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所有發表期刊論文

1. "MALDI-TOF MS" , **Yi-Ting Chen**、Y. C. Ling, *Instruments Today*, 19, 60-70, 1997.
2. Y. C. Ling, L. Lin and **Y. T. Chen**, "Quantitative Analysis of Antibiotics by Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometry", *Rapid Commun. Mass Spectrometry*. 12, 317-327, 1998 (SCI).
3. **Y. T. Chen** and Y. C. Ling, "An Overview of Supercritical Fluid Extraction in Chinese Herbal Medicine : from Preparation to Analysis", *Journal of Food and Drug Analysis*, Special Issue on Chinese Herbal Medicines, 8, 235-247, 2000 (SCI).
4. **Y. T. Chen** and Y. C. Ling, "Detection of Water-soluble Vitamins by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry using Porphyrin Matrices", *J. Mass. Sepctrom.* 37, 716-730, 2002 (SCI).
5. **Y. T Chen**, C. Y. Tsao, J. M Li, C. Y. Tsai, S. F. Chiu, T. L. Tseng*, " Large-scale Protein Identification of Human Urine Proteome by Multi-dimensional Liquid Chromatography and Tandem Mass Spectrometry ", *Proteomics Clin. Appl.* 1, 577-587, 2007 (SCI).
6. Hui-Chu Hsieh, **Yi-Ting Chen**, Jen-Ming Li, Ting-Yu Chou, Ming-Fong Chang, See-Chang Huang, Tzu-Ling Tseng, Chung-Cheng Liu, and Sung-Fang Chen*, "Protein Profilings in Mouse Liver Regeneration after Partial Hepatectomy using iTRAQ Technology".*J. Proteome Res.* 8, 1004-1043, 2009 (SCI).
7. **Yi-Ting Chen***, Chien-Lun Chen, Hsiao-Wei Chen, Ting Chung, Chih-Ching Wu, Chi-De Chen, Chia-Wei Hsu, Meng-Chieh Chen, Ke-Hung Tsui, Phei-Lang Chang, Yu-Sun Chang, Jau-Song Yu, " Discovery of Novel Bladder Cancer Biomarkers by Comparative Urine Proteomics Using iTRAQ Technology ", *J. Proteome Research.* 9, 5803-5815, 2010 (SCI).
8. Shih-Yuan Chen, **Yi-Ting Chen**, Jey-Jau Lee, Soofin Cheng*, Tuning Pore Diameter of Platelet SBA-15 Materials for Enzyme Adsorption, *J. Mater. Chem.* 21, 5693-5703. 2011 (SCI).

- 9.** **Yi-Ting Chen**, Hsiao-Wei Chen, Derek Smith, Kung-Hao Liang, Ting Chung, Chien-Lun Chen, Yu-Sun Chang, Christoph Borchers,* Jau-Song Yu.* Multiplexed quantification of 63 proteins in human urine by multiple reaction monitoring-based mass spectrometry for discovery of potential bladder cancer biomarkers. *J. Proteomics.* 75, 3529-3545, 2012 (SCI).
- 10.** **Yi-Ting Chen***, Fu-Shing Wang, Zhendong Li, Liang Li*, Yong-Chien Ling*. Development of a Matrix-assisted Laser Desorption Ionization Mass Spectrometric Method for Rapid Process-Monitoring of Phthalocyanine Compounds. *Analytica Chimica Acta.* 736, 69–77, 2012. (SCI)
- 11.** Chien-Lun Chen, Yue-Fan Lai, Kun-Yi Chien, Jau-Song Yu, Hsiao-Wei Chen, Petrus Tang, Chia-Wei Hsu, Chi-De Chen, Yu-Sun Chang, Phei-Lang Chang, **Yi-Ting Chen***, Comparative and Targeted Proteomic Analyses of Urinary Exosomes from Bladder Cancer and Hernia Patients. *J. Proteome Research.* 11, 5611–5629, 2012. (SCI)
- 12.** Yen-Heng Lin*, Ying-Ju Chen, Chao-Sung Lai*, **Yi-Ting Chen**, Chien-Lun Chen, Jau-Song Yu, and Yu-Sun Chang, A negative-pressure-driven microfluidic chip for the rapid detection of a bladder cancer biomarker in urine using bead-based enzyme-linked immunosorbent assay. *Biomicrofluidics* 7, 024103, 2013. (SCI)
- 13.** Chien-Lun Chen, Tsung-Shih, Lin, Cheng-Han, Tsai, Chih-Ching Wu, Ting Chung, Kun-Yi Chien, Maureen Wu, Yu-Sun Chang, Jau-Song Yu*, **Yi-Ting Chen***, Identification of Potential Bladder Cancer Markers in Urine by Abundant-Protein Depletion Coupled with Quantitative Proteomics. *J. Proteomics.* 85, 28-43, 2013. (SCI)
- 14.** Chi-De Chen, Chih-Liang Wang, Chia-Jung Yu, Kun-Yi Chien, **Yi-Ting Chen**, Min-Chi Chen, Yu-Sun Chang, Chin-Ching Wu*, Jau-Song Yu*. Targeted Proteomics Pipeline Reveals Potential Biomarkers for the Diagnosis of Metastatic Lung Cancer in Pleural Effusion. *J. Proteome Research.* 13(6):2818-29, 2014.
- 15.** Jun Peng, **Yi-Ting Chen**, Chien-Lun Chen and Liang Li, Development of a Universal Metabolome-Standard Method for Long-term LC-MS Metabolome Profiling and Its Application for Bladder Cancer Urine-Metabolite-Biomarker

Discovery. *Anal. Chem.* 86(13):6540-7, 2014.

- 16.** Chiun-Gung Juo*, Chien-Lun Chen, Shiang-Ting Lin, Shu-Hsuan Fu, **Yi-Ting Chen**, Yu-Sun Chang and Jau-Song Yu. Mass accuracy improvement of ESI-RPLC-MS based urinary metabolomic analysis by post-run calibration using sodium formate cluster ions. *Rapid Commun. Mass Spectrom.* 28, 1813-1820, 2014.
- 17.** Hsiao-Chien Chen, **Yi-Ting Chen**, Rung-Ywan Tsai, Min-Cheng Chen, Shi-Liang Chen, Min-Cong Xiao, Chien-Lun Chen, Mu-Yi Hua*. A sensitive and selective magnetic graphene composite-modified polycrystalline-silicon nanowire field-effect transistor for bladder cancer diagnosis. *Biosensors and Bioelectronics*. 66, 198–207, 2015 . (Co-first author)
- 18.** **Yi-Ting Chen**, Li-Ping Tuan, Hsiao-Wei Chen, I-An Wei, Min-Yuan Chou, Han-Min Chen, Yu-Chang Tyan, Sung-Fang Chen*. Quantitative analysis of prostate specific antigen isoforms using immunoprecipitation and isotope dilution mass spectrometry. *Anal. Chem.* 2015 Jan 6;87(1):545-53. (Co-first author)