

List of Publications

(Dr. Imran Ali)

Books:

1. **Imran Ali** and Hassan Y. Aboul-Enein (Edts.), *Advances in Chromatography for Petroleum Industry*, E. Book, **Bentham Science Publishers, USA (2010), Under Preparation.**
2. **Imran Ali**, Hassan Y. Aboul-Enein and V.K. Gupta, *Nano Chromatography and Capillary Electrophoresis: Pharmaceutical and Environmental Analyses*, **Wiley & Sons, Hoboken, USA (2009), ISBN: 978-0-470-17851-5.**
3. **Imran Ali** and Hassan Y. Aboul-Enein, *Instrumental methods in metal ions speciation: Chromatography, Capillary Electrophoresis and Electrochemistry*, **Taylor & Francis Ltd., New York, USA (2006), ISBN: 0-8493-3736-4.**
4. **Imran Ali** and Hassan Y. Aboul-Enein, *Chiral pollutants: Distribution, toxicity and analysis by chromatography and capillary electrophoresis*, **John Wiley & Sons, Chichester, UK, (2004), ISBN: 0-470-86780-9.**
5. Hassan Y. Aboul-Enein and **Imran Ali**, *Chiral separations by liquid chromatography and related technologies*, **Marcel Dekker, Inc., New York, USA (2003), ISBN: 0-8247-4014-9.**

Chapters in Books and Encyclopaedia:

6. **Imran Ali**, Hassan Y. Aboul-Enein and Tabrez A. Khan, *Pollutants: Chiral CE Analysis*, **Encyclopaedia of Chromatography (edited by J. Cazes), 3rd Edn., Vol. I, 1834-1841, Taylor & Francis, New York, USA (2010).**
7. **Imran Ali**, Hassan Y. Aboul-Enein and K. Kümmerer, *Analyses of drugs and pharmaceuticals in the environment*, In *Biophysico-Chemical Processes of Anthropogenic Organic Compounds in Environmental Systems*, B. Xing, N. Senesi and P.M. Huang (Editors), **IUPAC Sponsored Book Series. Vol. 3, Wiley, USA (2010).**
8. V.K. Gupta, **Imran Ali** and Hassan Y. Aboul-Enein, *Metal ions speciation in the environment: Distribution, toxicities and analyses*, In *Developments in Environmental Science*, Vol.5, D. Sarkar, R. Datta and R. Hannigan (Editors), **Geological Society of America, pp. 33-57 (2007).**
9. **Imran Ali** and V. K. Gupta, *Adsorbents for Water Treatment: Development of Low-Cost Alternatives to Carbon*. *Encyclopedia of Surface and Colloid Science*, 2nd Edition, **Taylor & Francis, New York, pp. 149 – 184 (2006).**

10. **Imran Ali** and Hassan Y. Aboul-Enein, Role of polysaccharides in chiral separations by liquid chromatography and capillary electrophoresis, In **Chiral separation techniques: A practical approach** (Edited by G. Subramanian), 3rd Edtn., **Wiley-VCH Verlag, Weinheim, Germany (2006)**.
11. **Imran Ali** and C.K. Jain, Wastewater treatment and recycling technologies, In **Water Encyclopedia: Domestic, Municipal, and Industrial Water Supply and Waste Disposal**, (edited by J. Lehr), **John Wiley & Sons, New York, USA (2005)**.
12. Hassan Y. Aboul-Enein and **Imran Ali**, Capillary electrophoresis, in **Ewing's Analytical instrumentation hand book** (Edited by J. Cazes), 3rd Edn., **Marcel Dekker, Inc., New York, pp. 803-826 (2005)**.
13. **Imran Ali**, V.K. Gupta and Hassan Y. Aboul-Enein, Advances in chiral pollutants analysis by capillary electrophoresis, **Encyclopaedia of chromatography (edited by J. Cazes), Marcel Dekker Inc., New York, USA, pp. 92-100 (2004)**.
14. Hassan Y. Aboul Enein and **Imran Ali**, Chiral separation by HPLC using polysaccharide CSPs, in **Chiral separations – Methods and protocol**, (edited by G. Gubitz and M.G. Schmidt), **Humana Press, USA, pp. 183-196 (2004)**.
15. V.K. Gupta and **Imran Ali**, Adsorbents for water treatment: Low cost alternatives to carbon, **Encyclopaedia of surface and colloid science, (edited by Ponisseril Somasundaran), Marcel Dekker, New York, USA, pp. 1-34 (2003)**.
16. **Imran Ali** and Hassan Y. Aboul-Enein, Environmental pollutants analysis by capillary electrophoresis, **Encyclopaedia of chromatography (edited by J. Cazes), Marcel Dekker Inc., New York, USA, pp. 92-100 (2003)**.
17. Hassan Y. Aboul-Enein and **Imran Ali**, Enoxacin: Analysis by capillary electrophoresis and related technologies, **Encyclopaedia of chromatography (edited by J. Cazes), Marcel Dekker Inc., New York, USA, pp. 86-91 (2004)**.
18. V.K. Gupta and **Imran Ali**, Adsorbents for water treatment: Low cost alternatives to carbon, **Encyclopaedia of surface and colloid science, (edited by Arthur Hubbard), Marcel Dekker, New York, USA, Vol. 1, pp. 136-166 (2002)**.

Research Papers:

19. **Imran Ali**, Vinay D. Gaitonde and A. Grahn, Halo Columns: New Generation Technology for High Speed Liquid Chromatography, **J. Chromatogr. Sci., In Press (2010)**.
20. **Imran Ali**, Kishwar Saleem and Hassan Y. Aboul-Enein, Chiral Analyses at Nano-Scale, Comb. Chem. & High Through.Screen., **In Press (2010)**.
21. **Imran Ali**, Tabrez A. Khan and Afzal Hussain, Land use patterns and organic pollution in the rivers, **Int. J. Environ. & Waste Manage., In Press (2010)**.
22. Bazylak G., **Imran Ali**, H.Y. Aboul-Enein, Enantioseparation of β -blockers and β -agonists by narrow-bore HPLC using teicoplanin as chiral stationary phase in polar organic mode, **J. Sep. Sci. In Press (2010)**.
23. **Imran Ali**, Hassan Y. Aboul-Enein, Prashant Singh, Rakesh Singh, Bhavtosh Sharma, Separation of biological proteins by liquid chromatography, **Saudi Pharm. J., 18: 59-73 (2010)**.
24. **Imran Ali**, Hassan Y. Aboul-Enein, J. Cazes, A journey from mikhael tswett to nano-liquid chromatography, **J. Liq. Chromatogr. & Rel. Technol, 33: 645-653 (2010)**.
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26. **Imran Ali**, K. Saleem, Vinay D. Gaitonde, Hassan Y. Aboul-Enein and Iqbal Hussain, Chiral separations of some β -adrenergic agonists and antagonists on amycoat column by HPLC, **Chirality, 22: 24-28 (2010)**.
27. **Imran Ali**, Hassan Y. Aboul-Enein, Prashant Singh, Rakesh Singh and Bhavtosh Sharma, Liquid Chromatography of Biological Proteins, **Science Park, 3: 41-46 (2009)**.
28. **Imran Ali**, Nano-Hyphenation Technologies, **Lab. Plus Intl., April/May Issue, 14-16 (2009)**.
29. **Imran Ali** and Hassan Y. Aboul-Enein, Role of Nano Liquid Chromatography in Pharmaceutical Analyses, **Current Pharm. Anal., 5: 5, 367-380 (2009)**.
30. **Imran Ali**, Prashant Singh, Hassan Y. Aboul-Enein, Bhavtosh Sharma, Chiral Analysis of Ibuprofen Residues in Water and Sediment, **Anal. Lett., 42: 1747-1760 (2009)**.

31. **Imran Ali**, Vinay D. Gaitonde and Hassan Y. Aboul-Enein, Monolithic silica stationary phases in liquid chromatography, **J. Chromatogr. Sci.**, **47**: 432-442 (2009).
32. **Imran Ali**, Hassan Y. Aboul-Enein, V. K. Gupta, Prashant Singh and Uma Negi, Analyses of Chloramphenicol in Biological Samples by HPLC, **Anal. Lett.**, **42**: 1368-1381 (2009).
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35. **Imran Ali**, Hassan Y. Aboul-Enein and V.K. Gupta, Micro chip based nano chromatographies and nano capillary electrophoresis: A need of the present century in genomics and proteomics areas, **Chromatographia**, **69**: S13-S22 (2009).
36. T.A. Kkhan, V. Singh and **Imran Ali**, Sorption of Cd(II), Pb(II) and Cr(VI) from Wastewater using Bottom Fly Ash as Low Cost Sorbent, **J. Environ. Protect. Sci.**, **3**: 124-132 (2009).
37. **Imran Ali**, Hassan Y. Aboul-Enein, Vinay D. Gaitonde, Prashant Singh, M.S.M. Rawat, Bhavtosh Sharma, Chiral Separations of Imidazole Antifungal Drugs on AmyCoat RP Column in HPLC, **Chromatographia**, **70**: 223-227 (2009).
38. Tabrez A. Khan, **Imran Ali**, Ved Vati Singh and Sangeeta Sharma, Utilization of fly ash as low-cost adsorbent for the removal of methylene blue, malachite green and rhodamine B dyes from textile wastewater, **J. Environ. Protect. Sci.**, **3**: 11-22 (2009).
39. **Imran Ali**, Vinay D. Gaitonde, Hassan Y. Aboul-Enein and Afzal Hussain, Chiral separation of β -adrenergic blockers on cellucoat column by HPLC, **Talanta**, **78**: 458-463 (2009).
40. **Imran Ali** and Hassan Y. Aboul-Enein, Chiral resolution of racemic environmental pollutants by Capillary Electrophoresis, **Crit. Rev. Anal. Chem.**, **38**: 132-146 (2008).
41. **Imran Ali**, V.K. Gupta, Hassan, Y. Aboul-Enein and Afzal Hussain, Hyphenation in sample preparation: Advancement from micro to nano world, **J. Seprn. Sci.**, **31**, 2040-2053 (2008).

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51. **Imran Ali**, V.K. Gupta, Hassan Y. Aboul-Enein, Prashant Singh and Bhavtosh Sharma, Role of racemization in optically active drug development, **Chirality**, **19: 453-463 (2007)**.
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