanar strip electrodes with buffer layer in integrated-optics electrooptic devices	J. of Optical Communications	Jin-Shin Lin*, The-Nan Chang, and Wei-Yu Lee	EI	1995.06
Design of vertical directional coupler switch using ferroelectric liquid crystal	J. of Optical Communications	*Jin-Shin Lin, and Wei-Yu Lee	EI	1995.02

A vector Galerkin 's method based on the H fields	J. of Optical Communications	Sung-Yuen Wang, Wei-Yu Lee, *Jin-Shin Lin	EI	1995.01
A novel vertical $\Delta \kappa$ directional coupler switch using liquid crystal	IEEE J. of Lightwave Technology	Wei-Yu Lee, Jin-Shin Lin* and Sung-Yuen Wang	SCI	1995.01
An efficient two-dimensional discrete Fourier transform analysis of periodic pixels of TFT/LCDs	Microwave and optical Technology Letters	*Jin-Shin Lin and Wei-Yu Lee	EI	1994.09
Electro-optical switching in a fiber coated by liquid crystals	Ferroelectrics	Jin-Shin Lin, Sung-Yuen Wang, Wei-Yu Lee, Ping-Ou Chen, and Jang-Jeng Liang	EI	1994.06
Capacitance analysis of periodic pixel of LCD using discrete Fourier transform	Electronics Letters	*Jin-shin Lin, Sung-Yuen Wang, and Wei-Yu Lee	SCI	1994.04
The analysis of electric field for a periodic electrode with a dielectric buffer-layer	Ferroelectrics	*Jin-Shin Lin, Jang-Jeng Liang, Wei-Yu Lee, Ping-Ou Chen, and Chi-Chien Chen	EI	1992.10

Research Achievements:Journal Article

Article Title	Journal Name	Author	Category	Publication Date
Study on Bending Property of Series Plastic Optical Fiber	Ming Chung University' s International Academic Conference, Taoyuan, Taiwan, , 2016	Liao Shijie, Lin Yucheng		2016.03
Theoretical Study on the Principle of Surface Plasma	Ming Chung University' s International Academic	Wang Yucong, Lin Yucheng		2016.03

Resonance in Optical Fiber Structures	Conference, Taoyuan, Taiwan, 2016			
A Reflection-Type Fiber-Optic Sensor Based on Surface Plasmon Resonance	Optics & Photonics Taiwan, the International Conference (OPTIC) 2015	Yu-Cheng Lin, Shih-Jie Liao, Woo-Hu Tsai, Chi-Wei Meng		2015.12
To Build the Optic Fiber SPR Design Platform Based on LabVIEW	Optics & Photonics Taiwan, the International Conference (OPTIC) 2015	Yu-Cong Wang, Yu-Cheng Lin		2015.12
Guidance Platform of Plastic Fiber Surface Plasma Resonance Sensor	2015 Biomedical Engineering Science and Technology Symposium and Seminar on Medical Engineering Research Achievements of Ministry of Science and Technology	Lin Yucheng, Wang Yucong, Xu Ting, Wu Jiacheng, Li Hongyi		2015.11
Screening of Enzyme for Ethylenediamine in Milk by Optical Fiber Surface Plasma Resonance Sensor	2015 Biomedical Engineering Science and Technology Symposium and Seminar on Medical Engineering Research Achievements of Ministry of Science and Technology	Chen Liangyu, Zhang Jiawei, Lin Yucheng		2015.11
optical fiber surface plasmon resonance sensor used to measure the glucose concentration	2015 Biomedical Engineering Science and Technology Symposium and Seminar on Medical Engineering Research Achievements of Ministry of Science and Technology	Lin Yucheng, Li Zhenyi, Li Meijing, Jane Mengxuan, He Hongyi		2015.11
Study on the Characteristics of Plasma Sensors on Curved Surface of Plastic Optical Fiber	2015 Biomedical Engineering Science and Technology Symposium and Seminar on Medical Engineering Research Achievements of Ministry of Science and Technology	Lin Yucheng, Wu Jiacheng, Li Hongyi, Wang		2015.11

		Yucong and Xu Tingting		
Manufacture of plastic optical fiber respiratory sensing system	The 9th Integrative Optoelectronics Technology and Intellectual Property	Liao Shijie, Lin Baiyu, Lin Yucheng		2015.05
Surface Modification of Surface Plasma Resonance Fiber Sensor	The 9th Integrative Optoelectronics Technology and Intellectual Property	Lin Yucheng and Zhang Jiawei		2015.05
Analysis of Human Activity at Home	The 11th Outlying Islands Information Technology and Application Symposium	Chen Weiting, Xie Chaohe, Lin Yucheng		2015.05
Determination of oleic acid in vegetable oil by plastic optical fiber	Ming Chuan University 2015 International Symposium on Information Technology and Practice	Huang Zhiruo, Xu Zhijie, Wang Yiting, Lin Yucheng		2015.03
Research on remote anti - theft monitoring system based on APP	Ming Chuan University 2015 International Symposium on Information Technology and Practice	Lin Bo Yu, Xie Yu soft, Lin YuCheng		2015.03
Stability measurement of surface plasmon resonance fiber sensor	Seminar on Integrating Optoelectronics Technology and Intellectual Property 2014	Lin Yucheng and Zhang Jiawei		2014.05
Study on the stability of plasmon resonance sensor on plastic optical fiber surface	Seminar on Integrating Optoelectronics Technology and Intellectual Property 2014	Huang Zhiruo, Xu Zhijie, Wang Yiting, Lin Yucheng		2014.05
Protein detection system for the production	Ming Chuan University 2014 International Symposium on	LIN Yu-cheng, WU Kun-hua,		2014.03

	Information Technology and Practice	LIN Jian-liang, LV Jia-xun,		
Fabrication of Plastic Fiber Breath Sensing System	Ming Chuan University 2014 International Symposium on Information Technology and Practic4	Lin Yi Teng, Chen Minhua, Lin Weicheng, Lin Yucheng		2014.03
A Reflection Type Fiber-Optic Sensor Based on Surface Plasmon Resonance	International Conference on Optics and Photonics in Taiwan, OPT2013	Yu-Cheng Lin and Yu-Chia Tsao		2013.12
Study on Protein Dynamic Measurement System Based on Fiber Surface Plasma Resonance	Biomedical Engineering Technology Symposium 2013	CHEN Yi-qi, CHEN Liang-yu, LIN Yu-cheng		2013.11
Simulation and design of PEMFC using Labview	The International Conference on Information Technologies and Practices in 2013	Yu-Cheng Lin, Che-Yin Tsai, His-Wei Chang, Li Cheng, Chen-Yuan Kao		2013.03
Influence of QCM surface modification period on protein catching	The International Conference on Information Technologies and Practices in 2013	Yi-Chi Chen, Pei-Yi Hsiao, Yu-Yu Huang, Jia-Rung Lin, Liang-Yu Chen, Yu-Cheng Lin		2013.03
Study of activation recycling	The International Conference on Information Technologies and Practices in 2013	Yu-Yu Huang, Jia-rung Lin,		2013.03

efficiency for optical fiber SPR sensor		Pei-Yi Hsiao, Liang-Yu Chen, Yu-Cheng Lin		
Fuel cell system with hydrogen alarm function	The 11th Symposium on Information Technology and Application in Outlying Islands, Taiwan, Penghu	Lin Yucheng, Cai Ziyin, Zhong Canhong, Liao Xiangbin		2012.05
Sulfide and IPA Surface Modification for Protein Detection	Ming Chung University' s International Academic Conference, Taoyuan, Taiwan 2012	Chen Yiqi, Chen Xiangning, Fan Junyu, Zhang Weishan, Lin Xinyi, Chen Liangyu, Lin Yucheng,		2012.03
Study of Internal Control and Loading Effect on Air-cooling PEMFC	Ming Chung University' s International Academic Conference, Taoyuan, Taiwan 2012	Yu-Cheng Lin, Che-Yin Tsai, Guo-quan Hong, Xiang-bin Liao, Canhong Zhong		2012.03
Optical Fiber Biosensor Based on Surface Plasmon Resonance	Photonics Conference 2011 (IPC2011)	Yu-Cheng Lin, Chieh-Wei Feng, Hsiang-Ning Chen, Jiun-Yu Fan, Xsin-Yi Lin, Wei-Shan Chang		2011.11

Fabrication and Measurement of 10 CELL PEMFC Stack	Proceedings of the 5rd Conference on Integrated Opto-Mechatronic Technology and Intellectual Property Rights 2011	3. Yu-Cheng Lin, Che-Yin Tsai, Guo-quan Hong, Xiang-bin Liao, and Can-hong Zhong		2011.05
The study to biological sensing use surface plasmon resonance of optical fiber sensor	Proceedings of the 5rd Conference on Integrated Opto-Mechatronic Technology and Intellectual Property Rights 2011	2. Chieh-Wei Feng, Hsiang-Ning Chen, Jiun-Yu Fan, Xsin-Yi Lin, Wei-Shan Chang and Yu-Cheng Lin		2011.05
Simulation and Fabrication of Surface Plasmon Resonance Optical Fiber Sensor	Proceedings of the 5rd Conference on Integrated Opto-Mechatronic Technology and Intellectual Property Rights 2011	1. Hsiang-Ning Chen, Chieh-Wei Feng, Jiun-Yu Fan, Xsin-Yi Lin, Wei-Shan Chang and Yu-Cheng Lin		2011.05
Fabrication of Surface Plasmon Resonance Optical Fiber Sensor	Ming Chung University' s International Academic Conference,	Ren-Kun Liang, Yu-Chia Tsao, Woo-Hu Tsai, Yu-Cheng Lin and Chieh-Wei Feng		2010.03
Optical Characterization of 2 Segment Lensed Fiber Collima-tor	Ming Chung University' s International Academic Conference	Yu-Cheng Lin, Chia-Hao Chang, Chan-Shuo Li, U-De		2010.03

		Shiao and Chia-Chun Chen		
Real-time Monitoring System with Optical Fiber Respiratory Sensor	Ming Chung University's International Academic Conference	Yu-Cheng Lin, Jie-Ru Yu, Shih-Chuan Chan, Chia-En Tsai and Chieh-Wei Feng,		2010.03
Fabrication of Reflective Optical Fiber Respiratory Sensor	Proceedings of the 3rd Conference on Integrated Opto-Mechatronic Technology and Intellectual Property Rights 2009	Yu-Cheng Lin, Jie-Ru Yu, Shih-Chuan Chan, Chia-En Tsai, Chia-Hao Chang		2009.08
Investigation of Divergence Angle for 2 Segment Lensed Fiber Collimator	Proceedings of the 3rd Conference on Integrated Opto-Mechatronic Technology and Intellectual Property Rights 2009	Yu-Cheng Lin, Chia-Hao Chang, Chan-Shuo Li, U-De Shiao, Chia-Chun Chen		2009.08
雷射二極體對透鏡光纖的耦合效率研究	雷射二極體對透鏡光纖的耦合效率研究	林鈺城, 李昀諺, 錢泓嶧, 江旻駿, 何佳憲, 陳柏羽, 李聖太		2009.03
透鏡光纖準直器的發散角與插入損失研究	銘傳大學 2008 國際學術研討會	林鈺城, 李昀諺, 錢泓嶧, 江旻駿, 何佳憲, 陳柏羽, 李聖太		2009.03
Study of Sensitivity Enhancement in	International Conference on Optics and Photonics in	2. Ren-Kun Liang, Woo-Hu Tsai,		2008.12

Surface Plasmon Resonance Fiber Biosensors by use of Multi-Cascaded Structure	Taiwan, OPT2008, Taipei, Taiwan, Dec. 4-6, 2008.	Yu-Cheng Lin and Yu-Chia Tsao		
Study of Divergence Angle for Lensed Fiber Collimator	International Conference on Optics and Photonics in Taiwan, OPT2008, Taipei, Taiwan, Dec. 4-6, 2008.	1. Yu-Cheng Lin, Yun-Yan Lee, Hong-Yi Qian, Min-Jun Jiang, Jia-Xian Ho, Bo-Yi Chen, Sheng-Ti Lee		2008.12
Fabrication and measurement of graded-index lens fiber	Optics and Photonics Taiwan, OPT2007	Yu-Cheng Lin, Chia-Hao Chang, Chao-Hing Yu, Li-Min Li, Cheng-Chan Yu, and Cheng-Tsung Hou		2007.12
Alignment Tolerance Investigation of D Lens Collimator	OPT2006, Optics and Photonics Taiwan	Yu-Cheng Lin, Jian-Yang Weng, Jin-De Lin, and Shi-Fu Liao		2006.12
A Simplified Method for Measuring the MFD of Single Mode Fiber Using Beam Scanner	Electron Devices and Materials Symposia	Yu-Cheng Lin, San-Chien and Ringo Hwang		2005.11
Reliability Estimation of Optical Fiber Fused Coupler by	Electron Devices and Materials Symposia	Yu-Cheng Lin, Jeffery Lin, Kuen-Cheng Lin		2005.11

Damp Heat and Arrhenius Dependence Model				
A Novel Thermally Expanded Core Fiber for Laser Diode Coupling	Electron Devices and Materials Symposia	Yu-Cheng Lin and San-Chien Lin		2005.11
A Novel Design of 2x6 optical switch	2005 Symposium on Technology Fusion of Optoelectronics and Communications(STFOC'05)	Yen-Juei Lin, Jr-Hua Chen, Chih-Chieh Chang, and Yu-Cheng Lin		2005.05
Reliability Estimation of Optical Fiber Fused Coupler	Ming Chuan University' s International Academic Conference	Yu-Cheng Lin and Kuen-Cheng Lin		2005.03
Electronically tunable Fabry-Perot etalons with double liquid-crystal layers	OPT2003 Proceedings II	Wei-Ching Chuang, Kuen-Cheng Lin, *Jin-Shin Lin, Kun-Yi Lee and Wei-Yu Lee		2003.12
Integrated-Optics Multimode-Interference Dual-Wavelength Demultiplexer	OPT2003 Proceedings II	Kuen-Cheng Lin, *Jin-Shin Lin, Yen-Juei Lin, Chin-Yu Chang, Cheng-Chih Lai and Wei-Yu Lee		2003.11