中心通知

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湖南大学 国家自然科学基金委 中华人民共和国科技部 教育部科学技术司 湖南省科技厅

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2001年生物纳米技术与生物分子识别团队发表论文

- [1] Rong-Hua Yang, Ke-Min Wang, Dan Xiao, Kan Luo, Xiaohai Yang, "Flow Injection Renewable Drops Technique for assay of Micro-Amounts of DNA", Anal. Chim. Acta, 2001, 432, 135-141.
- [2] Hong-Mei Huang, Ke-Min Wang, Dan Xiao, Rong-Hua Yang, Xiao-Hai Yang, "Selective Optode for o-Mononitrophenol Based on Fluorescence Quenching of a Conjugated Polymer", *Anal. Chim. Acta*, 2001, 439, 55-63.
- [3] Rong-Hua Yang, Ke-Min Wang, Dan Xiao, Liu-De Zhang, Xiao-Hai Yang, "An Optode Membrane for CO_2 Based on Fluorescence Quenching of the Inclusion Complex of Cyclodextrin and Porphyrin", Chemical Journal of Chinese University(Chinese), 2001, 22,1, 38-42
- [4] Jing-Rong Zhong, Miao-Gen Liu, Bing-Yun Ao, Xiao-Hai Yang, Ke-Min Wang, Dan Xiao, "A Lithium Ion-Selective Optical Chemical Sensor Based on the Inner-Filter Effect of Fluorescence", *Chemical Journal of Chinese University* (Chinese), 2001, 22(2), 191.
- [5] Rong-Hua Yang, Ke-Min Wang, Dan Xiao, Xiao-Hai Yang, "Fluorometric Study of the Inclusion Interaction of β cyclodextrin derivatives with tetraphenylporphyrin and Its Analytical Application", *Spectrochimica Acta, Part A*, 2001, 57, 1595-1602.
- [6] Dan Xiao, Kemin Wang, Wenxiang Xiao, "Synchronous fluorescece and absorbance dynamic liquid drop sensor for Cr(VI) determination at the femtomole level", *Analyst*, 2001, 126, 1387-1392.
- [7] Swadeshmkul Santra, Kemin Wang, Roverlyn Tapec, Weihong Tan, "Development of Novel Dye Doped Silica Nanoparticles for Biomarker Application", Journal of Biomedical Optics, 2001, 6,2,160-166.
- [8] Jun Li, Weihong Tan, Kemin Wang, Dan Xiao, Xiaohai Yang, Xiaoxiao He, Zhiwen Tang, "Ultrasensitive Optical DNA Biosensor Based on Surface Immobilization of Molecular Beacon by a Bridge Structure", *Analytycal Science*, 2001, 1, 17, 1149-1153.
- [9] He Xiaoxiao, Wang Kemin, Tan Weihong, Xiao Dan, Li Jun, Yang Xiaohai, "A novel fluorescent label based on biological fluorescent nanoparticles and its application in cell recognition", *Chinese Science Bulletin* 2001, June, 23, 1962-1965.
- [10] Zheng Zhou, Kemin Wang, Xiaohai Yang, Shansheng Huang, Leiji Zhou, Dilan Qin and Li Du, "Synchronization of separation and determination based on multichannel mode-filtered light detection with capillary electrophoresis", *Analyst*, 2001, 126,1838-1840.
- [11] Wing Hong Chan , Rong Hua Yang, Ke Min Wang, "Development of a Mercury Ion-selective Optical Sensor Based on Fluorescence Quenching of 5, 10, 15, 20-tetraphenyl-
- porphyin", Analytica Chimica Acta, 2001, 444, 261-269.
- [12] Swadeshmukul Santra, Peng Zhang, Kemin Wang, Rovelyn Tapec, & Weihong Tang, "Conjugation of Biomolecules With Luminophored Silica Nanoparticles for Photostable Biomarkers", *Anal. Chem*, 2001, 73, 4988-4993.
- [13] Jun Li, Kemin Wang , Dan Xiao, Xiaohai Yang and Xiaoxiao He, "Protein Biosensor with a Reversible Response Based on Polyacrylamide Fluorescence Membrane" *Proceedings of International Ninth Beijing Cinference and Exhubition on Instrumetal Analysis C. Spectroscopy*, BCEIA 2001, 10, C183.

- [14] Leiji Zhou, Kemin Wang , Martin M. F. Choi, Du Li, Dan Xiao, "C18 Modified Distributed Fiber Optic for Capillary liquid Chromatographic Sensing by Mode-filtered light Detection", Proceedings of International Ninth Beijing Cinference and Exhubition on Instrumetal Analysis C. Spectroscopy, BCEIA 2001, 10, C185.
- [15] Jun Li, Weihong Tan, Kemin Wang, Xiaohai Yang, Zhiwen Tan and Xiaoxiao He, "Optical DNA Biosensor Based on Molecular Beacon Immobilized on Sol-Gel Membrane", Interational Conference on Sensor Technology, ISTC 2001, 10, 4414-05.
- [16] Zhou Zheng, Wang Kemin , Yang Xiaohai, Qin Dilan and Li Du, "Synchronization of Separation and Analysis Based on Multichannel Mode-Filtered Light Detection with CE", *International Conference on Sensor Technology* ISTC 2001.10, 4414-16.
- [17] Ronghua Yang, Kemin Wang ,Dan Xiao, Liping Long, Xiaohai Yang and Weihong Tan, "Bis-Porphyrin Based Selective Fluorescence Recognition for Histidine", Interational Conference on Sensor Technology ,ISTC 2001,10,4414-37.
- [18] Leiji Zhou, Kemin Wang, Dan Xiao, Xiaohai Yang and Rui Chen, "Refractometric Fiber-Optic Mode-Filterer Light Chemical Sensor for Acetic Acid", Interational Conference on Sensor Technology, ISTC 2001, 10, 4414-82.
- [19] Xiaoxiao He, Kemin Wang ,Weihong Tan, Dan Xiao, Xiaohai Yang and Jun Li, "Preparation and application of silica coated magnetic nanoparticles", Interational Conference on Sensor Technology, ISTC 2001, 10, 4414-95.
- [20] Ke Min Wang, Analytical biochemistry on the submicrometer and nanometer scale, Proceeding of 8th Academic Conference on Chemical Sensors of China, 2001, 6, 13.
- [21] Kemin Wang, qing Wang, Xiaohai Yang, Dan Xiao, Weihong Tan, ZeZhong Chen, "Formation of Au Nano-film by Chemical Reduction and Its Application", *Proceeding of 8th Academic Conference on Chemical Sensors of China*, 2001, 6, 31.
- [22] Zheng Zhou, Kemin Wang, Weihong Tan, Xiaohai Yang, Leiji Zhou, Dan Xiao, "Capillary electrophoresis with synchronization of separation and analysis", *Proceeding of 8th Academic Conference on Chemical Sensors of China*, 2001, 33.
- [23] Liping Long, Kemin Wang*, Ronghua Yan, Xiaohai Yang, Weihong Tan, "A Ferric ion selective optical chemical sensor based on fluorecence", Proceeding of 8th Academic Conference on Chemical Sensors of China, 2001, 6, 35.
- [24] Kemin Wang, Wenxiang Xiao, Dan Xiao, Xiaohai Yang, "A co-enzyme biosenor for determination of glucose based on renewable liquid droplet", *Proceeding of 8th Academic Conference on Chemical Sensor of China*, 2001, 6,37.
- [25] Leiji Zhou, Kemin Wang, Martin M.F.Choi,, Zheng Zhou, Du Li, Dan Xiao, Xiaohai Yang, Weihong Tan, "Studies of fiber optics/capillary liquid chromatographic sensor" *Proceeding of 8th Academic Conference on Chemical Sensor of China*, 2001, 6, 39.
- [26] Kemin Wang, Zezhong Chen, Xiaohai Yang, Dan xiao, Qing Wan, "An optical chemical sensor based on surface plasmon", *Proceeding of 8th Academic Conference on Chemical Sensor of China*, 2001, 6, 41
- [27] Xiaoxiao He, Kemin, Wang*, Weihong Tan, Xiaohai Yang, Dan Xiao, "Synthesis of silica magnetic nanoparticles and its application in separation of biomolecules", Proceeding of 8th Academic Conference on

Chemical Sensor of China, 2001, 6, 115.

[28] Xiaoxiao He, Kemin Wang, Jun Li, Weihong Tan, Dan Xiao, Xiaohai Yang, Zhiwen Tang, "A micro-optical fiber sensor for pH detetion in single cells", *Proceeding of 8th Academic Conference on Chemical Sensor of China*, 2001, 6, 117.

[29] Jun Li, Kemin Wang, Weihong Tan, Dan Xiao, Xiaoxiao He, Zhiwen Tang, Xiaohai Yang, "Ultrasensitive optical DNA biosensor based on surface immoblization of molecular beacon by a bridge structure", *Proceeding of 8th Academic Conference on Chemical Sensor of China*, 2001, 6, 119.

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