

ABSTRACT

1. **M. Kamruzzaman**, A.M. Alam, S.H.Lee, Y.H. Kim, G.M. Kim, T.D. Dang, “Fabrication of Microfluidic Chip-based Chemiluminescence Sensor by the Immobilization of Copper (II) on a MWCNT-Nafion Composite and Its Analytical Application”, (poster presentation). **The 14th International Meeting on Chemical Sensors, May 20, 2012, page 214, Nuremberg, Germany.**
2. **M. Kamruzzaman**, A.M. Alam, S.H.Lee, S.H. Oh, Y.H. Kim, A.N.M. Hamidul Kabir, “Silver Nanoparticles Enhanced Luminescence from the Europium (III)-Doxycycline Complex and Its Analytical Application”, (poster presentation). **The 45th Korean Society of Industrial and Engineering Chemistry (KSIEC) Meeting, May 9, 2012, page 16, Gwangju, Korea**
3. **M. Kamruzzaman**, A.M. Alam, S.H. Lee, T.D. Dang, “Fabrication of a Chemiluminescence Microfluidic System Sensor on a Chip with the Co(II) Immobilized CNT-Nafion Composite to Determine Amino Acids”, (poster presentation). **The 109th Annual Meeting of the Korean Chemical Society, April 24, 2012, page 627, Ilsan, Korea**
4. **M. Kamruzzaman**, T.G. Jang, S.H. Lee, Y.S. Suh, K.M. Kim, S.J. Park, Y.H. Kim, “A Selective Determination Method of Lead(IV) ion by Chemiluminescence with Oxidation of Ascorbic Acid”, (poster presentation). **The 44th KSIEC Meeting, November 2, 2011, Page 349, Gachon University, Seoul, Korea.**
5. **M. Kamruzzaman**, A.M. Alam, K.M. Kim, H.J. Jo, S.H. Lee, Y.H. Kim, S.H. Kim, “Solution-Based Silver Nanoparticles Sensitized Spectrofluorimetric Method for the Determination of Prulifloxacin using Europium(III) as Fluorescence Probe”, (poster presentation). **The 44th KSIEC Meeting, November 2, 2011, Page 15, Gachon University, Seoul, Korea.**
6. **M. Kamruzzaman**, A.M. Alam, S.H. Lee, Y.S. Suh, Y.H. Kim, S.H. Kim, S.H. Oh, “Enhanced Luminescence of Lanthanide Complexes by Silver Nanoparticles for Determination of Ciprofloxacin”, (poster presentation). **The 9th International Nanotech Symposium & Exhibition (NNANOKOREA 2011), October 24, 2011, Page 28, Ilsan, Korea.**
7. **M. Kamruzzaman**, A.M. Alam, S.Y. Kim, H.J. Jo, S.H. Lee, Y.H. Kim, S.H. Kim, “Spectrofluorimetric Determination of Levodopa Through Ternary Complex Formation With Europium(III) and Ethylenediaminetetraacetic Acid”, (poster presentation). **The 43rd KSIEC Meeting, May 11, 2011, page 316, Jeju, Korea.**
8. **M. Kamruzzaman**, A.M. Alam, S.Y. Kim, H.J. Jo, S.H. Lee, Y.H. Kim, S.H. Kim, “A Flow Injection Chemiluminescence Method for the Determination of Folic Acid Using the Reaction of Ce(IV) and Sodium Hyposulfite Catalyzed by Gold Nanoparticles”, (poster presentation). **The 43rd KSIEC Meeting, May 11, 2011, page 315, Jeju, Korea.**
9. **M. Kamruzzaman**, A.M. Alam, S.H. Lee, S.Y. Kim, H.J. Jo, Y.H. Kim, “Determination of Gatifloxacin by a Luminol Chemiluminescence with Silver Nanoparticles”, (poster presentation). **The 42nd KSIEC Meeting, October 27, 2010, page 179, Daejeon, Korea.**

10. **M. Kamruzzaman**, A.M. Alam, S.H. Lee, T. Ferdous, Y.H. Kim, “Determination of Dopamine by a Terbium-sensitized Spectrofluorimetric Method”, (poster presentation). **The 42nd KSIEC Meeting, October 27, 2010, page 178, Daejeon, Korea.**
11. **M. Kamruzzaman**, S.H. Lee, “Application of Flow Injection Cold Vapor Isotope Dilution Inductively Coupled Plasma Mass Spectrometry in Marine Sediment and Fly Ash for the determination of Mercury”, (poster presentation). **The 106th Annual Meeting of the Korean Chemical Society, October 14, page 71, Daegu Korea.**
12. **M. Kamruzzaman**, S.Y. Kim, H.J. Jo, Y.S. Suh, S.H. Lee, “Development of a Spectrofluorimetric Method for the Determination of Dopamine by its Enhancement Effect on the Fluorescence of Terbium (III) Sensitized by Silver Nanoparticle”, (poster presentation). **The 106th Annual Meeting of the Korean Chemical Society, October 14, page 67, Daegu Korea.**
13. **M. Kamruzzaman**, T. Ferdous, S.H. Lee, “Micelle-Sensitized Determination of Gatifloxacin in Pharmaceutical Preparations and Spiked Urine by Flow Injection Chemiluminescence Method using Ce(IV)-Na₂S₂O₃ System”, (poster presentation). **The 106th Annual Meeting of the Korean Chemical Society, October 14, page 61, Daegu Korea.**
14. **M. Kamruzzaman**, S.H. Lee, S.Y. Kim, H.J. Jo, Y.S. Suh, “A Silver Nanoparticles Sensitized Terbium System for the Spectrofluorimetric Determination of a Catecholamine”, (poster presentation). **The 2nd Daegu-Gyungbuk KCS Regional Meeting, August 18, 2010, page 23, Andong, Korea.**
15. **M. Kamruzzaman**, A.M. Alam, S.H. Lee, Y.H. Kim, S.Y. Kim, “Study on a Sensitive Chemiluminescence Method for the Determination of an Antibiotic in Pharmaceutical Preparations and Spiked Urine Coupled with Flow-Injection Analysis”, (poster presentation). **The 2nd Daegu-Gyungbuk KCS Regional Meeting, August 18, 2010, page 22, Andong, Korea.**
16. A.M. Alam, **M. Kamruzzaman**, T.D. Dang, S.H. Lee, Y.H. Kim, K.M. Kim, G.M. Kim, “Fabrication of Silver Nanoparticles Immobilized Microfluidic Chip for Chemiluminescence based Analytical Application”, (poster presentation). **The 14th International Meeting on Chemical Sensors, May 20, 2012, page 215, Nuremberg, Germany.**
17. A.M. Alam, **M. Kamruzzaman**, S.H. Lee, S.H. Oh, Y.H. Kim, M.A. Rahman, M.M. Khan, “Platinum Nanoparticles Sensitized Chemiluminescence of Ruthenium-Ce(IV) System for the Determination of Melamine by Flow Injection Analysis”, (poster presentation). **The 45th Korean Society of Industrial and Engineering Chemistry (KSIEC) Meeting, May 9, 2012, page 17, Gwangju, Korea.**
18. A.M. Alam, **M. Kamruzzaman**, S.H. Lee, “Spectrofluorometric Determination of Bovine Serum Albumin by Enhanced Fluorescence of Terbium nanoparticles”, (poster presentation). **The 109th Annual Meeting of the Korean Chemical Society, April 24, 2010 page 628, Ilsan, Korea.**
19. A.M. Alam, **M. Kamruzzaman**, S.H. Lee, Y.H. Kim, T.G. Jang, S.J. Hong, S.H. Oh, “Gold Nanoparticles Sensitized Chemiluminescence for the Determination of Perphenazine”, (poster

presentation). **The 44th KSIEC Meeting, November 2, 2011, Page 16, Gachon University, Seoul, Korea.**

20. A.M. Alam, **M. Kamruzzaman**, S.H. Lee, Y.H. Kim, S.Y. Kim, Y.S. Suh, S.H. Kim, “Silver Nanoparticle Enhanced Luminescence of Terbium Complex in Solution for L-Dopa Determination”, (poster presentation). **The 9th International Nanotech Symposium & Exhibition (NNANOKOREA 2011), October 24, 2011, Page 26, Ilsan, Korea.**

21. A.M. Alam, **M. Kamruzzaman**, S.Y. Kim, H.J. Jo, S.H. Lee, Y.H. Kim, J.K. Suh, “Study of Surfactant Sensitized Fluorescence of Europium-Salicylic Acid Complex for the Determination of Salicylic Acid”, (poster presentation). **The 43rd KSIEC Meeting, May 11, 2011, page 317, Jeju, Korea.**

22. A.M. Alam, **M. Kamruzzaman**, S.Y. Kim, H.J. Jo, S.H. Lee, Y.H. Kim, J.H. Choi, “Silver nanoparticles Enhanced Chemiluminescence of Luminol-KIO₄ System for the Determination of Mandelic Acid”, (poster presentation). **The 43rd KSIEC Meeting, May 11, 2011, page 42, Jeju, Korea.**

23. G.B. Kolekar, A.M. Alam, **M. Kamruzzaman**, S.H. Lee, Y.H. Kim, S.Y. Kim, “Nanoparticles Enhanced Luminescence Properties of Terbium-L-3, 4-dihydroxy-phenylalanine Complex in solution and its Pharmaceutical Application” (poster presentation). **The 2nd International Conference on New and Renewable Energy, April 8, 2011, page 54, Daegu, Korea.**

24. S.M. Alam, **M. Kamruzzaman**, A.M. Alam, S.H. Lee, Y.S. Suh, Y.H. Kim, S.H. Kim, “Photoluminescence Intensification of Lanthanide Complexes by Metal Nanoparticles and Its Applications”, (poster presentation). **The 2nd International Conference on New and Renewable Energy, April 8, 2011, Page 49, Daegu, Korea.**

25. T. Ferdous, **M. Kamruzzaman**, A.M. Alam, S.H. Lee, Y.H. Kim, Y.K Paik, H.J. Jo, “An Enhanced Luminol-H₂O₂-Cu²⁺ Chemiluminescence System Coupled with Flow Injection Analysis for Determination of L-Phenylalanine in a Pharmaceutical Sample”, (poster presentation). **The 2nd International Conference on New and Renewable Energy, April 8, 2011, Page 34, Daegu, Korea.**

26. A.M. Alam, **M. Kamruzzaman**, T. Ferdous, Y.H. Kim, S.H. Lee, “Gold Nanoparticles Sensitized Chemiluminescence Study of Carbamazepine in Pharmaceutical Formulation Using Luminol-KIO₄ System Combined with Flow Injection Analysis”, (poster presentation). **The 42nd KSIEC Meeting, October 27, 2010, page 177, Daejeon, Korea.**

27. A.M. Alam, **M. Kamruzzaman**, Y.H. Kim, S.Y. Kim, H.J. Jo, S.H. Lee, “A Fluorescence Method with Terbium (III)-Sodium Dodecyl Benzene Sulfonate for determination of Norepinephrine”, (poster presentation). **The 42nd KSIEC Meeting, October 27, 2010, page 176, Daejeon, Korea.**

28. Y.H. Kim, S.Y. Kim, H.J. Jo, **M. Kamruzzaman**, A.M. Alam, Y.S. Suh, S.H. Lee, “Silver Nanoparticle Enhanced Chemiluminescent Luminol System for determination of L-Alanine”,

(poster presentation). **The 7th Korea-Japan Symposium on Frontier Photoscience, October 23, 2010, page 45, Daegu Korea.**

29. H.J. Jo, **M. Kamruzzaman**, S.H. Lee, H.Y. Chung, Y.H. Kim, “Determination of Copper Ion (II) Using Luminol–H₂O₂–Phosphate Buffer System”, (poster presentation). **The 2nd Daegu-Gyungbuk KCS Regional Meeting, August 18, 2010, page 16, Andong, Korea.**