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Ph.D. (Birmingham, UK), 1995 School of Chemical Engineering, University of Birmingham, United Kingdom
M.Phil. (Sheffield, UK), 1993 Department of Chemistry, University of Sheffield, United Kingdom
B.Sc. (Cheng-Li, Taiwan), 1986 Department of Chemical Engineering, Chung-Yuan Christian University, Taiwan

Prof. Ho specializes in environmental science emphasizing on water research and bibliometric studies. He had 25 papers which have been cited more than 100 times. One of his articles ranked top one in 2008, 2009, and 2010 in citations in chemical engineering field of the Web of Science. It was the only one article which was cited more than 300 times from 1899 to now in the chemical engineering field.

Publications

Last data updates: 24 September 2011

Document type	In press	h index	Publication	FA	CA	Times cited	Times self cited	CPP	CPP_{ex}
Article	0	35	97	52	60	7793	741	80.3	72.7
Review	0	4	11	3	8	721	56	65.5	60.5
Letter	2	7	31	30	30	246	89	7.94	5.06
Editorial material	0	4	13	12	13	60	32	4.62	2.15
Note	0	0	1	0	0	2	0	2.00	2.00
Meeting abstract	0	0	2	0	2	0	0	0	0
Proceedings paper	0	0	3	0	3	12	1	4.00	3.67
Correction	0	0	1	1	0	0	0	0	0
Total	2	39	159	98	116	8834	919	55.6	49.8

FA: Publication with first author

CA: Publication with corresponding author

CPP: Citation per publication

CPP_{ex}: Citation per publication excludes self-citation

Highly Cited First or Corresponding Author, Article Papers

1. Ofomaja, A.E. and **Ho, Y.S.*** (2007), Effect of pH on cadmium biosorption by coconut copra meal. *Journal of Hazardous Materials*, **139** (2), 356-362.

Document type: Article	Language: English	Cited references: 32	Times cited: 41	Times self cited: 8

Rank 55th in citation from 1,067 papers of *Journal of Hazardous Materials* (2007), Last data updates: 06 October 2011

Rank 222nd/441 in *Journal of Hazardous Materials*; rank 3rd/4 in Nigeria; and rank 569th/1,049 in China; and rank 5,451st/7,719 in the world, in the field of Engineering. (Essential Science Indicators^{SM} has been updated as of September 1, 2011 to cover a 10-year + 6-month period, January 1, 2001-June 30, 2011.)

2. **Ho, Y.S.*** and Ofomaja, A.E. (2006), Pseudo-second-order model for lead ion sorption from aqueous solutions onto palm kernel fiber. *Journal of Hazardous Materials*, **129** (1-3), 137-142.

Document type: Article	Language: English	Cited references: 16	Times cited: 23	Times self cited: 6

Rank 184th in citation from 766 papers of *Journal of Hazardous Materials* (2006), Last data updates: 06 October 2011

Rank 6325th in the world, rank 1st in Nigeria, rank 379th in Peoples R China, and Rank 15th in Peking University in the field of Engineering. (Essential Science Indicators was updated on May 1, 2007 to cover a ten-year plus two-month period, January 1, 1997-February 28, 2007.)

3. **Ho, Y.S.*** (2006), Isotherms for the sorption of lead onto peat: Comparison of linear and non-linear methods. *Polish Journal of Environmental Studies*, **15** (1), 81-86.

Document type: Article	Language: English	Cited references: 23	Times cited: 43	Times self cited: 8

Rank 1st in citation from 115 papers of *Polish Journal of Environmental Studies* (2006); Rank 1st in citation from 1,402 papers of *Polish Journal of Environmental Studies* (from year 2000, Volume 9 (1) to year 2010, Volume 20 (4)), Last data updates: 06 October 2011

4. **Ho, Y.S.*** (2006), Second-order kinetic model for the sorption of cadmium onto tree fern: A comparison of linear and non-linear methods. *Water Research*, **40** (1), 119-125.

Document type: Article	Language: English	Cited references: 21	Times cited: 163	Times self cited: 6

Rank 2nd in citation from 440 papers of *Water Research* (2006), Rank 133rd in citation from 13,481 papers of *Water Research* (from year 1967, Volume 1 (1) to year 2010, Volume 45 (15)), Last data updates: 06 October 2011

Rank 28th/82 in *Water Research*; and rank 22nd/93 in China; and rank 919th/2,737 in the world, in the field of Environment/Ecology. (Essential Science Indicators[SM] has been updated as of September 1, 2011 to cover a 10-year + 6-month period, January 1, 2001-June 30, 2011.)

5. **Ho, Y.S.***, Chiu, W.T. and Wang, C.C. (2005), Regression analysis for the sorption isotherms of basic dyes on sugarcane dust. *Bioresource Technology*, **96** (11), 1285-1291.

Document type: Article	Language: English	Cited references: 31	Times cited: 127	Times self cited: 5

Rank 8th in citation from 267 papers of *Bioresource Technology* (2005); Rank 70th in citation from 8,590 papers of *Bioresource Technology* (from year 1991, Volume 35 (2) to year 2010, Volume 102 (17)), Last data updates: 06 October 2011

6. **Ho, Y.S.***, Chiang, T.H. and Hsueh, Y.M. (2005), Removal of basic dye from aqueous solution using tree fern as a biosorbent. *Process Biochemistry*, **40** (1), 119-124.

Document type: Article	Language: English	Cited references: 23	Times cited: 111	Times self cited: 8

Rank 4th in citation from 487 papers of *Process Biochemistry* (2005); Rank 31st in citation from 4,927 papers of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2010, Volume 49 (27)), Last data updates: 06 October 2011

7. **Ho, Y.S.***, Chiu, W.T., Hsu, C.S. and Huang, C.T. (2004), Sorption of lead ions from aqueous solution using tree fern as a sorbent. *Hydrometallurgy*, **73** (1-2), 55-61.

Document type: Article	Language: English	Cited references: 19	Times cited: 86	Times self cited: 12

ISI highly cited article

Rank 1st in citation from 128 papers of *Hydrometallurgy* (2004); Rank 12nd in citation from 3,045 papers of *Hydrometallurgy* (from year 1977, Volume 2 (4) to year 2008, Volume 108 (3-4)), Last data updates: 06 October 2011

8. **Ho, Y.S.** and McKay, G. (2003), Sorption of dyes and copper ions onto biosorbents. *Process Biochemistry*, **38** (7), 1047-1061.

Document type: Article	Language: English	Cited references: 29	Times cited: 124	Times self cited: 3

Rank 2nd in citation from 174 papers of *Process Biochemistry* (2003); Rank 21st in citation from 4,927 papers of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2010, Volume 49 (27)), Last data updates: 06 October 2011

9. **Ho, Y.S.*** (2003), Removal of copper ions from aqueous solution by tree fern. *Water Research*, **37** (10), 2323-2330.

Document type: Article	Language: English	Cited references: 18	Times cited: 223	Times self cited: 19

ISI highly cited article

Rank 4th in citation from 547 papers of *Water Research* (2003); Rank 64th in citation from 13,481 papers of *Water Research* (from year 1967, Volume 1 (1) to year 2010, Volume 45 (15)), Last data updates: 06 October 2011

Rank 7th/82 in *Water Research*; and rank 441st/2,737 in the world, in the field of Environment/Ecology. (Essential Science Indicators^{SM} has been updated as of September 1, 2011 to cover a 10-year + 6-month period, January 1, 2001-June 30, 2011)

10. **Ho, Y.S.**, Porter, J.F. and McKay, G. (2002), Equilibrium isotherm studies for the sorption of divalent metal ions onto peat: Copper, nickel and lead single component systems. *Water Air and Soil Pollution*, **141** (1-4), 1-33.

Document type: Article	Language: English	Cited references: 59	Times cited: 201	Times self cited: 6

Rank 1st in citation from 211 papers of *Water Air and Soil Pollution* (2002), Rank 8th in citation from 7,823 papers of *Water Air and Soil Pollution* (from year 1975, Volume 4 (1) to year 2010, Volume 220 (1-4)), Last data updates: 06 October 2011

Rank 1st/1 in *Water Air and Soil Pollution*; and rank 15th/104 in China, and rank 586th/2,737 in the world, in the field of Environment/Ecology. (Essential Science Indicators^{SM} has been updated as of September 1, 2011 to cover a 10-year + 6-month period, January 1, 2001-June 30, 2011)

11. **Ho, Y.S.***, Huang, C.T. and Huang, H.W. (2002), Equilibrium sorption isotherm for metal ions on tree fern. *Process Biochemistry*, **37** (12), 1421-1430.

Document type: Article	Language: English	Cited references: 25	Times cited: 187	Times self cited: 18

Rank 1st in citation from 211 papers of *Process Biochemistry* (2002); Rank 6th in citation from 4,927 papers of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2010, Volume 49 (27)), Last data updates: 06 October 2011

12. **Ho, Y.S.*** and Chiang, C.C. (2001), Sorption studies of acid dye by mixed sorbents. *Adsorption-Journal of the International Adsorption Society*, **7** (2), 139-147.

Document type: Article	Language: English	Cited references: 31	Times cited: 176	Times self cited: 16

Rank 1st in citation from 28 papers of *Adsorption-Journal of the International Adsorption Society* (2001), Rank 1st in citation from 919 papers of *Adsorption-Journal of the International Adsorption Society* (from year 1995, Volume 1 (3) to year 2010, Volume 17 (5)), Last data updates: 06 October 2011

Rank 1st/1 in *Adsorption-Journal of the International Adsorption Society*; and rank 19th/89 in Taiwan, and rank 4,472nd/12,088 in the world, in the field of Chemistry. (Essential Science Indicators^{SM} has been

updated as of September 1, 2011 to cover a 10-year + 6-month period, January 1, 2001-June 30, 2011.)

13. **Ho, Y.S.**, Ng, J.C.Y. and McKay, G. (2001), Removal of lead(II) from effluents by sorption on peat using second-order kinetics. *Separation Science and Technology*, **36** (2), 241-261.

Document type: Article	Language: English	Cited references: 48	Times cited: 134	Times self cited: 5

Rank 2nd in citation from 211 papers of *Separation Science and Technology* (2001), Rank 13th in citation from 5,467 papers of *Separation Science and Technology* (from year 1978, Volume 13 (1) to year 2010, Volume 46 (1)), Last data updates: 06 October 2011

14. **Ho, Y.S.**, McKay, G., Wase, D.A.J. and Forster, C.F. (2000), Study of the sorption of divalent metal ions on to peat. *Adsorption Science & Technology*, **18** (7), 639-650.

Document type: Article	Language: English	Cited references: 28	Times cited: 106	Times self cited: 5

Rank 1st in citation from 71 papers of *Adsorption Science & Technology* (2000), Rank 1st in citation from 1,095 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2010, Volume 29 (2)), Last data updates: 06 October 2011

15. **Ho, Y.S.** and McKay, G. (2000), The kinetics of sorption of divalent metal ions onto sphagnum moss peat. *Water Research*, **34** (3), 735-742.

Document type: Article	Language: English	Cited references: 11	Times cited: 712	Times self cited: 52

Rank 1st in citation from 531 papers of *Water Research* (2000); Rank 5th in citation from 13,481 papers of *Water Research* (from year 1967, Volume 1 (1) to year 2010, Volume 45 (15)), Last data updates: 06 October 2011

Rank 66th in citation from 273,229 adsorption related articles in SCI-Expanded since 1900, Last data updates: 15 July 2011

Rank 1st/81 in *Water Research*; and 1st/87 in China; and rank 45th/2,643 in the world, in the field of Environment/Ecology. (Essential Science Indicators℠ has been updated as of March 1, 2011 to cover an 11-year period, January 1, 2000-December 31, 2010.)

16. **Ho, Y.S.** and McKay, G. (1999), Pseudo-second order model for sorption processes. *Process Biochemistry*, **34** (5), 451-465.

Document type: Article	Language: English	Cited references: 85	Times cited: 1510	Times self cited: 34

Rank 1st in citation from 168 papers of *Process Biochemistry* (1999); Rank 1st in citation from 4,927 papers of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2010, Volume 49 (27)), Last data updates: 06 October 2011

Rank 9th in citation from 440,055 articles in the Web of Science chemical engineering field. Last data updates: 06 October 2011

Rank top one in 2008 (203 times). 2009 (306 times), and 2010 (315 times) in the Web of Science chemical engineering field. Last data updated 06 October 2011

Rank 17th in citation from 277,134 adsorption related articles in SCI-Expanded since 1900, Last data updates: 06 October 2011

Rank 1st/4 in *Process Biochemistry*; and 1st/87 in China; and rank 85th/5,708 in the world, in the field of Biology & Biochemistry. (Essential Science Indicators℠ has been updated as of March 1, 2010 to cover an 11-year period, January 1, 1999-December 31, 2009.)

17. **Ho, Y.S.** and McKay, G. (1999), Comparative sorption kinetic studies of dye and aromatic

compounds onto fly ash. *Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering*, **34** (5), 1179-1204.

Document type: Article	Language: English	Cited references: 8	Times cited: 127	Times self cited: 17

Rank 1st in citation from 118 papers of *Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering* (1999); Rank 1st in citation from 2,488 papers of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering (from year 1979, Volume 14 (7) to year 2010, Volume 46 (10)), Last data updates: 06 October 2011

18. **Ho, Y.S.** and McKay, G. (1999), A kinetic study of dye sorption by biosorbent waste product pith. *Resources, Conservation and Recycling*, **25** (3), 171-193.

Document type: Article	Language: English	Cited references: 19	Times cited: 124	Times self cited: 26

Rank 2nd in citation from 60 papers of *Resources, Conservation and Recycling* (1999), Rank 4th in citation from 1,550 papers of *Resources, Conservation and Recycling* (from year 1989, Volume 3 (1) to year 2010, Volume 55 (9-10)), Last data updates: 06 October 2011

19. **Ho, Y.S.*** and McKay, G. (1999), The sorption of lead(II) ions on peat. *Water Research*, **33** (2), 578-584.

Document type: Article	Language: English	Cited references: 9	Times cited: 368	Times self cited: 10

Rank 2nd in citation from 455 papers of *Water Research* (1999); Rank 20th in citation from 13,481 papers of *Water Research* (from year 1967, Volume 1 (1) to year 2010, Volume 45 (15)), Last data updates: 06 October 2011

Rank 6th in *Water Research*; rank 1st in Taiwan; rank 4th in China, and rank 317th in the world, in the field of Environment/Ecology. (Essential Science Indicators was updated on March 1, 2009 to cover an 11-year period, January 1, 1998-December 31, 2008.)

20. **Ho, Y.S.** and McKay, G. (1998), A comparison of chemisorption kinetic models applied to pollutant removal on various sorbents. *Process Safety and Environmental Protection*, **76** (B4), 332-340.

Document type: Article	Language: English	Cited references: 63	Times cited: 202	Times self cited: 26

Rank 1st in citation from 35 papers of *Process Safety and Environmental Protection* (1998); Rank 1st in citation from 1,010 papers of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2010, Volume 89 (4)), Last data updates: 06 October 2011

21. **Ho, Y.S.** and McKay, G. (1998), The kinetics of sorption of basic dyes from aqueous solution by sphagnum moss peat. *Canadian Journal of Chemical Engineering*, **76** (4), 822-827.

Document type: Article	Language: English	Cited references: 23	Times cited: 173	Times self cited: 24

Rank 1st in citation from 132 articles of *Canadian Journal of Chemical Engineering* (1998), Rank 10th in citation from 6,438 articles of *Canadian Journal of Chemical Engineering* (from year 1964, Volume 42 (1) to year 2010, Volume 89 (4)), Last data updates: 06 October 2011

22. **Ho, Y.S.** and McKay, G. (1998), Kinetic model for lead(II) sorption on to peat. *Adsorption Science & Technology*, **16** (4), 243-255.

Document type: Article	Language: English	Cited references: 23	Times cited: 82	Times self cited: 16

Rank 1st in citation from 72 papers of *Adsorption Science & Technology* (1998), Rank 2nd in citation from 1,095 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2010, Volume

29 (2)), Last data updates: 06 October 2011

23. **Ho, Y.S.** and McKay, G. (1998), Sorption of dye from aqueous solution by peat. *Chemical Engineering Journal*, **70** (2), 115-124.

Document type: Article	Language: English	Cited references: 42	Times cited: 661	Times self cited: 52

Rank 1st in citation from 74 papers of *Chemical Engineering Journal* (1998), Rank 1st in citation from 4,815 papers of *Chemical Engineering Journal* (from year 1996, Volume 63 (1) to year 2011, Volume 171 (3)), Last data updates: 06 October 2011

Rank 51st in citation from 440,055 articles in the Web of Science chemical engineering field. Last data updates: 06 October 2011

Rank 82nd in citation from 273,229 adsorption related articles in SCI-Expanded since 1900, Last data updates: 15 July 2011

Rank 1st in *Chemical Engineering Journal*; and rank 3rd in Hong Kong University of Science and Technology, rank 13rd in China, and rank 862nd in the world, in the field of Chemistry. (Essential Science Indicators was updated on March 1, 2009 to cover an 11-year period, January 1, 1998-December 31, 2008.)

24. **Ho, Y.S.** and McKay, G. (1998), Kinetic models for the sorption of dye from aqueous solution by wood. *Process Safety and Environmental Protection*, **76** (B2), 183-191.

Document type: Article	Language: English	Cited references: 12	Times cited: 188	Times self cited: 33

Rank 2nd in citation from 35 articles of *Process Safety and Environmental Protection* (1998), Rank 2nd in citation from 1,010 papers of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2010, Volume 89 (4)), Last data updates: 06 October 2011

25. **Ho, Y.S.**, Wase, D.A.J. and Forster, C.F. (1996), Kinetic studies of competitive heavy metal adsorption by sphagnum moss peat. *Environmental Technology*, **17** (1), 71-77.

Document type: Article	Language: English	Cited references: 17	Times cited: 234	Times self cited: 41

Rank 1st in citation from 150 articles of *Environmental Technology* (1996), Rank 1st in citation from 3,074 articles of *Environmental Technology* (from year 1990, Volume 11 (1) to year 2010, Volume 32 (6)), Last data updates: 06 October 2011

26. **Ho, Y.S.**, Wase, D.A.J. and Forster, C.F. (1995), Batch nickel removal from aqueous solution by sphagnum moss peat. *Water Research*, **29** (5), 1327-1332.

Document type: Article	Language: English	Cited references: 20	Times cited: 184	Times self cited: 18

Rank 2nd in citation from 375 papers of *Water Research* (1995); Rank 96th in citation from 13,481 papers of *Water Research* (from year 1967, Volume 1 (1) to year 2010, Volume 45 (15)), Last data updates: 06 October 2011

Highly Cited Review Papers

27. **Ho, Y.S.*** (2006), Review of second-order models for adsorption systems. *Journal of Hazardous Materials*, **136** (3), 681-689.

Document type: Review	Language: English	Cited references: 143	Times cited: 231	Times self cited: 16

Rank 1st in citation from 766 papers of *Journal of Hazardous Materials* (2006), Rank 5th in citation from 11,028 papers of *Journal of Hazardous Materials* (from year 1977, Volume 2 (1) to year 2010, Volume 192 (2)), Last data updates: 06 October 2011

Rank 5th/441 in *Journal of Hazardous Materials*; and rank 4th/240 in Taiwan, and rank 248th/7,719 in the world, in the field of Engineering. (Essential Science Indicators℠ has been updated as of September 1, 2011 to cover a 10-year + 6-month period, January 1, 2001-June 30, 2011.)

28. **Ho, Y.S.*** (2004), Citation review of Lagergren kinetic rate equation on adsorption reactions. *Scientometrics*, **59** (1), 171-177.

Document type: Review	Language: English	Cited references: 37	Times cited: 212	Times self cited: 27

ISI highly cited article

Rank 1st in citation from 101 papers of *Scientometrics* (2004), Rank 2nd in citation from 3,082 papers of *Scientometrics* (from year 1979, Volume 1 (2) to year 2010, Volume 89 (1)), Last data updates: 06 October 2011

Rank 1st/31 in *Scientometrics*; and rank 2nd/27 in Taiwan, and rank 94th/4,490 in the world, in the field of General Social Sciences. (Essential Science Indicators℠ has been updated as of September 1, 2011 to cover a 10-year + 6-month period, January 1, 2001-June 30, 2011.)

29. **Ho, Y.S.**, Ng, J.C.Y. and McKay, G. (2000), Kinetics of pollutant sorption by biosorbents: Review. *Separation and Purification Methods*, **29** (2), 189-232.

Document type: Review	Language: English	Cited references: 127	Times cited: 193	Times self cited: 4

Rank 1st in citation from 11 papers of *Separation and Purification Methods* (2000), Rank 5th in citation from 188 papers of *Separation and Purification Methods* (from year 1972, Volume 1 (2) to year 2002, Volume 31 (2)), Last data updates: 06 October 2011

Rank 36th/1,038 in China, and rank 486th/8,209 in the world, in the field of Engineering. (Essential Science Indicators℠ has been updated as of March 1, 2011 to cover an 11-year period, January 1, 2000-December 31, 2010.)

30. McKay, G., **Ho, Y.S.** and Ng, J.C.P. (1999), Biosorption of copper from waste waters: A review. *Separation and Purification Methods*, **28** (1), 87-125.

Document type: Review	Language: English	Cited references: 151	Times cited: 105	Times self cited: 6

Rank 3rd in citation from 5 papers of *Separation and Purification Methods* (1999), Rank 9th in citation from 188 papers of *Separation and Purification Methods* (from year 1972, Volume 1 (2) to year 2002, Volume 31 (2)), Last data updates: 06 October 2011

Rank 6th/7 in *Separation and Purification Methods*; and rank 137th/910 in China, and rank 2,161th/8,018 in the world, in the field of Engineering. (Essential Science Indicators℠ has been updated as of March 1, 2010 to cover an 11-year period, January 1, 1999-December 31, 2009.)

Highly Cited First or Corresponding Author, Letter Papers

31. **Ho, Y.S.*** (2004), Selection of optimum sorption isotherm. *Carbon*, **42** (10), 2115-2116.

Document type: Letter	Language: English	Cited references: 6	Times cited: 113	Times self cited: 14

Rank 12nd in citation from 487 papers of Carbon (2004), Rank 11st in citation from 1,444 letters of *Carbon* (from year 1963, Volume 1 (1) to year 2008, Volume 49 (13)), Last data updates: 06 October 2011