
PATENTS and PUBLICATIONS**B. PUBLICATIONS:****I. Book Chapters:**

8. Miao, W. & Lu, L. Efficient ECL Luminophores, in *Analytical Electrogenerated Chemiluminescence: From Fundamentals to Bioassays* (ed. Sojic, N.), 59-91, Chapter 3 (Royal Society of Chemistry, 2019).
7. Miao, W. & Ge, C. Electrogenerated Chemiluminescence (ECL), in *Encyclopedia of Supramolecular Chemistry* (eds. Atwood, J. L., Steed, J. W. & Wallace, K.), 1-12 (Taylor & Francis LLC., New York, 2010).
6. Miao, W., Ge, C., Parajuli, S., Shi, J. & Jing, X. Trace Detection of High Explosives with Nanomaterials, in *Trace Analysis with Nanomaterials* (eds. Pierce, D. & Zhao, J.), 161-189, Chapter 7 (Wiley-VCH Verlag, Weinheim, 2010).
5. Miao, W. & Wang, S. Electrogenerated Chemiluminescence: Principle, Instrumentation and Its Bio-related Applications, in *Handbook of Chemiluminescent Methods in Oxidative Stress Assessment* (eds. Popov, I. & Lewin, G.), 41-83, Chapter 4 (Transworld Research Network, Kerala, 2008).
4. Miao, W. Electrogenerated Chemiluminescence, in *of Electrochemistry* (ed. Zoski, C. G.), 541-590, Chapter 13 (Elsevier, HR Amsterdam, 2007).
3. Miao, W. & Choi, J.-P. Coreactants, in *Electrogenerated Chemiluminescence* (ed. Bard, A. J.), 213-272, Chapter 5 (Marcel Dekker, Inc., New York, 2004).
2. Miao, W. Analytical Processes in Sampling and Sample Preparation, in *Solutions and Skills in Analytical Chemistry Exercises* (ed. Guo, Y.), 330-338, Chapter 12 (Publishing House of Peking Normal University, Beijing, 1993).
1. Miao, W. Spectrophotometry, in *Solutions and Skills in Analytical Chemistry Exercises* (ed. Guo, Y.), 296-329, Chapter 11 (Publishing House of Peking Normal University, Beijing, 1993).