

DAFTAR PUSTAKA

- Amin, M., L.W. Lim., and T Takeuchi. 2006. Serial Separation of Cation and Anions by Ion Chromatography using the Peak Parking Technique and Sulfosalicylic Acid as the Eluent. *Anal Bioanal Chem* 384: 839 – 843
- Bhattacharyya, L. and J.S. Rohrer. 2012. Application of Ion Chromatography for Pharmaceutical and Biological Products, First Edition. John Wiley & Sons, Inc.
- Bruchet, A., V. Dugas., C. Mariet., F. Goutelard., and J. Randon. 2011. Improved Chromatographic Performances of Glycidyl Methacrylate Anion-exchange Monolith for Fast Nani-ion Exchange Chromatography. *J. Sep. Sci* 34: 2079 – 2087
- Budianto, E., dan A. Sarwono. 2008. Pengaruh Variasi Inisiator dan teknik Polimerisasi terhadap Ukuran partikel pada Kopolimerisasi Emulsi Stirena-butil Akrilat-metil Metakrilat. *Makasa Sains* 12 (2): 61 – 68
- Chen, M.L., L.M. Li., B.F. Yuan., and Y.Q. Feng. 2012. Preparation and Characterization of Methacrylate-based Monolith for Capillary Hydrophilic Interaction Chromatography. *Journal Chromatography A*. 1230: 54 – 60
- de Morais, P.L.D., L.C.O. Lima., J.D. Alves., R.E. Alves., and H.A.C. Filgueiras. 2010. Sapodilla (*Manilkara zapota*) Maturation and Conservation of Submitted to Postharvwt Treatment with 1-Methylcyclopropene. *Proc. IIIrd IS on Trop. and Subtrop. Fruits*: 453 – 460
- Ghanem, A. and T. Ikegami. 2011. Review of Recent Advances in Silica-based Monolith: Preparation, Characterizations and Applications. *J. Sep. Sci* 31: 1945 – 1957
- Hamza, S., S. Naseem., E. Bashir., G.H. Rizwani., and B. Hina. 2013. Trace Element Geochemistry of *Manilkara zapota* (L.) *P. Royen*, Fruit from Winder, Balochistan, Pakistan in Perspective of Medical Geology. *Pak. J. Pharm. Sci* 26(4): 805 – 811
- Hilma., A. Rahmah., F. Mairizki., R. Putri., R. Zein., E. Munaf., T. Takeuchi and L.W. Lim. 2014. Preparation and Characterization of Long Alkyl Chain Methacrylate-based Monolithic Column for Capillary Chromatography in Separation of Alkylbenzene Compound. *Asian Journal of Chemistry* 26 (12): 0000 – 0000

- Hu, W., T. Takeuchi., and H. Haraguchi. 1992. Ion Chromatography of Inorganic Cations using Microcolumns Coated with Micellar Bile Salt. *Analytical Chimica Acta* 267: 141 – 146
- Ishii, D., and T. Takeuchi. 2016. *Micro High-Performance Liquid Chromatography*. Japan: Purdue University Librarie. pp: 87 - 112
- Joachim Weiss. 2016. *Handbook of Ion Chromatography*. Fourth Edition. Germany: Wiley-VCH. 1545 p
- Karim, Z., M. Mumtaz., A. Siddique., and A. Karim. 2008. Simultaneous Determination of Commom Inorganik Anions in Water Samples by Ion Chromatography. *Journal of Basic and Applied Sciences* 4(2): 63 – 66
- Kilicgedik, E. 2012. How to Device Wich is The Right Technique for Your Application. Agilent Technologies
- Kuban, P., and P.K. Dasgupta. 2004. Capillary Ion Chromatography. *Journal Separation Science* 27: 1441 - 1457
- Li, J., and Y. Zhu. 2014. Prepared Polymethacrylate-based Monoliths for the Separation of Cation by Non-Suppressed Capillary ion Chromatography. *Journal of Chromatographic Science* 52: 442 – 446
- Lim, L.W., H. Uzu., and T. Takeuchi. 2004. Separation of Benzene and Deuterated Benzenes by Reversed-phase and Recycle Liquid Chromatography using Monolith Columns. *Journal Separation Sciences* 27: 1339 - 1344
- Liu, J., C.F. Chen., C.W. Tsao., C.C. Chang., C.C. Chu., and D.L. Devoe. 2009. Polymer Microchips Integrating Solid-Phase Extraction and High-Performance Liquid Chromatography using Reversed-phase Polymethacrylate Monolith. *Analytical Chemistry* 81: 2545-2554
- Mairizki F., A. Rahmah., Hilma., R. Putri., R. Zein., L.W. Lim., T. Takeuchi and E. Munaf. 2013. Separation of Inorganik Anions Using Methacrylate-based Monolith Column Modified with Trimethylamine in Ion Chromatography Capillary System. *American Journal of Analytical Chemistry* 4: 451 – 456
- Michalski, R. 2017. *Ion Chromatography Applications in Wastewater Analysis*. Separation 5, 16.

- Nordborg A., E.F. Hilder., and P.R. Haddad. 2011. Monolithic Phases for Ion Chromatography. *Annual review Analytical Chemistry* 4: 197 – 226
- Orwa, C., A. Mutual., Kindt R., Jamnadass R., and S. Anthony. 2009. *Agroforestry Database: A Tree Reference and Selection Guide* versi 4
- Pan, C., H. Zang., S. Chen., Y. Xu., and S. Jiang. 2006. Determination of Chloramphenicol Residues in Honey by Monolithic Column Liquid Chromatography-Mass Spectrometry after Use of Quechers Clean-Up. *Acta Chromatographica* 17: 320 – 327
- Putri, R., A. Rahmah., F. Mairizki., Hilma., E. Munaf., R. Zein., L.W. Lim., and T. Takeuchi. 2014. Separation of Inorganik Anions Using Methacrylate-based Organik Polymer Column in Capillary Ion Chromatography System Modified with Triethylamine. *International Journal of Chemistry* 2(4): 447 – 452
- Rahmah, A., E. Munaf., R. Zein., T. Takeuchi., L.W. Lim., F. Mairizki., Hilma and R. Putri. 2013. Separation of inorganik Anion using Methacrylate-based Monolithic Column Modified by Diethylamine in Capillary Ion Chromatography. *International Journal of Current Microbiology and Applied Science* 2(12): 29 – 39
- Robinson, J.W., E.M.S. Frame., and G.M. Frame II. 2005. *Undergraduate Instrument Analysis*. Sixth Edition. Marcel Dekker: New York.
- Rouessac, F. and A. Rouessac. 2007. *Chemical Analysis, Modern Instrumentation Methods and Techniques*, 2nd Ed. University of Le Mans: Jhon Wiley & Sons, Ltd
- Ryadin, A.R., S.L. Ranamukarachchi., P. Soni., and R.P. Shrestha. 2014. Vegetative Propagation of Five Local Cultivars of Malay Apple (*Syzygium malaccense spp*) in Ternate Island. *International Journal on Advanced Science Engineering Information Technology* 4(2): 35 – 39
- Safni, T. Takeuchi., N. Ito and T. Miwa. 2000. Separation of Enantiomers on Anion Exchangers Modified with Heparin in Liquid Chromatography. *Journal of Chromatography A* 864 (1): 25 – 30
- Sedyohutomo, A., H. Suzuki., and C. Fujimoto. 2012. Determination of Inorganik Anions by Capillary Ion-exchange Chromatography using Polyethylenimine-coated Octadecyl-bonded Phases. *Analytical Sciences* 1-28: 625 – 629

- Sugrue, E., P.N. Nesterenko., and B. Paull. 2005. Fast Ion Chromatography of Inorganik Anions and Cations on a Lysine Bonded Porous Silica Monolith. *Journal of Chromatography* 1075: 167 – 175
- Takeuchi, T., Safni., and T Miwa. 2000. Ion Chromatography using Anion Exchanger Modified with Anionic Polysaccharides. *Lc Gc North America* 18 (4): 418 – 428
- Takeuchi, T., K. Tokunaga., and L.W. Lim. 2013. Separation of Inorganixes Anions on Chemically Bonded 18-Crown-6 Ether Stationary Phase in Capillary Ion Chromatography. *Analytical Science* 29: 423 - 427
- Urban, J. and P. Jandera, 2008, Polymethacrylate Monolithic Columns for Capillarity Liquid Chromatography. *Journal of Separation Science* 31(14): 2521 – 2540
- Wang, N., S. He., and Y. Zhu. 2012. Low-level Bromate Analysis by Ion Chromatography on a Polymethacrylate-based Monolithic Column Followed by a Post-column Reaction. *Eur. Food Res Technol* 235: 685 – 692
- Weiss, Joachim. 2016. *Handbook of Ion Chromatography*, 4th Edition. Germany: Wiley-VCH
- Wu, M., R. Wu., R. Li., H. Qin., J. Dong., Z. Zhang., and H. Zou. 2010. Polyhedral Oligomeric Silsesquioxane as a Cross-Linker for Preparation of Inorganik-Organik Hybrid Monolithic Columns. *Analytical Chemistry* 82(13): 5447 – 5454
- Zakaria, P., J.P. Hutchinson, N. Avdalovic, Y. Liu., and P.R Haddad. 2005. *Analytical Chemistry* 77: 417 – 423
- Zhang, Z., D. Li., X. Liu., Q. Subhani., Y. Zhu., Q. Kang., and D. Shen. 2012. Determination of Anions using Monolith Capillary Column Ion Chromatography with End-to-End Differential Contractless Conductometri Detector under Resonance Approach. *The Royal Society of Chemistry: Analyst* 137: 2876 – 2883
- Zein, R., E. Munaf., T. Takeuchi., and T. Miwa. 1996. Microcolumn Ion Chromatography of Inorganik UV-absorbing Anions using Bovine Serum Albumin as Stationary Phases. *Analytical Chimica Acta* 335: 261 – 266