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 Nationality : Malaysian (ID: 800602-01-5513)
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CURRENT POSITION

- Deputy Director, Centre for Sustainable Nanomaterials, Ibnu Sina Institute for Scientific and Industrial Research, University of Technology Malaysia.
- Managing Director and Founder of "Basboh Analytical PLT", a UTM spin-off Contract Research Organisation that provides full support to chemical and pharmaceutical industries.

ACADEMIC QUALIFICATION

- Postdoctoral Research Fellowship, University of Basel, Switzerland (2010-2013)
- Ph.D. (Analytical Chemistry), Universiti Teknologi Malaysia (2010)
(Chancellor award recipient - Ranked 1 out of 75 graduated PhD candidates across all disciplines)
- M.Sc. (Analytical Chemistry), Universiti Teknologi Malaysia. (2005)
(National Science Fellowship recipient, MOSTI, Malaysia)
- B.Sc. (Hons) (Industrial Chemistry), Universiti Teknologi Malaysia (2003)
(Recipient of Faculty's Dean List for all eight semesters)

PROFESSIONAL EXPERIENCE

Date	Positions/Employer
2010 – 2013	Senior Lecturer, UTM (Contract)
2010 – 2013	Postdoctoral Research Fellow, University of Basel, Switzerland
2014 – 2015	Honorary Lecturer, University of Tasmania, Australia
2014 – 2018	Senior Lecturer, UTM (Permanent)
Mar 2017	Visiting Lecturer, University of Basel, Switzerland
Sept 2017 – Feb 2018	CEO@Faculty 2.0 Fellow, Mentoring by CEO of Chemical Company of Malaysia (CCM).
Sept 2018 – Present	Associate Professor, UTM (Permanent)
Jan 2019 – Present	Deputy Director, Centre for Sustainable Nanomaterials (CSnano), UTM.

PROFESSIONAL MEMBERSHIP AND RECOGNITION

- American Chemical Association, ACS (Member - 2011 - present).
- Committee Member of Malaysian Institute of Chemistry, MIC (Associate - 2011 - present).
- Royal Australian Chemical Institute Chartered Member (MRACI CChem) (2014 – Present).
- Malaysian Analytical Science Society, ANALIS (Member – 2017 – Present).
- Swiss Chemical Society, SCS (Member - 2012 – 2014).

AWARDS AND HONORS RECEIVED (TOP 5)

- Powerlist 2018 Top 40 under 40 by The Analytical Scientist magazine, United Kingdom (Only candidate selected within Southeast Asia and among three selected from entire Asia Region)
- Early stage career excellent researcher award within commonwealth countries– Commonwealth Science Conference 2017 awarded by Royal Society, UK (2017).
- Rising star TopNotch-UTMShine award 2016 – Top 20 early stage researchers in University of Technology Malaysia across all disciplines (2016).
- Swiss National Science Foundation Advanced Mobility Fellowship 2014 – 2015 (The only recipient major in chemistry among 65 successful recipients across all disciplines) (2014-2015)
- Recipient of Chancellor's Award and Best Student Award in University of Technology Malaysia (UTM) 44th UTM Convocation 2010 (Ranked 1 out of 75 graduated PhD candidates across all disciplines).

RESEARCH OUTPUT

- Total Research Publication: 41 (International peer-review journal); Original Book: 2
- H-Index (WOS): 21
- Citation (WOS): 1322
- Total Project as Principle Investigator: 27

LIST OF PUBLICATIONS

Publications in International Refereed Journals:

(* Corresponding author)

1. Ee Ling Yong, Khairunnisa Abdul Halim, Vivien Yu Fen Liong, Michelle Lee Kiau Tee, Zhi Yuan Yong, Hong Heng See, Achmad Syafiuddin, Improving the water quality of iron-containing ponds using fermented kitchen wastes. *Environmental Quality Management*; accepted 17 Nov 2021 (IF:0.96)(Q3).
2. Annestasia Simbut John, Mohammad Mizwaruddin Sidek, Lee Yien Thang, Sabita Sami, Hui Yin Tey, Hong Heng See*, Online sample preconcentration techniques in nonaqueous capillary and microchip electrophoresis. *Journal of Chromatography A* 2021; 1638:461868 (IF: 4.091)(Q1) (Corresponding author)
3. Hui Yin Tey and Hong Heng See. A review of recent advances in microsampling techniques of biological fluids for therapeutic drug monitoring. *Journal of Chromatography A* 2021;1635:461731(IF: 4.091)(Q1) (Corresponding author)
4. Ganesan T, HN Lim, Hong Heng See. Automated mixed matrix membrane microextraction prior to liquid chromatography for the determination of chlorophenoxy acid herbicides in sewage water samples. *Chromatographia* 2020;83(4):497-505. (IF: 1.411) (Q3) (Corresponding author)
5. Ganesan T, Mukhtar NH, HN Lim, Hong Heng See. Mixed matrix membrane tip extraction coupled with UPLC–MS/MS for the monitoring of nonsteroidal anti-inflammatory drugs in water samples. *Separations* 2020;7(1). (IF:2.777) (Q2) (Corresponding author)
6. Pavisara Nanthasurasak, Hong Heng See, Min Zhang, Rosanne M Guijt, Michael Breadmore*, In-Transit electroextraction of small molecule pharmaceuticals from blood, *Angewandte Chemie International Edition*, 58(12), 3790-3794. (2019) (IF: 12.102) (Q1)
7. Hong Heng See* and Nurul Adibah Ali, Electrophoresis: Principle of Capillary Electrophoresis, *Encyclopedia of Analytical Sciences*, 3rd Edition, 328-333 (2019). (Corresponding author)
8. Chee Tung Tai and Hong Heng See*, Rapid Quantification of Quinine by Multi-Stacking in a Portable Microchip Electrophoresis System”, *Electrophoresis*, 40, 455-461 (2019) (Corresponding author) (Q2)
9. Michael C Breadmore*, Ria Marni Tubaon, Aliaa I Shallan, Sui Ching Phung, Aemi S. Abdul Keyon, Daniel Gstoettenmayr, Pornpan Prapatpong, Ala A. Alhusban, Leila Ranjbar, Hong Heng See, Mohamed Dawod, Joselito P Quirino: Recent advances in enhancing the sensitivity of electrophoresis and electrochromatography in capillaries and microchips (2016 – 2018). *Electrophoresis*, 40, 17-39 (2019) (Q2)
10. Nurul Hazirah Mukhtar, Nor Akma Mamat, Hong Heng See*, “Monitoring of tobramycin in human plasma via mixed matrix membrane extraction prior to capillary electrophoresis with contactless conductivity detection”, *Journal of Pharmaceutical and Biomedical Analysis*, 158, 184-188 (2018) (IF: 3.261) (Corresponding author) (Q1)
11. Hong Heng See*, Nor Akma Mamat and Peter C Hauser, “Flow Injection Analysis with Direct UV Detection Following Electric Field Driven Membrane Extraction”, *Molecules*, 23(5) (2018) (IF: 3.098). (Corresponding author) (Q2)
12. Pavisara Nanthasurasak, Joan Marc Cabot, Hong Heng See, Rosanne M Guijt, Michael C Breadmore*, “Electrophoretic separations on paper: Past, present, and future-A review”, *Analytica Chimica Acta*, 985, 7-23 (2018) (IF: 4.950) (Q1)
13. Nor Akma Mamat and Hong Heng See*, “Simultaneous electromembrane extraction of cationic and anionic herbicides across hollow polymer inclusion membranes with a bubbleless electrode”, *Journal of Chromatography A*, 1504, 9-16 (2017) (IF: 3.926). (Corresponding author) (Q1)
14. Kah Chun Chong, Lee Yien Thang, Joselito P. Quirino*, Hong Heng See*, “Monitoring of vancomycin in human plasma via portable microchip electrophoresis with contactless conductivity detector and multi-stacking strategy”, *Journal of Chromatography A*, 1485, 142-146 (2017) (IF:3.926). (Corresponding author) (Q1)
15. Mei Qi Chui, Lee Yien Thang, Hong Heng See*, “Integration of the free liquid membrane into electrokinetic supercharging – capillary electrophoresis for the determination of cationic herbicides in environmental water samples”, *Journal of Chromatography A*, 1481, 145-151 (2017) (IF:3.926). (Corresponding author) (Q1)

16. Lee Yien Thang, Hong Heng See*, Joselito P. Quirino*, "Field-enhanced sample injection-micelle to solvent stacking in nonaqueous capillary electrophoresis", *Talanta*, 161, 165-169 (2016) (IF:4.035). (Corresponding author) (Q1)
17. Lee Yien Thang, Hong Heng See*, Joselito P. Quirino*, "Multistacking from two sample streams in nonaqueous microchip electrophoresis", *Analytical Chemistry*, 88 (20), 9915-9919 (IF:5.856). (Corresponding author) (Q1)
18. Lee Yien Thang, Michael C. Breadmore, Hong Heng See*, "Electrokinetic supercharging in nonaqueous capillary electrophoresis for online preconcentration and determination of tamoxifen and its metabolites in human plasma", *Journal of Chromatography A*, 1461, 185-191 (2016) (IF: 3.926). (Corresponding author) (Q1)
19. Nurul Hazirah Mukhtar and Hong Heng See*, "Carbonaceous Nanomaterials Immobilised Mixed Matrix Membrane Microextraction for the Determination of Polycyclic Aromatic Hydrocarbons in Sewage Pond Water Samples", *Analytica Chimica Acta*, 931, 57-63 (2016) (IF: 4.513). (Corresponding author) (Q1)
20. Lee Yien Thang, Hong Heng See*, Joselito P. Quirino*, "Determination of tamoxifen and its metabolites using micelle to solvent stacking in nonaqueous capillary electrophoresis", *Electrophoresis*, 37, 1166-1169 (2016) (IF:3.028). (Corresponding author) (Q2)
21. Lee Yien Thang, Shafinaz Shahir, Hong Heng See*: "Determination of tamoxifen and its metabolites in human plasma by nonaqueous capillary electrophoresis with contactless conductivity detection", *Electrophoresis*, 36, 2713 – 2719 (2015) (IF:3.028). (Corresponding author) (Q2)
22. Nor Akma Mamat and Hong Heng See*, "Development and evaluation of electromembrane extraction across a hollow polymer inclusion membrane", *Journal of Chromatography A*, 1406, 34-39 (2015) (IF: 4.258) (Corresponding author) (Q1)
23. Michael C Breadmore*, Ria Marni Tubaon, Aliaa I Shallan, Sui Ching Phung, Aemi S. Abdul Keyon, Daniel Gstoettenmayr, Pornpan Prapatpong, Ala A. Alhusban, Leila Ranjbar, Hong Heng See, Mohamed Dawod, Joselito P Quirino: Recent advances in enhancing the sensitivity of electrophoresis and electrochromatography in capillaries and microchips (2012 – 2014). *Electrophoresis*, 36, 36-61 (2015)(IF:3.161). (Q2)
24. Hong Heng See* and Peter C. Hauser*: Automated Electric-Field-Driven Membrane Extraction System Coupled to Liquid Chromatography-Mass Spectrometry. *Anal. Chem.* 86(17), 8665-8670 (2014)(IF: 5.856). (Corresponding author) (Q1)
25. Hong Heng See* and Peter C. Hauser*: Electro-driven extraction of low levels of lipophilic organic anions and cations across plasticized cellulose triacetate membrane: effect of the membrane composition. *Journal of Membrane Science*, 450, 147-152. (2014) (IF: 4.908). (Corresponding author) (Q1)
26. Hong Heng See*, Julia Schmidt-Marzinkowski, Peter C. Hauser*: Electric field driven extraction of inorganic anion across a polymer inclusion membrane. *Electroanalysis*, 25(8), 1879-1886 (2013) (IF: 2.817). (Corresponding author) (Q2)
27. Sazlinda Kamaruzaman, Peter C. Hauser, Mohd Marsin Sanagi, Wan Aini Wan Ibrahim. Salasiah Endud, Hong Heng See*, "A simple microextraction and preconcentration approach based on a mixed matrix membrane", *Anal. Chim. Acta*, 783, 24-30 (2013) (IF: 4.387). (Corresponding author) (Q1)
28. Hong Heng See*, Simone Stratz, Peter C. Hauser*, "Electro-driven extraction across a polymer inclusion membrane with a flow-through cell", *Journal of Chromatography A*, 1300, 79-84. (2013) (IF: 4.612) (Corresponding author) (Q1)
29. Lucia Buglione, Hong Heng See*, Peter C. Hauser*, "Rapid and direct separation of free fatty acids using poly(vinyl alcohol) coated capillary in non-aqueous capillary electrophoresis with contactless conductivity detection", *Electrophoresis*, 34, 2072-2072 (2013) (IF:3.261). (Corresponding author) (Q2)
30. Lucia Buglione, Hong Heng See*, Peter C. Hauser*, "Study on the effects of electrolytes and solvents in the determination of quaternary ammonium ions by non-aqueous capillary electrophoresis with contactless conductivity detection", *Electrophoresis*, 34, 317-324 (2013)(IF:3.261). (Corresponding author) (Q2)
31. Thi Thanh Thuy Pham, Hong Heng See*, Réjane Morand, Stephan Krähenbühl, Peter C. Hauser*, "Determination of free and total valproic acid in human plasma by capillary electrophoresis with contactless conductivity detection", *Journal of Chromatography B*, 907, 74-78 (2012). (IF: 2.888). (Corresponding author) (Q2)

32. Hong Heng See, Julia Schmidt-Marzinkowski, Worapan Pormsila, Réjane Morand, Stephan Krähenbühl, Peter C. Hauser*: Determination of creatine and phosphocreatine in muscle biopsy samples by capillary electrophoresis with contactless conductivity detection. *Anal. Chim. Acta*, 727, 78-82 (2012)(IF: 4.555). (First Author) (Q1)
33. Hong Heng See* and Peter C. Hauser*: Electro-driven selective extraction and preconcentration of lipophilic organic anions across polymer inclusion membrane. *Anal. Chem.* 83, 7507-7513 (2011)(IF: 5.856). (Corresponding author) (Q1)
34. Hong Heng See*, Peter C. Hauser, M. Marsin Sanagi, W. A. W. Ibrahim, "Dynamic supported liquid membrane tip extraction of glyphosate and aminomethylphosphonic acid followed by capillary electrophoresis with contactless conductivity detection", *Journal of Chromatography A*, 1217, 5832 – 5838, (2010)(IF: 4.531). (Corresponding author) (Q1)
35. Hong Heng See, M. Marsin Sanagi*, W. A. W. Ibrahim, A. A. Naim, "Determination of triazine herbicides using membrane-protected carbon nanotubes solid phase membrane tip extraction prior to microliquid chromatography", *Journal of Chromatography A*, 1217, 1767-1772, (2010). (First author) (Q1)
36. Hong Heng See, Peter C. Hauser, W. A. W. Ibrahim, M. Marsin Sanagi*, "Rapid and direct determination of glyphosate, glufosinate and aminophosphonic acid by online preconcentration capillary electrophoresis with contactless conductivity detection", *Electrophoresis*, 31, 575-582, (2010). (First author) (Q2)
37. M. Marsin Sanagi*, H. H. See, Wan Aini Wan Ibrahim, Ahmedy Abu Naim, "Determination of pesticides in water by cone-shaped membrane protected liquid phase microextraction prior to microliquid chromatography" *Journal of Chromatography A*, 1152, 215-219, (2007).
38. M. Marsin Sanagi*, Hong Heng See, "High Temperature Liquid Chromatography on a Poly(styrene-divinylbenzene) Stationary Phase", *Journal of Liquid Chromatography and Related Technologies*, (Publisher: Taylor & Francis), Vol. 28, 3065-3076 (2005). (Q3)
39. M. Marsin Sanagi*, H. H. See, Wan Aini Wan Ibrahim, Ahmedy Abu Naim, "High Temperature Liquid Chromatography of Tocol-Derivatives on Polybutadiene-Coated Zirconia Stationary Phases" *Chromatographia*, 61 (11/12), 567-571 (2005). (Q3)
40. M. Marsin Sanagi*, H. H. See, Wan Aini Wan Ibrahim, Ahmedy Abu Naim, "Determination of Carotene, Tocopherols and Tocotrienols in Residual Oil from Palm Pressed Fiber Using Pressurized Liquid Extraction – Normal Phase Liquid Chromatography" *Analytica Chimica Acta*, 538, 71-76 (2005). (Q1)
41. M. Marsin Sanagi*, H. H. See, Wan Aini Wan Ibrahim, Ahmedy Abu Naim, "High Temperature High Performance Liquid Chromatography of Triazole Fungicides on Polybutadiene-coated Zirconia Stationary Phase" *Journal of Chromatography A*, 1059, 95-101, (2004). (Q1)