

CURRICULUM VITAE

Personal Data

Name: Yuh-Shan Ho

Date of Birth: 29 May 1959

Place of Birth: Taiwan

Director of the Trend Research Centre, Asia University, Taiwan

E-mail: ysho@asia.edu.tw

Chang Jiang Scholars,

Professor in Department of Environmental Sciences, Peking University, China

E-mail: dr_ysho@hotmail.com

Website: <http://dns2.asia.edu.tw/~ysho/>

Education

May 1993 - Dec. 1995 Doctor of Philosophy (Ph.D.) in Chemical Engineering received at the University of Birmingham in the United Kingdom

Thesis: Adsorption of Heavy Metals from Waste Streams by Peat

Oct. 1991 - June 1993 Master of Philosophy (M.Phil.) in Chemistry received at the University of Sheffield in the United Kingdom

Thesis: Studies on Oxa-axamacrocycles

Sept. 1982 - June 1986 Bachelor of Science (B.Sc.) in Chemical Engineering received at Chung-Yuan Christian University in Taiwan

Sept. 1978 - June 1980 Diploma in Chemical Engineering received at Lien-Ho Junior College of Technology in Taiwan

Working Experience

Sep. 2009 - Director of the Trend Research Centre, Asia University, Taiwan

Apr. 2006 - Chang Jiang Scholar, Professor in Department of Environmental Sciences, Peking University, China

Sep. 2005 - Sep. 2008 Executer of the Research and Development, Taipei Medical University - Wan-Fang Hospital, Taiwan

Sep. 2007 - July 2008 Assistant Professor in Department of Chemical Engineering, I-Shou University, Taiwan

Oct. 2007 - Nov. 2007 Visiting Professor in Department of Chemistry at the National Institute of Technology, Tiruchirappalli, NITT, India

Aug. 2000 - Dec. 2006 Assistant Professor in School of Public Health at the Taipei Medical University, Taiwan

Feb. 2004 - Mar. 2005 Visiting Professor in Maître de conférence invité in Laboratoire de Chimie Industrielle - Génie des Procédés, at Conservatoire National des Arts et Métiers, Paris, France

Jan. 1998 - Apr. 2000 Senior Specialist in Dahin Group, Taiwan

Dec. 1996 - Dec. 1997 Research Associate in Department of Chemical Engineering at the Hong Kong University of Science and Technology

Dec. 1995 - Dec. 1996 Research Visitor in School of Chemical Engineering at the University of Birmingham in the United Kingdom

Apr. 1983 - May 1991 Technician in Chung Shan Institute of Science and Technology, Ministry of Defence, Taiwan

Academic Publication

1. **Ho, Y.S.** (1993), Studies on Oxa-axamacrocycles. M.Phil. Thesis, The University of Sheffield, Sheffield, U.K.

Times cited: 1

2. **Ho, Y.S.** (1995), Adsorption of heavy metals from waste streams by peat. Ph.D. Thesis, The University of Birmingham, Birmingham, U.K.

Times cited: 220

3. Wase, D.A.J., Forster, C.F. and **Ho, Y.S.** (1997), Low-cost biosorbents: Batch processes. in *Biosorbents for Metal Ions*, (Edited by Wase, D.A.J. and Forster, C.F.), Taylor and Francis, London and New York, 141-163.

Times cited: 1

4. **Ho, Y.S.** (2008), Application of biosorbents on wastewater treatment. in *International Journal of Environment and Pollution*, (Edited by M.A. Dorgham), Inderscience Enterprises Ltd, Genève, Switzerland, Volume 34, Nos. 1/2/3/4.

5. **Ho, Y.S.** and El-Khaiary, M.I. (2009), Metal research trends in environmental field. in *Heavy Metals in the Environment*, (Edited by Wang, L.K., Chen, J.P., Hung, Y.T. and Shamma, N.K.), Taylor and Francis & CRC Press, New York, 1-12.

Times cited: 1

6. Wang, M.H. and **Ho, Y.S.** (2012), A historical review of peat related research. In *Peat: Formation, Uses and Biological Effects*, (Edited by Draguhn, C. and Ciarimboli, N.), Nova Science Pub Inc, 57-80.

7. Fu, H.Z. and **Ho, Y.S.*** (2012), Bibliometric analysis of thermodynamic research: A Science Citation Index Expanded-based analysis. In *Thermodynamics - Fundamentals and Its Application in Science*, (Edited by Morales-Rodriguez, R.), InTech, 519-524.

Figure 1. Papers have been cited at least 100 times (Last data updates: 04 December 2013)

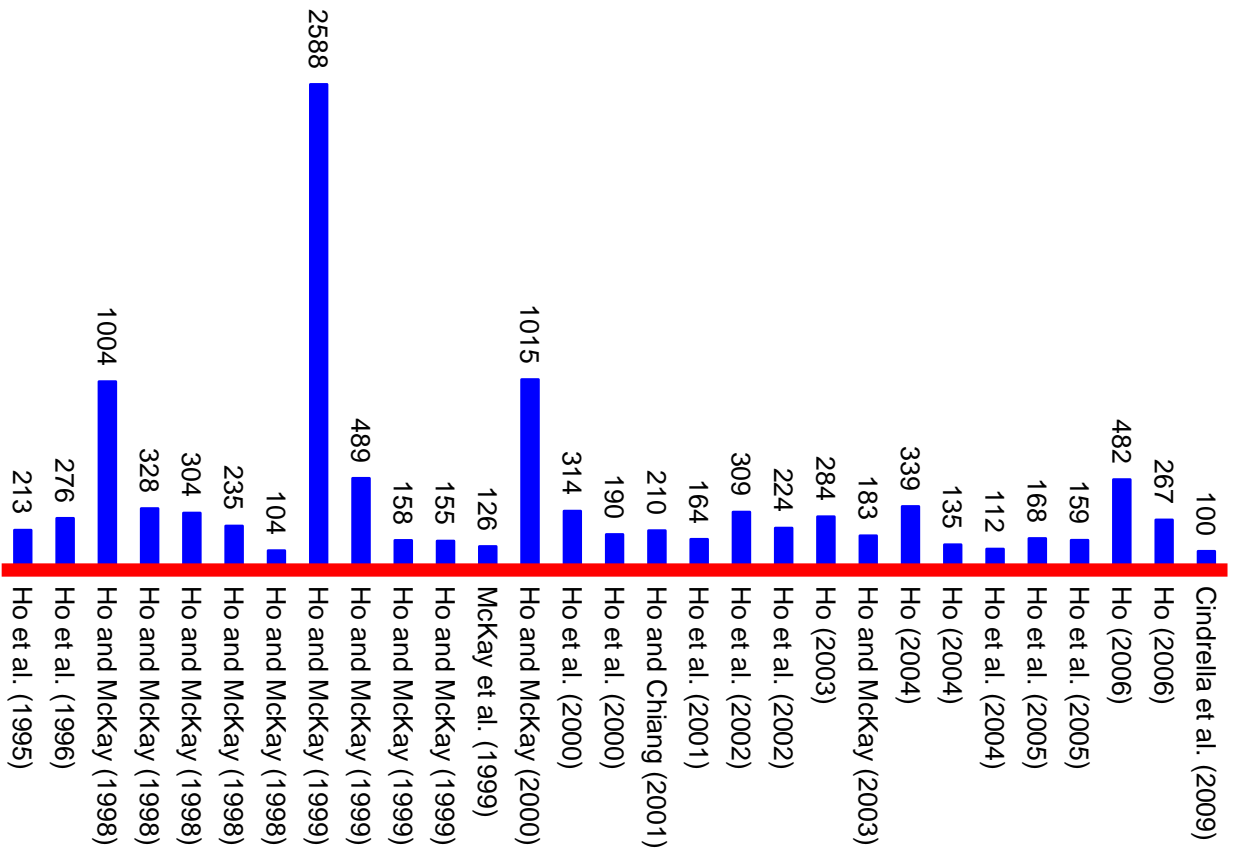
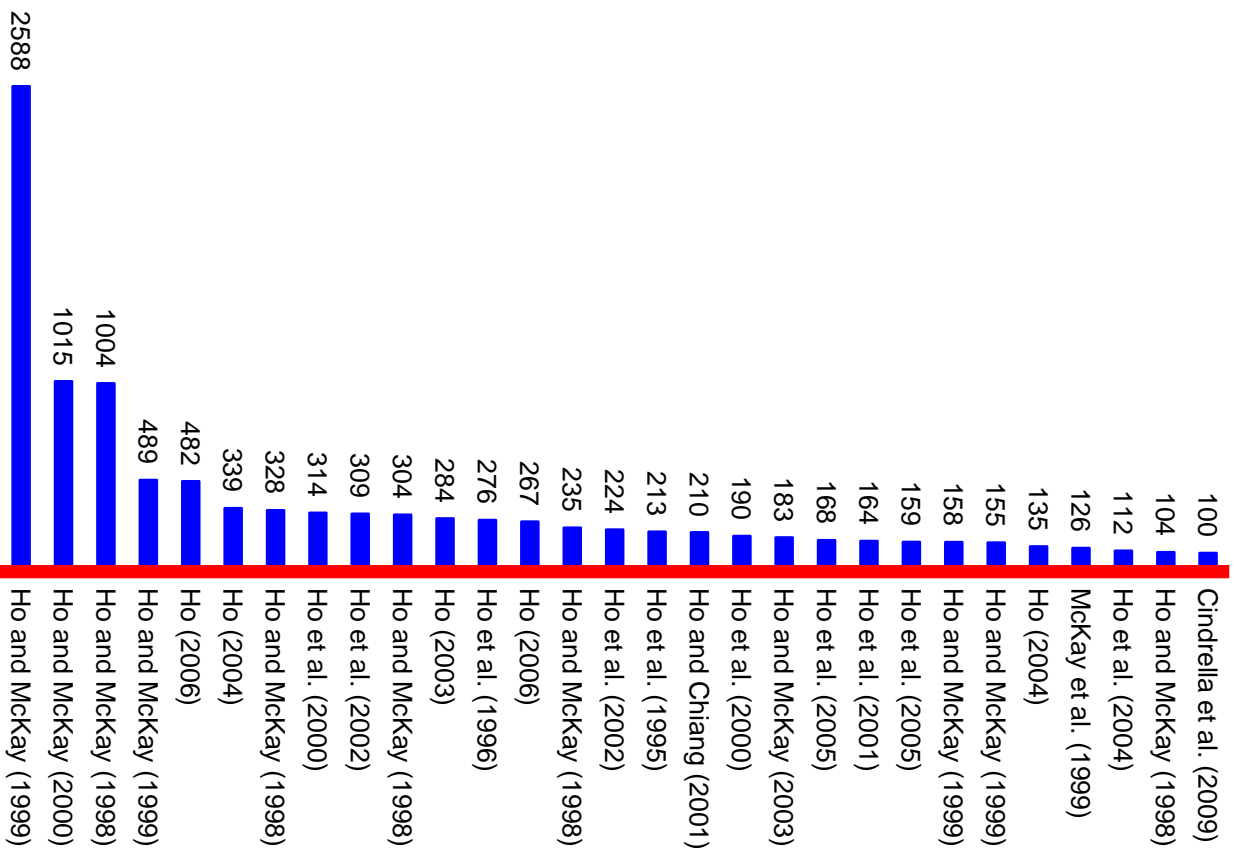


Figure 2. Papers have been cited at least 100 times (Last data updates: 04 December 2013)



Scientific Papers (SCI or SSCI)

Last data updates: 06 December 2013

Document type	In press	h index	Publication	FA	CA	Times cited	Times self cited	CPP	CPP _{ex}
Article	7	43	123	55	76	11192	859	91.0	84.0
Review	0		10	3	7	1329	85	133	124
Letter	2		39	37	37	266	88	6.82	4.56
Editorial material	0		16	14	16	58	33	3.63	1.56
Note	0		1	0	0	3	0	3.00	3.00
Meeting abstract	0		2	0	2	0	0	0	0
Proceedings paper	0		5 (2 articles)	0	0	97	6	32.3	30.3
Correction	0		1	1	0	0	0	0	0
Total	9	45	195	110	138	12945	1071	66.4	60.9

FA: Publication with first author

CA: Publication with corresponding author

CPP: Citation per publication

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

PUBLICATIONS RELATED TO ADSORPTION

Last data updates: 06 December 2013

Document type	In press	h index	Publication	FA	CA	Times cited	Times self cited	CPP	CPP _{ex}
Article	0	42	65	49	35	10571	619	163	153
Review	0		4	3	2	1254	62	314	298
Letter	2		36	36	36	262	85	7.3	4.9
Editorial material	0		14	13	14	58	33	4.1	1.8
Correction	0		1	1	0	0	0	0	0
Total	2	44	120	102	87	12145	799	101	95

FA: Publication with first author

CA: Publication with corresponding author

CPP: Citation per publication

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

First or Corresponding Author, Article Papers

- Zhang, L., Hong, S., He, J., Gan, F.X. and **Ho, Y.S.*** (2011), Adsorption characteristic studies of phosphorus onto laterite. *Desalination and Water Treatment*, **25** (1), 98-105.

Document type: Article	Language: English	Cited references: 17	Times cited: 1	Times self cited: 0
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- He, J., Hong, S., Gan, F.X., Zhang, L. and **Ho, Y.S.*** (2010), Equilibrium and thermodynamic parameters of adsorption of Methylene blue onto rectorite. *Fresenius Environmental Bulletin*, **19** (11A), 2651-2656.

Document type: Article	Language: English	Cited references: 29	Times cited: 6	Times self cited: 0
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- Malarvizhi, R. and **Ho, Y.S.*** (2010), The influence of pH and the structure of the dye molecules on adsorption isotherm modeling using activated carbon. *Desalination*, **264** (1-3), 97-101.

Document type: Article	Language: English	Cited references: 21	Times cited: 10	Times self cited: 0
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4. Zhang, L., Hong, S., He, J., Gan, F.X. and **Ho, Y.S.*** (2010), Isotherm study of phosphorus uptake from aqueous solution using aluminum oxide. *Clean-Soil Air Water*, **38** (9), 831-836.

Document type: Article	Language: English	Cited references: 17	Times cited: 5	Times self cited: 0
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5. El-Khaiary, M.I., Malash, G.F. and **Ho, Y.S.*** (2010), On the use of linearized pseudo-second-order kinetic equations for modeling adsorption systems. *Desalination*, **257** (1-3), 93-101.

Document type: Article	Language: English	Cited references: 24	Times cited: 11	Times self cited: 1
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6. Hong, S., Wen, C., He, J., Gan, F.X. and **Ho, Y.S.*** (2009), Adsorption thermodynamics of Methylene Blue onto bentonite. *Journal of Hazardous Materials*, **167** (1-3), 630-633.

Document type: Article	Language: English	Cited references: 21	Times cited: 38	Times self cited: 0
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7. Zhang, J., Xie, S.D. and **Ho, Y.S.*** (2009), Removal of fluoride ions from aqueous solution using modified attapulgite as adsorbent. *Journal of Hazardous Materials*, **165** (1), 218-222.

Document type: Article	Language: English	Cited references: 34	Times cited: 18	Times self cited: 0
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8. **Ho, Y.S.*** (2009), Comments on “Adsorption of direct dyes from aqueous solutions by carbon nanotubes: Determination of equilibrium, kinetics and thermodynamics parameters”. *Journal of Colloid and Interface Science*, **333** (1), 412.

Document type: Article	Language: English	Cited references: 8	Times cited: 1	Times self cited: 0
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9. Ofomaja, A.E. and **Ho, Y.S.*** (2008), Kinetic biosorption study of cadmium onto coconut copra meal as biosorbent. *International Journal of Environment and Pollution*, **34** (1-4), 466-476.

Document type: Article	Language: English	Cited references: 32	Times cited: 4	Times self cited: 1
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10. **Ho, Y.S.*** and Wang, C.C. (2008), Sorption equilibrium of mercury onto ground-up tree fern. *Journal of Hazardous Materials*, **156** (1-3), 398-404.

Document type: Article	Language: English	Cited references: 56	Times cited: 12	Times self cited: 0
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11. Ofomaja, A.E. and **Ho, Y.S.*** (2008), Effect of temperatures and pH on Methyl violet biosorption by mansonia wood sawdust. *Bioresource Technology*, **99** (13), 5411-5417.

Document type: Article	Language: English	Cited references: 22	Times cited: 36	Times self cited: 2
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12. 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: 63	Times self cited: 9
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Rank 68th in citations from 1,067 papers of *Journal of Hazardous Materials* (2007), Last data updates: 08 November 2013

Rank 259th/566 in *Journal of Hazardous Materials* and rank 5,188th/9,400 in the world, in the field of Engineering. (Essential Science IndicatorsSM has been updated as of January 1, 2013 to cover a 10-year plus 10-month period, January 1, 2002-October 31, 2012.)

13. Ofomaja, A.E. and **Ho, Y.S.*** (2007), Equilibrium sorption of anionic dye from aqueous solution by palm kernel fibre as sorbent. *Dyes and Pigments*, **74** (1), 60-66.

Document type: Article	Language: English	Cited references: 36	Times cited: 45	Times self cited: 4
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Rank 27th in citations from 353 papers of *Dyes and Pigments* (2007), Last data updates: 08 November 2013

14. **Ho, Y.S.*** and Ofomaja, A.E. (2006), Kinetic studies of copper ion adsorption on palm kernel fibre. *Journal of Hazardous Materials*, **137** (3), 1796-1802.

Document type: Article	Language: English	Cited references: 21	Times cited: 28	Times self cited: 5
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15. **Ho, Y.S.*** and Ofomaja, A.E. (2006), Biosorption thermodynamics of cadmium on coconut copra meal as biosorbent. *Biochemical Engineering Journal*, **30** (2), 117-123.

Document type: Article	Language: English	Cited references: 28	Times cited: 87	Times self cited: 10
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Rank 3rd in citations from 211 papers of *Biochemical Engineering Journal* (2006), Last data updates: 08 November 2013

16. **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: 66	Times self cited: 6
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Rank 50th in *Journal of Hazardous Materials*; 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.)

17. **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: 72	Times self cited: 9
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Rank 2nd in citations from 115 papers of *Polish Journal of Environmental Studies* (2006); **rank 2nd** in citations from 1,839 papers of *Polish Journal of Environmental Studies* (from year 2000, Volume 9 (1) to year 2013, Volume 22 (4)), Last data updates: 06 November 2013

18. **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: 267	Times self cited: 8
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Rank 2nd in citations from 440 papers of *Water Research* (2006), rank 76th in citations from 14,812 papers of *Water Research* (from year 1967, Volume 1 (1) to year 2013, Volume 47 (14)), Last data updates: 08 November 2013

Rank 21th/88 in *Water Research* and rank 722th/3,122 in the world, in the field of

Environment/Ecology. (Essential Science IndicatorsSM has been updated as of January 1, 2013 to cover a 10-year plus 10-month period, January 1, 2002-October 31, 2012.)

19. **Ho, Y.S.***, Harouna-Oumarou, H.A., Fauduet, H. and Porte, C. (2005), Kinetics and model building of leaching of water-soluble compounds of Tilia sapwood. *Separation and Purification Technology*, **45** (3), 169-173.

Document type: Article	Language: English	Cited references: 13	Times cited: 4	Times self cited: 1
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20. **Ho, Y.S.*** and Ofomaja, A.E. (2005), Kinetics and thermodynamics of lead ion sorption on palm kernel fibre from aqueous solution. *Process Biochemistry*, **40** (11), 3455-3461.

Document type: Article	Language: English	Cited references: 22	Times cited: 94	Times self cited: 15
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Rank 15th in citations from 487 papers of *Process Biochemistry* (2005); Rank 80th in citations from 5,559 articles of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2013, Volume 48 (10)), Last data updates: 08 November 2013

21. **Ho, Y.S.*** and Ofomaja, A.E. (2005), Effects of calcium competition on lead sorption by palm kernel fibre. *Journal of Hazardous Materials*, **120** (1-3), 157-162.

Document type: Article	Language: English	Cited references: 26	Times cited: 13	Times self cited: 3
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22. **Ho, Y.S.*** (2005), Comment on "Nitrate removal from aqueous solution by adsorption onto various materials" by N. Öztürk, T.E. Bektaş. *Journal of Hazardous Materials*, **118** (1-3),

253-254.

Document type: Article	Language: English	Cited references: 13	Times cited: 3	Times self cited: 0
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23. **Ho, Y.S.*** (2005), Effect of pH on lead removal from water using tree fern as the sorbent. *Bioresource Technology*, **96** (11), 1292-1296.

Document type: Article	Language: English	Cited references: 15	Times cited: 82	Times self cited: 3
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Rank 31th in citations from 267 papers of *Bioresource Technology* (2005); Rank 346th in citations from 12,221 papers of *Bioresource Technology* (from year 1991, Volume 35 (2) to year 2013, Volume 146 (1-6)), Last data updates: 08 November 2013

24. **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: 167	Times self cited: 4
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Rank 9th in citations from 267 papers of *Bioresource Technology* (2005); Rank 82th in citations from 12,221 papers of *Bioresource Technology* (from year 1991, Volume 35 (2) to year 2013, Volume 146 (1-6)), Last data updates: 08 November 2013

25. **Ho, Y.S.*** (2005), Comments on “Chitosan functionalized with 2[-bis-(pyridylmethyl) aminomethyl]4-methyl-6-formyl-phenol: Equilibrium and kinetics of copper(II) adsorption”. *Polymer*, **46** (5), 1451-1452.

Document type: Article	Language: English	Cited references: 17	Times cited: 3	Times self cited: 0
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26. **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: 157	Times self cited: 8
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Rank 5th in citations from 487 papers of *Process Biochemistry* (2005); Rank 26th in citations from 5,559 articles of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2013, Volume 48 (10)), Last data updates: 08 November 2013

27. **Ho, Y.S.** and McKay, G. (2004), Sorption of copper(II) from aqueous solution by peat. *Water Air and Soil Pollution*, **158** (1), 77-97.

Document type: Article	Language: English	Cited references: 68	Times cited: 33	Times self cited: 2
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Rank 9th in citations from 224 papers of *Water Air and Soil Pollution* (2004), rank 679th in citations from 8,738 papers of *Water Air and Soil Pollution* (from year 1975, Volume 4 (1) to year 2013, Volume 224 (9)), Last data updates: 08 November 2013

28. **Ho, Y.S.*** (2004), Pseudo-isotherms using a second order kinetic expression constant. *Adsorption-Journal of the International Adsorption Society*, **10** (2), 151-158.

Document type: Article	Language: English	Cited references: 20	Times cited: 42	Times self cited: 4
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Rank 3th in citations from 30 papers of *Adsorption-Journal of the International Adsorption Society* (2004); Rank 29th in citations from 1,086 papers of *Adsorption-Journal of the International Adsorption Society* (from year 1995, Volume 1 (3) to year 2013, Volume 19 (5)), Last data updates: 08 November 2013

29. **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: 109	Times self cited: 12
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ISI highly cited article

Rank 1st in citations from 128 papers of *Hydrometallurgy* (2004); Rank 11th in citations from 3,397 articles of *Hydrometallurgy* (from year 1977, Volume 2 (4) to year 2013, Volume 138), Last data updates: 08 November 2013

30. **Ho, Y.S.*** and Wang, C.C. (2004), Pseudo-isotherms for the sorption of cadmium ion onto tree fern. *Process Biochemistry*, **39** (6), 759-763.

Document type: Article	Language: English	Cited references: 17	Times cited: 59	Times self cited: 16
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Rank 14th in citations from 224 papers of *Process Biochemistry* (2004), rank 238th in citations from 5,559 articles of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2013, Volume 48 (10)), Last data updates: 08 November 2013

31. **Ho, Y.S.*** (2003), Removal of metal ions from sodium arsenate solution using tree fern. *Process Safety and Environmental Protection*, **81** (B5), 352-356.

Document type: Article	Language: English	Cited references: 15	Times cited: 12	Times self cited: 3
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Rank 12th in citations from 52 papers of *Process Safety and Environmental Protection* (2003), rank 138th in citations from 1,138 papers of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2013, Volume 91 (5)), Last data updates: 08 November 2013

32. **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: 180	Times self cited: 3
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Rank 2nd in citations from 174 papers of *Process Biochemistry* (2003); Rank 15th in citations from 5,559 articles of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2013, Volume 48 (10)), Last data updates: 08 November 2013

33. **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: 283	Times self cited: 19
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ISI highly cited article

Rank 5th in citations from 547 papers of *Water Research* (2003); Rank 62th in citations from 14,812 papers of *Water Research* (from year 1967, Volume 1 (1) to year 2013, Volume 47 (14)), Last data updates: 08 November 2013

Rank 9th/88 in *Water Research*; and rank 469th/3,122 in the world, in the field of Environment/Ecology. (Essential Science IndicatorsSM has been updated as of January 1, 2013 to cover a 10-year plus 10-month period, January 1, 2002-October 31, 2012.)

34. **Ho, Y.S.** and McKay, G. (2002), Application of kinetic models to the sorption of copper(II) on to peat. *Adsorption Science & Technology*, **20** (8), 797-815.

Document type: Article	Language: English	Cited references: 46	Times cited: 83	Times self cited: 0
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Rank 1st in citations from 85 papers of *Adsorption Science & Technology* (2002), rank 4th in citations from 1,275 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2013, Volume 31 (4)), Last data updates: 08 November 2013

35. **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: 308	Times self cited: 9
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Rank 1st in citations from 211 papers of *Water Air and Soil Pollution* (2002), rank 5th in citations from 8,738 papers of *Water Air and Soil Pollution* (from year 1975, Volume 4 (1) to year 2013, Volume 224 (9)), Last data updates: 08 November 2013

Rank 1st/4 in *Water Air and Soil Pollution* and rank 460th/3,122 in the world, in the field of Environment/Ecology. (Essential Science IndicatorsSM has been updated as of January 1, 2013 to cover a 10-year plus 10-month period, January 1, 2002-October 31, 2012.)

36. **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: 224	Times self cited: 18
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Rank 1st in citations from 211 papers of *Process Biochemistry* (2002); Rank 11th in citations from 5,559 articles of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2013, Volume 48 (10)), Last data updates: 08 November 2013

37. **Ho, Y.S.***, Chiang, C.C. and Hsu, Y.C. (2001), Sorption kinetics for dye removal from aqueous solution using activated clay. *Separation Science and Technology*, **36** (11), 2473-2488.

Document type: Article	Language: English	Cited references: 31	Times cited: 89	Times self cited: 14
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Rank 3rd in citations from 211 papers of *Separation Science and Technology* (2001), rank 47th in citations from 6,159 papers of *Separation Science and Technology* (from year 1978, Volume 13 (1) to year 2013, Volume 48 (17)), Last data updates: 08 November 2013

38. **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: 207	Times self cited: 15
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Rank 1st in citations from 28 papers of *Adsorption-Journal of the International Adsorption Society* (2001); **rank 1st** in citations from 1,086 papers of *Adsorption-Journal of the International Adsorption Society* (from year 1995, Volume 1 (3) to year 2013, Volume 19 (5)), Last data updates: 08 November 2013

Rank 1st/1 in *Adsorption-Journal of the International Adsorption Society* and rank 4,679th/12,681 in the world, in the field of Chemistry. (Essential Science IndicatorsSM has been updated as of March 1, 2012 to cover an 11-year period, January 1, 2001-December 31, 2011.)

39. **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: 164	Times self cited: 5
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Rank 2nd in citations from 211 papers of *Separation Science and Technology* (2001); rank 11th in citations from 6,159 papers of *Separation Science and Technology* (from year 1978, Volume 13 (1) to year 2013, Volume 48 (17)), Last data updates: 08 November 2013

40. **Ho, Y.S.** and McKay, G. (2000), Batch sorber design using equilibrium and contact time data for the removal of lead. *Water Air and Soil Pollution*, **124** (1-2), 141-153.

Document type: Article	Language: English	Cited references: 28	Times cited: 25	Times self cited: 1
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Rank 29th in citations from 226 papers of *Water Air and Soil Pollution* (2000); rank 1,103th in citations from 8,738 papers of *Water Air and Soil Pollution* (from year 1975, Volume 4 (1) to year 2013, Volume 224 (9)), Last data updates: 08 November 2013

41. **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: 189	Times self cited: 5
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Rank 1st in citations from 71 papers of *Adsorption Science & Technology* (2000); **rank 1st** in citations from 1,275 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2013, Volume 31 (4)), Last data updates: 08 November 2013

42. **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: 1010	Times self cited: 53
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Rank 1st in citations from 531 papers of *Water Research* (2000); Rank 4th in citations from 14,812 papers of *Water Research* (from year 1967, Volume 1 (1) to year 2013, Volume 47 (14)), Last data updates: 08 November 2013

Rank 10th in citations from 146,139 articles in the Web of Science environmental engineering field. Last data updates: 20 November 2013

Rank 11th in citations from 176,235 articles in the Web of Science water resources field. Last data updates: 20 November 2013

Rank 28th in citations from 520,159 articles in the Web of Science environmental sciences field. Last data updates: 20 November 2013

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 IndicatorsSM has been updated as of March 1, 2011 to cover an 11-year period, January 1, 2000-December 31, 2010.)

43. **Ho, Y.S.** and McKay, G. (2000), Correlative biosorption equilibria model for a binary batch system. *Chemical Engineering Science*, **55** (4), 817-825.

Document type: Article	Language: English	Cited references: 19	Times cited: 30	Times self cited: 2
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Rank 120th in citations from 534 papers of *Chemical Engineering Science* (2000), Last data updates: 08 November 2013

44. **Ho, Y.S.** and McKay, G. (1999), Competitive sorption of copper and nickel ions from aqueous solution using peat. *Adsorption-Journal of the International Adsorption Society*, **5** (4), 409-417.

Document type: Article	Language: English	Cited references: 39	Times cited: 68	Times self cited: 0
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Rank 2nd in citations from 40 papers of *Adsorption-Journal of the International Adsorption Society* (1999), rank 9th in citations from 1,086 papers of *Adsorption-Journal of the International Adsorption Society* (from year 1995, Volume 1 (3) to year 2013, Volume 19 (5)), Last data updates: 08 November 2013

45. **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: 2581	Times self cited: 39
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Rank 1st in citations from 168 papers of *Process Biochemistry* (1999); **rank 1st** in citations from 5,559 articles of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2013, Volume 48 (10)), Last data updates: 08 November 2013

Rank 7th in citations from 515,322 articles in the Web of Science chemical engineering field. Last data updates: 20 November 2013

Rank top one in 2008 (203 times), 2009 (311 times), 2010 (320 times), 2011 (427 times), and 2012 (439 times) in the Web of Science chemical engineering field. SCI updated 20 November 2013
Rank 7th in citations from 325,570 adsorption related articles in SCI-Expanded since 1900, Last data updates: 20 November 2013

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 IndicatorsSM has been updated as of March 1, 2010 to cover an 11-year period, January 1, 1999-December 31, 2009.)

46. **Ho, Y.S.** and McKay, G. (1999), A multi-stage batch sorption design with experimental data. *Adsorption Science & Technology*, **17** (4), 233-243.

Document type: Article	Language: English	Cited references: 41	Times cited: 24	Times self cited: 12
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Rank 2nd in citations from 72 papers of *Adsorption Science & Technology* (1999), rank 23th in citations from 1,275 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2013, Volume 31 (4)), Last data updates: 08 November 2013

47. **Ho, Y.S.** and McKay, G. (1999), Batch lead(II) removal from aqueous solution by peat: Equilibrium and kinetics. *Process Safety and Environmental Protection*, **77** (B3), 165-173.

Document type: Article	Language: English	Cited references: 49	Times cited: 50	Times self cited: 6
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Rank 2nd in citations from 49 papers of *Process Safety and Environmental Protection* (1999); Rank 8th in citations from 1,138 papers of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2013, Volume 91 (5)), Last data updates: 08 November 2013

48. **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: 154	Times self cited: 17
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Rank 1st in citations from 118 papers of *Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering* (1999); rank 2nd in citations from 3,041 papers of *Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering* (from year 1979, Volume 14 (7) to year 2013, Volume 49 (1)), Last data updates: 08 November 2013

49. **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: 155	Times self cited: 22
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Rank 2nd in citations from 60 papers of *Resources, Conservation and Recycling* (1999), rank 5th in citations from 1,890 papers of *Resources, Conservation and Recycling* (from year 1989, Volume 3 (1) to year 2013, Volume 79 (1-3)), Last data updates: 08 November 2013

50. **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: 489	Times self cited: 10
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Rank 2nd in citations from 455 papers of *Water Research* (1999); Rank 15th in citations from 14,812 papers of *Water Research* (from year 1967, Volume 1 (1) to year 2013, Volume 47 (14)), Last data updates: 08 November 2013

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.)

51. **Ho, Y.S.** and McKay, G. (1998), A two-stage batch sorption optimised design for dye removal to minimum contact time. *Process Safety and Environmental Protection*, **76** (B4), 313-318.

Document type: Article	Language: English	Cited references: 12	Times cited: 45	Times self cited: 12
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Rank 4th in citations from 41 papers of *Process Safety and Environmental Protection* (1998); Rank 9th in citations from 1,138 papers of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2013, Volume 91 (5)), Last data updates: 08 November 2013

52. **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: 304	Times self cited: 28
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Rank 2nd in citations from 41 papers of *Process Safety and Environmental Protection* (1998); **rank 2nd** in citations from 1,138 papers of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2013, Volume 91 (5)), Last data updates: 08 November 2013

53. **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: 234	Times self cited: 22
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Rank 1st in citations from 148 papers of *Canadian Journal of Chemical Engineering* (1998); rank 8th in citations from 6,788 papers of *Canadian Journal of Chemical Engineering* (from year 1964, Volume 42 (1) to year 2013, Volume 91 (5)), Last data updates: 10 May 2013

54. **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: 103	Times self cited: 15
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Rank 1st in citations from 72 papers of *Adsorption Science & Technology* (1998); **rank 2nd** in citations from 1,275 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2013, Volume 31 (4)), Last data updates: 08 November 2013

55. **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: 1002	Times self cited: 57
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Rank 1st in citations from 74 papers of *Chemical Engineering Journal* (1998); **rank 1st** in citations from 6,871 papers of *Chemical Engineering Journal* (from year 1996, Volume 63 (1) to year 2013, Volume 230), Last data updates: 08 November 2013

Rank 31th in citations from 513,982 articles in the Web of Science chemical engineering field. Last data updates: 08 November 2013

Rank 38th in citations from 325,570 adsorption related articles in SCI-Expanded since 1900, Last data updates: 08 November 2013

Rank 1st in *Chemical Engineering Journal*; and rank 3rd in Hong Kong University of Science and Technology, rank 13rd in China, and rank 862th 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.)

56. **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: 328	Times self cited: 30
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Rank 1st in citations from 41 papers of *Process Safety and Environmental Protection* (1998); **rank 1nd** in citations from 1,138 papers of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2013, Volume 91 (5)), Last data updates: 08 November 2013

57. **Ho, Y.S.**, Wase, D.A.J. and Forster, C.F. (1996), Removal of lead ions from aqueous-solution using sphagnum moss peat as adsorbent. *Water SA*, **22** (3), 219-224.

Document type: Article	Language: English	Cited references: 28	Times cited: 41	Times self cited: 6
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Rank 3rd in citations from 46 papers of *Water SA* (1996); Rank 47th in citations from 2,025 papers of *Water SA* (from year 1977, Volume 3 (1) to year 2013, Volume 39 (4)), Last data updates: 08 November 2013

58. **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: 275	Times self cited: 42
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Rank 1st in citations from 153 papers of *Environmental Technology* (1996); **rank 1st** in citations from 3,720 papers of *Environmental Technology* (from year 1990, Volume 11 (1) to year 2013, Volume 34 (13-14)), Last data updates: 08 November 2013

59. **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: 213	Times self cited: 17
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Rank 2nd in citations from 375 papers of *Water Research* (1995); Rank 132th in citations from 14,812 papers of *Water Research* (from year 1967, Volume 1 (1) to year 2013, Volume 47 (14)), Last data updates: 08 November 2013

60. **Ho, Y.S.**, Wase, D.A.J. and Forster, C.F. (1994), The adsorption of divalent copper ions from aqueous solution by sphagnum moss peat. *Process Safety and Environmental Protection*, **72** (B3), 185-194.

Document type: Article	Language: English	Cited references: 22	Times cited: 36	Times self cited: 8
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Rank 1st in citations from 37 papers of *Process Safety and Environmental Protection* (1994), rank 13th in citations from 1,138 papers of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2013, Volume 91 (5)), Last data updates: 08 November 2013

First or Corresponding Author, Review Papers

61. **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: 481	Times self cited: 22
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Rank 1st in citations from 766 papers of *Journal of Hazardous Materials* (2006), rank 4th in citations from 12,984 papers of *Journal of Hazardous Materials* (from year 1977, Volume 2 (1) to year 2013, Volume 260), Last data updates: 08 November 2013

Rank 5th/566 in *Journal of Hazardous Materials* and rank 113th/9,400 in the world, in the field of Engineering. (Essential Science IndicatorsSM has been updated as of January 1, 2013 to cover a 10-year plus 10-month period, January 1, 2002-October 31, 2012.)

62. **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: 338	Times self cited: 30
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ISI highly cited article

Rank 1st in citations from 101 papers of *Scientometrics* (2004), rank 2nd in citations from 3,614 papers of *Scientometrics* (from year 1979, Volume 1 (2) to year 2013, Volume 97 (2)), Last data updates: 08 November 2013

Rank 1st/41 in *Scientometrics* and rank 71th/5,198 in the world, in the field of General Social Sciences. (Essential Science IndicatorsSM has been updated as of January 1, 2013 to cover a 10-year plus 10-month period, January 1, 2002-October 31, 2012.)

63. **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: 310	Times self cited: 4
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Rank 1st in citations from 11 papers of *Separation and Purification Methods* (2000), rank 2nd in citations from 188 papers of *Separation and Purification Methods* (from year 1972, Volume 1 (2) to year 2002, Volume 31 (2)), Last data updates: 04 July 2012

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

First or Corresponding Author, Letter Papers

64. **Ho, Y.S.*** (2014), The real pseudo-second-order rate equation. *Industrial Crops and Products*, **52**, 17.

Document type: Letter	Language: English	Cited references: 6	Times cited: 0	Times self cited: 0
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65. **Ho, Y.S.*** (2013), Using of “pseudo-second-order model” in adsorption. *Environmental Science and Pollution Research*, (in press).

Document type: Letter	Language: English	Cited references: 13	Times cited: 0	Times self cited: 0
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Full Text

66. **Ho, Y.S.*** (2013), Comments on “Removal of zirconium(IV) from aqueous solution by *Coriolus versicolor*: Equilibrium and thermodynamic study”. *Ecological Engineering*, **58**, 1-2.

Document type: Letter	Language: English	Cited references: 9	Times cited: 0	Times self cited: 0
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67. **Ho, Y.S.*** (2013), Comment on “Microwave synthesized xanthan gum-g-poly(ethylacrylate): An efficient Pb²⁺ ion binder” by Sadanand Pandey and Shivani B. Mishra. *Carbohydrate Polymers*, **95** (1), 508.

Document type: Letter	Language: English	Cited references: 8	Times cited: 0	Times self cited: 0
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68. **Ho, Y.S.*** (2012), Comment on “Biosorption of Cr(VI) from aqueous solutions onto *Hydrilla verticillata* weed: Equilibrium, kinetics and thermodynamic studies”. *Environmental Engineering and Management Journal*, **11** (1), 231-232.

Document type: Letter	Language: English	Cited references: 14	Times cited: 0	Times self cited: 0
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69. **Ho, Y.S.*** (2012), Comments on “3-aminopropyltriethoxysilane functionalized nanoscale zero-valent iron for the removal of dyes from aqueous solution”. *Polish Journal of Chemical Technology*, **13** (4), 89.

Document type: Letter	Language: English	Cited references: 5	Times cited: 0	Times self cited: 0
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70. **Ho, Y.S.*** (2011), Comments on “recognition of molecularly imprinted polymers for a quaternary alkaloid of berberine”. *Talanta*, **87** (15), 311.

Document type: Letter	Language: English	Cited references: 9	Times cited: 0	Times self cited: 0
71. Ho, Y.S.* (2011), Comment on “comparison of two-stage sorption design models for the removal of lead ions by polyvinyl-modified Kaolinite clay”. <i>Journal of Hazardous Materials</i> , 198 (1), 387.				
Document type: Letter	Language: English	Cited references: 9	Times cited: 0	Times self cited: 0
72. Ho, Y.S.* (2011), Untitled. <i>Adsorption Science & Technology</i> , 28 (5), 465.				
Document type: Letter	Language: English	Cited references: 6	Times cited: 0	Times self cited: 0
73. Ho, Y.S.* (2010), Comment on “Acid Green 25 removal from wastewater by organo-bentonite from Pacitan” by R. Koswojo, R.P. Utomo, Y.-H. Ju, A. Ayucitra, F.E. Soetaredjo, J. Sunarso, S. Ismadji [Applied Clay Science 48 (2010) 81-86]. <i>Applied Clay Science</i> , 50 (1-2), 164.				
Document type: Letter	Language: English	Cited references: 10	Times cited: 1	Times self cited: 0
74. Ho, Y.S.* (2010), Comments on using of “initial adsorption rate” [J. Hazard. Mater. 173]. <i>Journal of Hazardous Materials</i> , 179 (1-3), 1165.				
Document type: Letter	Language: English	Cited references: 8	Times cited: 0	Times self cited: 0
75. Ho, Y.S.* (2010), Comments on “Removal and recovery of Cu(II) and Zn(II) using immobilized <i>Mentha arvensis</i> distillation waste biomass”. <i>Ecological Engineering</i> , 36 (6), 832.				
Document type: Letter	Language: English	Cited references: 7	Times cited: 0	Times self cited: 0
76. Ho, Y.S.* (2010), Comments on “Effect of pH, ionic strength and temperature on the sorption of radionickel on Na-montmorillonite”. <i>Applied Radiation and Isotopes</i> , 68 (3), 466.				
Document type: Letter	Language: English	Cited references: 12	Times cited: 1	Times self cited: 0
77. Ho, Y.S.* (2009), Comments on “Kinetics of naphthalene adsorption on an activated carbon: Comparison between aqueous and organic media” by B. Cabal et al. [Chemosphere 76 (4) (2009) 433–438]. <i>Chemosphere</i> , 77 (10), 1453.				
Document type: Letter	Language: English	Cited references: 7	Times cited: 2	Times self cited: 0
78. Ho, Y.S.* (2009), Comments on “Adsorption of Ga(III) on oxidized coir”. <i>Industrial & Engineering Chemistry Research</i> , 48 (12), 5920.				
Document type: Letter	Language: English	Cited references: 6	Times cited: 0	Times self cited: 0
79. Ho, Y.S.* (2009), Comment on “Thermodynamics and kinetics of adsorption of Cu(II) onto waste iron oxide”. <i>Journal of Hazardous Materials</i> , 162 (1), 539.				
Document type: Letter	Language: English	Cited references: 11	Times cited: 1	Times self cited: 0
80. Ho, Y.S.* (2008), Comments on “Sol-gel-immobilized recombinant E. coli for biosorption of Cd ²⁺ ”. <i>Journal of the Chinese Institute of Chemical Engineers</i> , 39 (5), 539.				
Document type: Letter	Language: English	Cited references: 7	Times cited: 0	Times self cited: 0
81. Ho, Y.S.* (2007), Comments on “An adsorption and kinetic study of lac dyeing on silk”. <i>Dyes and Pigments</i> , 72 (1), 134-136.				
Document type: Letter	Language: English	Cited references: 38	Times cited: 3	Times self cited: 0
82. Ho, Y.S.* (2006), Comment on “Remediation of soil contaminated with the heavy metal (Cd ²⁺)”. <i>Journal of Hazardous Materials</i> , 134 (1-3), 41-42.				
Document type: Letter	Language: English	Cited references: 13	Times cited: 2	Times self cited: 0
83. Ho, Y.S.* (2006), Comment on “Equilibrium and kinetics studies of adsorption of copper(II) on chitosan and chitosan/PVA beads”. <i>International Journal of Biological Macromolecules</i> , 38 (2), 148-149.				
Document type: Letter	Language: English	Cited references: 17	Times cited: 1	Times self cited: 0
84. Ho, Y.S.* (2005), Comments on “Study on biosorption of Cr(VI) by <i>Mucor hiemalis</i> ”.				

Biochemical Engineering Journal, **26** (1), 82-83.

Document type: Letter	Language: English	Cited references: 15	Times cited: 4	Times self cited: 1
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85. **Ho, Y.S.*** (2005), Comments on “Efficiency of membrane-sorption integrated processes”.

Journal of Membrane Science, **263** (1-2), 160-161.

Document type: Letter	Language: English	Cited references: 14	Times cited: 3	Times self cited: 1
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86. **Ho, Y.S.*** (2005), Comment on “Selective adsorption of tannins onto hide collagen fibres”.

Science in China Series B-Chemistry, **48** (2), 176.

Document type: Letter	Language: English	Cited references: 9	Times cited: 6	Times self cited: 3
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87. **Ho, Y.S.*** (2005), Comment on “Biosorption of cadmium using the fungus *Aspergillus niger*”.

by Barros, L.M., Macedo, G.R., Duarte, M.M.L., Silva, E.R and Lobato, A.K.C.L. *Brazilian Journal of Chemical Engineering*, **22** (2), 319-322.

Document type: Letter	Language: English	Cited references: 42	Times cited: 1	Times self cited: 0
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88. **Ho, Y.S.*** (2005), Comment on “Two-stage batch sorber design using second-order kinetic model for the sorption of metal complex dyes onto pine sawdust” by Özacar, M. and Şengül, İ.A. *Biochemical Engineering Journal*, **23** (3), 291-292.

Document type: Letter	Language: English	Cited references: 34	Times cited: 3	Times self cited: 1
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89. **Ho, Y.S.*** (2005), Comment on “Adsorption of naphthalene on zeolite from aqueous solution” by C.F. Chang, C.Y. Chang, K.H. Chen, W.T. Tsai, J.L. Shie, Y.H. Chen. *Journal of Colloid and Interface Science*, **283** (1), 274-277.

Document type: Letter	Language: English	Cited references: 85	Times cited: 8	Times self cited: 5
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90. **Ho, Y.S.*** (2004), Comment on “An evaluation of copper biosorption by a brown seaweed under optimized conditions” by Antunes, W.M., Luna, A.S., Henriques, C.A. and da Costa, A.C.A. *Electronic Journal of Biotechnology*, **7** (2).

Document type: Letter	Language: English	Cited references: 83	Times cited: 0	Times self cited: 0
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91. **Ho, Y.S.*** (2004), Comments on “Collagen-fiber-immobilized tannins and their adsorption of Au(III)”. *Industrial & Engineering Chemistry Research*, **43** (19), 6265.

Document type: Letter	Language: English	Cited references: 11	Times cited: 5	Times self cited: 3
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92. **Ho, Y.S.*** (2004), Selection of optimum sorption isotherm. *Carbon*, **42** (10), 2115-2116.

Document type: Letter	Language: English	Cited references: 6	Times cited: 135	Times self cited: 14
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Rank 11th in citations from 487 papers of Carbon (2004); rank 10th in citations from 1,448 letters of Carbon (from year 1963, Volume 1 (1) to year 2012, Volume 50 (4)), Last data updates: 06 July 2012

93. **Ho, Y.S.*** (2004), Comment on “Removal of copper from aqueous solution by aminated and protonated mesoporous aluminas: Kinetics and equilibrium,” by S. Rengaraj, Y. Kim, C.K. Joo, and J. Yi. *Journal of Colloid and Interface Science*, **276** (1), 255-258.

Document type: Letter	Language: English	Cited references: 83	Times cited: 13	Times self cited: 8
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94. **Ho, Y.S.*** (2004), Comment on “Arsenic removal using mesoporous alumina prepared via a templating method”. *Environmental Science & Technology*, **38** (11), 3214-3215.

Document type: Letter	Language: English	Cited references: 64	Times cited: 13	Times self cited: 8
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95. **Ho, Y.S.*** (2004), “Kinetic modeling and equilibrium studies during cadmium biosorption by dead *Sargassum* sp biomass” by Cruz, C.C.V., da Costa, A.C.A., Henriques, C.A., Luna, A.S. *Bioresource Technology*, **93** (3), 321-323.

Document type: Letter	Language: English	Cited references: 42	Times cited: 15	Times self cited: 10
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96. **Ho, Y.S.***, Bulut, Y. and Tez, Z. (2004), Comment on “Removal of heavy metal ions by

modified sawdust of walnut” by Bulut, Y. and Tez, Z. *Fresenius Environmental Bulletin*, **13** (4), 370-373.

Document type: Letter	Language: English	Cited references: 66	Times cited: 5	Times self cited: 5
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97. **Ho, Y.S.*** (2004), Comment on “An alternative Avrami equation to evaluate kinetic parameters of the interaction of Hg(II) with thin chitosan membranes,” by E.C.N. Lopes, F.S.C. dos Anjos, E.F.S. Vieira, and A.R. Cestari. *Journal of Colloid and Interface Science*, **272** (1), 249-250.

Document type: Letter	Language: English	Cited references: 21	Times cited: 12	Times self cited: 9
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98. **Ho, Y.S.*** (2003), Comment on “Adsorption of fluoride, phosphate, and arsenate ions on a new type of ion exchange fiber,” by R.X. Liu, J.L. Guo, and H.X. Tang. *Journal of Colloid and Interface Science*, **262** (1), 307-308.

Document type: Letter	Language: English	Cited references: 28	Times cited: 18	Times self cited: 8
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99. **Ho, Y.S.*** (2003), Letter to the editor. *Journal of Chemical Technology and Biotechnology*, **78** (6), 724.

Document type: Letter	Language: English	Cited references: 4	Times cited: 9	Times self cited: 9
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100. **Ho, Y.S.*** and McKay, G. (1999), Comment on “The sorption of lead(II) ions on peat” by Y.S. Ho and G. McKay, *Water Research* 33 (2), 578-584 (1999) – Authors’ reply. *Water Research*, **33** (16), 3544.

Document type: Letter	Language: English	Cited references: 0	Times cited: 1	Times self cited: 0
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First or Corresponding Author, Editorial Material Papers

101. **Ho, Y.S.*** (2012), Comments on “chemistry of pyrolysis and kinetic studies of shea nut (*Vitellaria paradoxa*) shells activated carbon for textile wastewater treatment”. *Iranian Journal of Chemistry & Chemical Engineering-International English Edition*, **31** (1), 53-54.

Document type: Editorial Material	Language: English	Cited references: 10	Times cited: 0	Times self cited: 0
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102. **Ho, Y.S.*** (2011), Comment on “Adsorption mechanism of selenate and selenite on the binary oxide systems” by Y.T. Chan et al. [*Water Research* 43 (2009) 4412-4420]. *Water Research*, **45** (7), 2437.

Document type: Editorial Material	Language: English	Cited references: 6	Times cited: 0	Times self cited: 0
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103. **Ho, Y.S.*** (2011), Comments on the paper “Sorption of radionickel to goethite: Effect of water quality parameters and temperature” by Hu et al. *Journal of Radioanalytical and Nuclear Chemistry*, **287** (3), 987.

Document type: Editorial Material	Language: English	Cited references: 14	Times cited: 0	Times self cited: 0
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104. **Ho, Y.S.*** (2010), Comments on “adsorption performance of nickel and cadmium ions onto brewer’s yeast”. *Canadian Journal of Chemical Engineering*, **88** (4), 693-694.

Document type: Editorial Material	Language: English	Cited references: 10	Times cited: 0	Times self cited: 0
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105. **Ho, Y.S.*** (2010), Comments on “Preparation and application of 4-amino-4’-nitro azobenzene modified chitosan as a selective adsorbent for the determination of Au(III) and Pd(II)”. *Microchimica Acta*, **170** (1-2), 187.

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Document type: Editorial Material	Language: English	Cited references: 12	Times cited: 1	Times self cited: 0
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Document type: Editorial Material	Language: English	Cited references: 8	Times cited: 1	Times self cited: 0
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Document type: Editorial Material	Language: English	Cited references: 30	Times cited: 1	Times self cited: 1
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Document type: Editorial Material	Language: English	Cited references: 37	Times cited: 17	Times self cited: 8
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Document type: Editorial Material	Language: English	Cited references: 33	Times cited: 11	Times self cited: 9
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115. **Ho, Y.S.*** (2002), Comment on “Removal of Ni²⁺ and Cu²⁺ ions from aqueous solutions on to lignite-based carbons”, by S.E. Samra. *Adsorption Science & Technology*, **20** (2), 199-201.

Document type: Editorial Material	Language: English	Cited references: 27	Times cited: 17	Times self cited: 9
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Document type: Correction	Language: English	Cited references: 3	Times cited: 0	Times self cited: 0
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117. Hasan, S.H., Singh, K.K., Prakash, O., Talat, M. and **Ho, Y.S.** (2008), Removal of Cr(VI) from aqueous solutions using agricultural waste ‘maize bran’. *Journal of Hazardous Materials*, **152** (1), 356-365.

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118. Harouna-Oumarou, H.A., Fauduet, H., Porte, C. and **Ho, Y.S.** (2007), Comparison of kinetic models for the aqueous solid-liquid extraction of *Tilia* sapwood in a continuous stirred tank reactor. *Chemical Engineering Communications*, **194** (4), 537-552.

Document type: Article	Language: English	Cited references: 32	Times cited: 1	Times self cited: 1
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119. Wen, D., **Ho, Y.S.**, Xie, S. and Tang, X. (2006), Mechanism of the adsorption of ammonium ions from aqueous solution by a Chinese natural zeolite. *Separation Science and Technology*, **41** (15), 3485-3498.

Document type: Article	Language: English	Cited references: 25	Times cited: 3	Times self cited: 1
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120. Wen, D., **Ho, Y.S.** and Tang, X. (2006), Comparative sorption kinetic studies of ammonium onto zeolite. *Journal of Hazardous Materials*, **133** (1-3), 252-256.

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121. Taty-Costodes, V.C., Fauduet, H., Porte, C. and **Ho, Y.S.** (2005), Removal of lead(II) ions from synthetic and real effluents using immobilized *Pinus sylvestris* sawdust: Adsorption on a fixed-bed column. *Journal of Hazardous Materials*, **123** (1-3), 135-144.

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Document type: Review	Language: English	Cited references: 151	Times cited: 125	Times self cited: 6
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Rank 6th/7 in *Separation and Purification Methods*; and rank 137th/910 in China, and rank 2,161st/8,018 in the world, in the field of Engineering. (Essential Science IndicatorsSM has been updated as of March 1, 2010 to cover an 11-year period, January 1, 1999-December 31, 2009.)

PUBLICATIONS RELATED TO BIBLIOMETRICS

Last data updates: 20 August 2013

Scientific Papers (SCI or SSCI)

Last data updates: 06 December 2013

Document type	In press	h index	Publication	FA	CA	Times cited	Times self cited	CPP	CPP _{ex}
Article	7	14	55	6	41	610	240	11.1	6.73
Review	0		6	0	5	78	23	13.0	9.17
Letter	0		2	1	1	0	0	0	0
Editorial material	0		2	1	2	0	0	0	0
Meeting abstract	0		2	0	2	0	0	0	0
Proceedings paper	0		5 (2 articles)	0	0	103	6	34.3	32.3
Total	7	15	68	8	51	791	269	11.6	7.68

FA: Publication with first author

CA: Publication with corresponding author

CPP: Citation per publication

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

First or Corresponding Author, Article Papers

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125. Fu, H.Z. and **Ho, Y.S.*** (2013), Top cited articles in adsorption research using Y-index. *Research Evaluation*, (in press).

Document type: Article	Language: English	Cited references: 76	Times cited: 0	Times self cited: 0
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126. Tan, J., Fu, H.Z. and **Ho, Y.S.*** (2013), A bibliometric analysis of research on proteomics in *Science Citation Index Expanded*. *Scientometrics*, (in press).

Document type: Article	Language: English	Cited references: 109	Times cited: 0	Times self cited: 0
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127. **Ho, Y.S.*** and Kahn, M. (2013), A bibliometric study of highly cited reviews in the Science Citation Index ExpandedTM. *Journal of the American Society for Information Science and Technology*, (in press).

Document type: Article	Language: English	Cited references: 104	Times cited: 0	Times self cited: 0
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128. Fu, H.Z., Long, X. and **Ho, Y.S.*** (2013), China's research in chemical engineering journals in Science Citation Index Expanded: A bibliometric analysis. *Scientometrics*, (in press).

Document type: Article	Language: English	Cited references: 49	Times cited: 0	Times self cited: 0
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129. **Ho, Y.S.*** (2013), Classic articles on social work field in Social Science Citation Index: A bibliometric analysis. *Scientometrics*, (in press).

Document type: Article	Language: English	Cited references: 87	Times cited: 0	Times self cited: 0
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130. Ma, J.P., Fu, H.Z. and **Ho, Y.S.*** (2013), The top-cited wetland articles in Science Citation Index Expanded: Characteristics and hotspots. *Environmental Earth Sciences*, **70** (3), 1039-1046.

Document type: Article	Language: English	Cited references: 59	Times cited: 0	Times self cited: 0
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Document type: Article	Language: English	Cited references: 72	Times cited: 0	Times self cited: 0
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132. Chuang, K.Y., Wang, M.H. and **Ho, Y.S.*** (2013), High-impact papers published in journals listed in the field of chemical engineering. *Malaysian Journal of Library & Information Science*, **18** (2), 47-63.

Document type: Article	Language: English	Cited references: 32	Times cited: 0	Times self cited: 0
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133. **Ho, Y.S.*** (2013), The top-cited research works in the Science Citation Index Expanded. *Scientometrics*, **94** (3), 1297-1312.

Document type: Article	Language: English	Cited references: 69	Times cited: 0	Times self cited: 0
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134. Fu, H.Z., Wang, M.H. and **Ho, Y.S.*** (2013), Mapping of drinking water research: A bibliometric analysis of research output during 1992-2011. *Science of the Total Environment*, **443**, 757-765.

Document type: Article	Language: English	Cited references: 88	Times cited: 0	Times self cited: 0
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135. Fu, H.Z. and **Ho, Y.S.*** (2013), Independent research of China in Science Citation Index Expanded during 1980-2011. *Journal of Informetrics*, **7** (1), 210-222.

Document type: Article	Language: English	Cited references: 76	Times cited: 0	Times self cited: 0
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136. **Ho, Y.S.**, Nakazawa, K., Sato, S., Tamura, T., Kurishima, K. and Satoh, H. (2013), Cisplatin

for small cell lung cancer: Associated publications in Science Citation Index Expanded. *Oncology Letters*, **5** (2), 684-688.

Document type: Article	Language: English	Cited references: 40	Times cited: 0	Times self cited: 0
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137. Monge-Nájera, J. and **Ho, Y.S.*** (2012), Costa Rica publications in the Science Citation Index Expanded: A bibliometric analysis for 1981-2010. *Revista de Biología Tropical*, **60** (4), 1649-1661.

Document type: Article	Language: English	Cited references: 27	Times cited: 2	Times self cited: 1
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138. Khan, M.A. and **Ho, Y.S.*** (2012), Top-cited articles in environmental sciences: Merits and demerits of citation analysis. *Science of the Total Environment*, **431**, 122-127.

Document type: Article	Language: English	Cited references: 41	Times cited: 0	Times self cited: 0
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Document type: Article	Language: English	Cited references: 49	Times cited: 5	Times self cited: 3
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140. **Ho, Y.S.*** (2012), Top-cited articles in chemical engineering in Science Citation Index Expanded: A bibliometric analysis. *Chinese Journal of Chemical Engineering*, **20** (3), 478-488.

Document type: Article	Language: English	Cited references: 69	Times cited: 3	Times self cited: 3
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141. Yu, J.J., Wang, M.H., Xu, M. and **Ho, Y.S.*** (2012), A bibliometric analysis of research papers published on photosynthesis: 1992-2009. *Photosynthetica*, **51** (1), 5-14.

Document type: Article	Language: English	Cited references: 66	Times cited: 1	Times self cited: 0
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142. Chuang, K.Y., Olaiya, M.U. and **Ho, Y.S.*** (2012), Bibliometric analysis of the *Polish Journal of Environmental Studies* (2000-11). *Polish Journal of Environmental Studies*, **21** (5), 1175-1183.

Document type: Article	Language: English	Cited references: 36	Times cited: 1	Times self cited: 1
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143. Zhang, J., Wang, M.H. and **Ho, Y.S.*** (2012), Bibliometric analysis of aerosol research in meteorology and atmospheric sciences. *International Journal of Environment and Pollution*, **49** (1-2), 16-35.

Document type: Article	Language: English	Cited references: 52	Times cited: 1	Times self cited: 0
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144. Sun, J.S., Wang, M.H. and **Ho, Y.S.*** (2012), A historical review and bibliometric analysis of research on estuary pollution. *Marine Pollution Bulletin*, **64** (1), 13-21.

Document type: Article	Language: English	Cited references: 84	Times cited: 3	Times self cited: 0
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145. Fu, H.Z., Chuang, K.Y., Wang, M.H. and **Ho, Y.S.*** (2011), Characteristics of research in China assessed with Essential Science Indicators. *Scientometrics*, **88** (3), 841-862.

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146. Wang, M.H., Fu, H.Z. and **Ho, Y.S.*** (2011), Comparison of universities' scientific performance using bibliometric indicators. *Malaysian Journal of Library & Information Science*, **16** (2), 1-19.

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147. Chuang, K.Y., Wang, M.H. and **Ho, Y.S.*** (2011), High-impact papers presented in the subject category of water resources in the Essential Science Indicators database of the Institute for Scientific Information. *Scientometrics*, **87** (3), 551-562.

Document type: Article	Language: English	Cited references: 43	Times cited: 6	Times self cited: 6
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Document type: Article	Language: English	Cited references: 21	Times cited: 0	Times self cited: 0
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149. Li, J.F., Wang, M.H. and **Ho, Y.S.*** (2011), Trends in research on global climate change: A Science Citation Index Expanded-based analysis. *Global and Planetary Change*, **77** (1-2), 13-20.

Document type: Article	Language: English	Cited references: 79	Times cited: 12	Times self cited: 5
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150. Wang, M.H., Li, J.F. and **Ho, Y.S.*** (2011), Research articles published in water resources journals: A bibliometric analysis. *Desalination and Water Treatment*, **28** (1-3), 353-365.

Document type: Article	Language: English	Cited references: 71	Times cited: 10	Times self cited: 7
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151. Suk, F.M., Lien, G.S., Yu, T.C. and **Ho, Y.S.*** (2011), Global trends in *Helicobacter pylori* research from 1991 to 2008 analyzed with the Science Citation Index Expanded. *European Journal of Gastroenterology & Hepatology*, **23** (4), 295-301.

Document type: Article	Language: English	Cited references: 26	Times cited: 8	Times self cited: 3
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152. Huang, C.Y. and **Ho, Y.S.*** (2011), Historical research on corporate governance: A bibliometric analysis. *African Journal of Business Management*, **5** (2), 276-284.

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153. Tanaka, H. and **Ho, Y.S.*** (2011), Global trends and performances of desalination research. *Desalination and Water Treatment*, **25** (1-3), 1-12.

Document type: Article	Language: English	Cited references: 76	Times cited: 9	Times self cited: 5
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Document type: Article	Language: English	Cited references: 26	Times cited: 1	Times self cited: 1
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155. Wang, M.H., Yu, T.C. and **Ho, Y.S.*** (2010), A bibliometric analysis of the performance of *Water Research*. *Scientometrics*, **84** (3), 813-820.

Document type: Article	Language: English	Cited references: 8	Times cited: 11	Times self cited: 6
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156. Zhang, G.F., Xie, S.D. and **Ho, Y.S.*** (2010), A bibliometric analysis of world volatile organic compounds research trends. *Scientometrics*, **83** (2), 477-492.

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Document type: Article	Language: English	Cited references: 25	Times cited: 16	Times self cited: 11
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Document type: Article	Language: English	Cited references: 55	Times cited: 34	Times self cited: 15
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162. Xie, S.D., Zhang, J. and **Ho, Y.S.*** (2008), Assessment of world aerosol research trends by bibliometric analysis. *Scientometrics*, **77** (1), 113-130.

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Document type: Article	Language: English	Cited references: 13	Times cited: 7	Times self cited: 0
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164. Li, Z. and **Ho, Y.S.*** (2008), Use of citation per publication as an indicator to evaluate contingent valuation research. *Scientometrics*, **75** (1), 97-110.

Document type: Article	Language: English	Cited references: 21	Times cited: 22	Times self cited: 18
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165. **Ho, Y.S.*** (2008), Bibliometric analysis of biosorption technology in water treatment research from 1991 to 2004. *International Journal of Environment and Pollution*, **34** (1-4), 1-13.

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166. Chiu, W.T. and **Ho, Y.S.*** (2007), Bibliometric analysis of tsunami research. *Scientometrics*, **73** (1), 3-17.

Document type: Article	Language: English	Cited references: 10	Times cited: 66	Times self cited: 23
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Document type: Article	Language: English	Cited references: 12	Times cited: 34	Times self cited: 18
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168. Chen, S.R., Chiu, W.T. and **Ho, Y.S.*** (2005), Asthma in children: Mapping the literature by bibliometric analysis. *Revue Française d'Allergologie et d'Immunologie Clinique*, **45** (6), 442-446.

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Document type: Article	Language: English	Cited references: 15	Times cited: 35	Times self cited: 21
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Document type: Article	Language: English	Cited references: 11	Times cited: 21	Times self cited: 5
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171. Hsieh, W.H., Chiu, W.T., Lee, Y.S. and **Ho, Y.S.*** (2004), Bibliometric analysis of patent ductus arteriosus treatments. *Scientometrics*, **60** (2), 205-215.

Document type: Article	Language: English	Cited references: 13	Times cited: 2	Times self cited: 1
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First or Corresponding Author, Review Papers

173. Lin, H.W., Yu, T.C. and **Ho, Y.S.*** (2011), A systemic review of the human papillomavirus studies: Global publication comparison and research trend analyses from 1993 to 2008.

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Document type: Review	Language: English	Cited references: 28	Times cited: 2	Times self cited: 2
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Document type: Review	Language: English	Cited references: 59	Times cited: 23	Times self cited: 4
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175. Khan, M.A. and **Ho, Y.S.*** (2011), Arsenic in drinking water: A review on toxicological effects, mechanism of accumulation and remediation. *Asian Journal of Chemistry*, **23** (5), 1889-1901.

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176. Zhang, L., Wang, M.H., Hu, J. and **Ho, Y.S.*** (2010), A review of published wetland research, 1991-2008: Ecological engineering and ecosystem restoration. *Ecological Engineering*, **36** (8), 973-980.

Document type: Review	Language: English	Cited references: 52	Times cited: 21	Times self cited: 7
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177. Hu, J., Ma, Y.W., Zhang, L., Gan, F.X. and **Ho, Y.S.*** (2010), A historical review and bibliometric analysis of research on lead in drinking water field from 1991 to 2007. *Science of the Total Environment*, **408** (7), 1738-1744.

Document type: Review	Language: English	Cited references: 82	Times cited: 10	Times self cited: 5
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Meeting Abstract Papers

178. Gau, L.S., Yu, D.C. and **Ho, Y.S.*** (2010), Global trends of research performance of sports.

Journal of Sport & Exercise Psychology, **32** (S), S166-S167.

Document type: Meeting Abstract	Language: English	Cited references: 0	Times cited: 0	Times self cited: 0
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179. Lu, S., Wu, C. and **Ho, Y.S.*** (2007), Bibliometric analysis of insomnia-related research in the period of 1991-2005. *Sleep*, **30** (S), A260-A261.

Document type: Meeting Abstract	Language: English	Cited references: 0	Times cited: 0	Times self cited: 0
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First or Corresponding Author, Letter Papers

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183. Nachege, J.B., Uthman, O. and **Ho, Y.S.** (2013), Authors' Response to: Epidemiology and public health research productivity in Africa. *International Journal of Epidemiology*, **42** (3), 913-914.

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Document type: Proceedings Paper	Language: English	Cited references: 32	Times cited: 0	Times self cited: 0
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Document type: Review	Language: English	Cited references: 19	Times cited: 13	Times self cited: 5
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Document type: Article, Proceedings Paper	Language: English	Cited references: 313	Times cited: 95	Times self cited: 5
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191. Li, T., **Ho, Y.S.** and Li, C.Y. (2008), Bibliometric analysis on global Parkinson's disease research trends during 1991-2006. *Neuroscience Letters*, **441** (3), 248-252.

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Document type: Article	Language: English	Cited references: 16	Times cited: 9	Times self cited: 0
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PUBLICATIONS RELATED TO OTHER FIELDS

Last data updates: 28 September 2012

Document type	Publication	Times cited	Times self cited	CPP	CPP _{ex}
Article	3	22	1	7.33	7.00
Letter	1	4	3	4.00	1.00
Note	1	3	0	3.00	3.00
Total	5	25	4	5.80	5.00

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Rank 15th in citation from 235 papers of Journal of Chemical Research. Synopses. (1992), Last data updates: 01 January 2009

Journal's Editor

1. International Journal of Environment and Pollution: A SCI and Inderscience Enterprises Ltd Publication

Guest Editor Special Issue on: "Application of biosorbents on wastewater treatment"

Environmental Sciences: Impact Factor 0.361, 197/205 (2011)

2. Archives of Environmental Science (Journal of Environmental Protection Science), Executive Editors

3. American Chemical Science Journal, Chief Editor

Editorial Advisory

1. Journal of Asian Scientific Research: 2011-

Associate Editor

1. Sky Journal of Journal of Soil Sciences and Environmental Management: 2013-

Member of Editorial Board

1. Bioresource Technology: A SCI and Elsevier Sci Ltd 2008
Agricultural Engineering: Impact Factor 4.980, 1/12 (2011)
Biotechnology & Applied Microbiology: Impact Factor 4.980, 20/158 (2011)
Energy & Fuels: Impact Factor 4.4980, 8/81 (2011)
2. Polish Journal of Environmental Studies: A SCI and HARD 2005-
Environmental Sciences: Impact Factor 0.508, 186/205 (2011)
3. Environmental Engineering and Management Journal: A SCI and Gh Asachi Technical Univ Iasi 2009-
Environmental Sciences: Impact Factor 1.004, 145/205 (2011)
4. Desalination and Water Treatment: A SCI and Desalination Publ 2009-
Chemical Engineering: Impact Factor 0.614, 90/133 (2011)
Water Resources: Impact Factor 0.614, 66/78 (2011)
5. Asian Journal of Chemistry: A SCI and Asian Journal of Chemistry 2010-
Multidisciplinary Chemistry: Impact Factor 0.266, 142/154 (2011)
6. South African Journal of Science: A SCI and Bureau Scientific Publ 2013-
Multidisciplinary Sciences: Impact Factor 0.779, 20/56 (2011)
7. Journal of Materials and Environmental Science: 2011-
8. Journal of Sciences: 2011-
9. ISRN Chemical Engineering: 2011-
10. Journal of Sciences: 2011-
11. Journal of Asian Scientific Research: 2011-
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14. International Journal of Energy Engineering: 2012-
15. Conference Papers in Engineering: 2012-
16. Journal of Waste Management: 2012-
17. Journal of Membrane Science & Technology: 2013-
18. World Journal of Methodology: 2013-
19. International Journal of Agricultural Policy and Research: 2013-

Reviewer of Research Proposals for Funding

1. Turkey Young Scientist Award of TUBITAK (2010, 2013)
2. IUPAC Project Proposal (2012)

3. South Africa's National Research Foundation (NRF) (2012)

Membership in Journal's Referee Panel

1. Journal of Environmental Quality: A SCI and Amer Soc Agronomy Publication
Environmental Sciences: Impact Factor 2.291, 54/180 (2009)
4. Separation Science and Technology: A SCI and Marcel Dekker Inc Publication
Multidisciplinary Chemistry: Impact Factor 1.028, 74/138 (2009)
Chemical Engineering: Impact Factor 1.028, 57/126 (2009)
2. Process Biochemistry: A SCI and Elsevier Science Publication
Biochemistry & Molecular Biology: Impact Factor 2.444, 157/283 (2009)
Biotechnology & Applied Microbiology: Impact Factor 2.444, 58/150 (2009)
Chemical Engineering: Impact Factor 2.444, 18/126 (2009)
3. Industrial & Engineering Chemistry Research: A SCI and The Marcel Dekker Inc Publication
Chemical Engineering: Impact Factor 1.758, 35/126 (2009)
4. Colloids and Surfaces A-Physicochemical and Engineering Aspects: A SCI and Elsevier Science BV Publication
Physical Chemistry: Impact Factor 1.988, 62/121 (2009)
5. Water Research: A SCI and Pergamon-Elsevier Science Ltd Publication
Civil Engineering: Impact Factor 1.616, 1/63 (1998)
Environmental Engineering: Impact Factor 4.546, 4/45 (2010)
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Water Resources: Impact Factor 4.546, 1/76 (2010)
6. Journal of Agricultural and Food Chemistry: A SCI and Amer Chemical Soc
Multidisciplinary Agriculture: Impact Factor 2.469, 2/44 (2009)
Applied Chemistry: Impact Factor 2.469, 10/64 (2009)
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7. Journal of Colloid and Interface Science: A SCI and Academic Press Inc
Physical Chemistry: Impact Factor 3.019, 37/121 (2009)
8. Adsorption-Journal of the International Adsorption Society: A SCI and Kluwer Academic Publ
Physical Chemistry: Impact Factor 1.580, 77/121 (2009)
Chemical Engineering: Impact Factor 1.580, 41/126 (2009)
9. Chemosphere: A SCI and Pergamon-Elsevier Science Ltd
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10. Environmental Science & Technology, A SCI and Amer Chemical Soc Publication
Environmental Engineering: Impact Factor 4.827, 2/45 (2010)
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Environmental Sciences: Impact Factor 1.446, 70/160 (2007)
12. Clinical Infectious Diseases, A SCI and Univ Chicago Press, Chicago
Immunology: Impact Factor 8.286, 11/134 (2010)
Infectious Diseases: Impact Factor 8.286, 2/58 (2010)

- Microbiology: Impact Factor 8.286, 9/107 (2010)
13. Journal of Hazardous Materials: A SCI and Elsevier Science BV
 Environmental Engineering: Impact Factor 3.723, 6/45 (2010)
 Civil Engineering: Impact Factor 2.337, 2/115 (2010)
 Environmental Sciences: Impact Factor 3.723, 18/193 (2010)
 14. Biotechnology and Bioengineering: A SCI and John Wiley & Sons Inc
 Biotechnology & Applied Microbiology: Impact Factor 3.037, 34/138 (2007)
 15. Bioresource Technology: A SCI and Elsevier Sci Ltd
 Agricultural Engineering: Impact Factor 4.365, 1/12 (2010)
 Biotechnology & Applied Microbiology: Impact Factor 4.365, 23/160 (2010)
 Energy & Fuels: Impact Factor 4.365, 9/79 (2010)
 16. Biochemical Engineering Journal: A SCI and Elsevier Science SA
 Biotechnology & Applied Microbiology: Impact Factor 1.872, 33/138 (2007)
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 17. Environmental Technology: A SCI and Selper Ltd, Publications Div
 Environmental Sciences: Impact Factor 0.735, 128/160 (2007)
 18. Polish Journal of Environmental Studies: A SCI and HARD
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 19. Separation and Purification Technology: A SCI and Elsevier Science BV
 Chemical Engineering: Impact Factor 2.142, 11/114 (2007)
 20. Journal of Chemical Technology and Biotechnology: A SCI and John Wiley & Sons Ltd
 Biotechnology & Applied Microbiology: Impact Factor 1.426, 91/138 (2007)
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 22. Applied Clay Science: A SCI and Elsevier Science BV
 Mineralogy: Impact Factor 1.861, 6/25 (2007)
 23. Colloids and Surfaces B-Biointerfaces: A SCI and Elsevier Science BV
 Biophysics: Impact Factor 2.109, 40/69 (2007)
 Physical Chemistry: Impact Factor 2.109, 45/110 (2007)
 Biomaterials Materials Science: Impact Factor 2.109, 6/16 (2007)
 24. Langmuir: A SCI and Amer Chemical Soc
 Physical Chemistry: Impact Factor 4.009, 21/110 (2007)
 25. World Journal of Microbiology & Biotechnology: A SCI and Kluwer Academic Publ
 Biotechnology & Applied Microbiology: Impact Factor 0.745, 115/138 (2007)
 26. Chemical Engineering Journal: A SCI and Elsevier Science SA
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Environmental Sciences: Impact Factor 3.135, 15/160 (2007)
29. Desalination: A SCI and Elsevier Science BV
Chemical Engineering: Impact Factor 0.875, 51/114 (2007)
Water Resources: Impact Factor 0.875, 37/59 (2007)
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Biotechnology & Applied Microbiology: Impact Factor 0.859, 111/138 (2007)
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Environmental Sciences: Impact Factor 1.620, 59/160 (2007)
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Environmental Sciences: Impact Factor 2.618, 59/210 (2012)
33. Applied Biochemistry and Biotechnology: A SCI and Humana Press Inc
Biochemistry & Molecular Biology: Impact Factor 1.643, 194/263 (2007)
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Multidisciplinary Chemistry: Impact Factor 0.270, 115/127 (2007)
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Chemical Engineering: Impact Factor 1.729, 20/114 (2007)
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Environmental Sciences: Impact Factor 0.461, 145/160 (2007)
Limnology: Impact Factor 0.461, 17/19 (2007)
Water Resources: Impact Factor 0.461, 49/59 (2007)
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Multidisciplinary Materials Science: Impact Factor 1.916, 39/189 (2007)
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Environmental Engineering: Impact Factor 0.639, 31/37 (2007)
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Biotechnology & Applied Microbiology: Impact Factor 1.694, 82/138 (2007)
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46. Composites Science and Technology: A SCI and Elsevier Sci Ltd
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47. Environmental Engineering Science: A SCI and Mary Ann Liebert Inc Publ
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Environmental Sciences: Impact Factor 0.944, 110/160 (2007)
48. Journal of Materials Science: A SCI and Springer
Multidisciplinary Materials Science: Impact Factor 1.081, 84/189 (2007)
49. Journal of Environmental Sciences-China: A SCI and Science China Press
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50. Chemistry and Ecology: A SCI and Taylor & Francis
Ecology: Impact Factor 0.475, 103/116 (2007)
Environmental Sciences: Impact Factor 0.475, 144/160 (2007)
51. Environmental Chemistry: A SCI and Csiro Publishing
Analytical Chemistry: Impact Factor 2.809, 18/70 (2007)
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52. Water Air and Soil Pollution: A SCI and Kluwer Academic Publ
Environmental Sciences: Impact Factor 1.224, 88/160 (2007)
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Environmental Sciences: Impact Factor 0.429, 148/160 (2007)
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Environmental Engineering: Impact Factor 1.118, 17/37 (2007)

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56. Journal of Environmental Engineering-ASCE: A SCI and ASCE-Amer Soc Civil Engineers
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59. Journal of the Chemical Society of Pakistan: A SCI and Chem Soc Pakistan
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60. Ecological Engineering: A SCI and Elsevier Science BV
 Ecology: Impact Factor 2.175, 44/116 (2007)
 Environmental Engineering: Impact Factor 2.175, 6/37 (2007)
 Environmental Sciences: Impact Factor 2.175, 39/160 (2007)
61. Water Science and Technology: A SCI and Pergamon-Elsevier Science Ltd
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 Chemical Engineering: Impact Factor 0.141, 107/116 (2008)
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 Chemistry, Applied: Impact Factor 0.843, 34/60 (2008)
 Engineering, Chemical: Impact Factor 0.843, 59/116 (2008)
 Materials Science, Textiles: Impact Factor 0.843, 3/16 (2008)

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Physical Chemistry: Impact Factor 1.272, 79/113 (2008)
69. Advances in Colloid and Interface Science: A SCI and Elsevier Science BV
Physical Chemistry: Impact Factor 8.660, 9/127 (2010)
70. International Journal of Chemical Reactor Engineering: A SCI and Berkeley Electronic Press
Chemical Engineering: Impact Factor 0.531, 75/116 (2008)
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Soil Science: Impact Factor 2.068, 6/31 (2008)
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Health Care Sciences & Services: Impact Factor 2.303, 22/69 (2009)
73. Journal of Zhejiang University-Science A: A SCI and Zhejiang University
Multidisciplinary Engineering: Impact Factor 0.301, 59/79 (2009)
Applied Physics: Impact Factor 0.301, 100/105 (2009)
74. Desalination and Water Treatment: A SCI and Desalination Publ
Chemical Engineering: Impact Factor , 124/126 (2009)
Water Resources: Impact Factor , 65/66 (2009)
75. BioResources: A SCI and North Carolina State Univ Dept Wood & Paper Sci
Materials Science, Paper & Wood: Impact Factor 1.406, 3/21 (2009)
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Environmental Sciences: Impact Factor 1.412, 98/180 (2009)
Marine & Freshwater Biology: Impact Factor 1.412, 42/88 (2009)
Water Resources: Impact Factor 1.412, 26/66 (2009)
77. Industrial Crops and Products, A SCI and Elsevier Science BV
Agricultural Engineering: Impact Factor 2.103, 3/11 (2009)
Agronomy: Impact Factor 2.103, 12/61 (2009)
78. Clean Technologies and Environmental Policy: A SCI and Springer
Environmental Engineering: Impact Factor 1.016, 29/42 (2009)
Environmental Sciences: Impact Factor 1.016, 129/180 (2009)
79. Acta Chimica Slovenica: A SCI and Springer
Chemistry, Multidisciplinary: Impact Factor 1.093, 84/138 (2009)
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Applied Chemistry: Impact Factor 0.333, 58/70 (2010)
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81. ScienceAsia: A SCI and Thailand's Natl Science & Technology Development Agency
Multidisciplinary Sciences: Impact Factor 0.176 (2010)
82. Frontiers of Environmental Science & Engineering: A SCI and Higher Education Press
Environmental Engineering: Impact Factor 0.754, 38/45 (2011)
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83. International Journal of Physical Sciences: A SCI and Academic Journals
Multidisciplinary Sciences: Impact Factor 0.554, 26/48 (2009)

84. Ionics: A SCI and Springer Heidelberg
Physical Chemistry: Impact Factor 0.899, 92/121 (2009)
Electrochemistry: Impact Factor 0.899, 19/24 (2009)
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85. Technovation: A SCI and Elsevier Science BV
Industrial Engineering: Impact Factor 2.466, 1/37 (2009)
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86. Canadian Journal of Chemical Engineering: A SCI and Canadian Soc Chemical Engineering
Chemical Engineering: Impact Factor 0.630, 81/126 (2009)
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Environmental Sciences: Impact Factor 2.250, 57/181 (2009)
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Biotechnology & Applied Microbiology: Impact Factor 0.565, 131/150 (2009)
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97. Chinese Science Bulletin: A SCI and Science Press
Multidisciplinary Sciences: Impact Factor 1.087, 18/59 (2010)
98. Marine Pollution Bulletin: A SCI and Pergamon-Elsevier Science Ltd

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 Marine & Freshwater Biology: Impact Factor 2.359, 15/92 (2010)
99. Iranian Journal of Chemistry & Chemical Engineering-International English Edition: A SCI and Jihad Daneshgahi
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100. International Journal of the Physical Sciences: A SCI and Academic Journals
 Multidisciplinary Sciences: Impact Factor 0.540, 26/59 (2010)
101. Scientometrics: A SCI & SSCI and Kluwer Academic Publ
 Interdisciplinary Applications Computer Science: Impact Factor 1.905, 22/97 (2010) SCI
 Information Science & Library Science: Impact Factor 1.905, 14/76 (2010) SSCI
102. Carbohydrate Research: A SCI and Elsevier Sci Ltd
 Biochemistry & Molecular Biology: Impact Factor 1.898, 197/286 (2010) SCI
 Applied Chemistry: Impact Factor 1.898, 21/70 (2010) SCI
 Organic Chemistry: Impact Factor 1.898, 28/56 (2010) SCI
103. Educational Research: A SCI and Routledge
 Education & Educational Research: Impact Factor 0.898, 67/184 (2010) SCI
104. Entropy: A SCI and MDPI AG
 Multidisciplinary Physics: Impact Factor 1.109, 34/80 (2010) SCI
105. E-Journal of Chemistry: A SCI and WWW Publ Pte
 Multidisciplinary Chemistry: Impact Factor 0.716, 100/147 (2010) SCI
106. International Journal of Applied Earth Observation and Geoinformation: A SCI and Elsevier Science BV
 Remote Sensing: Impact Factor 1.557, 5/23 (2010) SCI
107. Journal of Biobased Materials and Bioenergy: A SCI and Amer Scientific Publishers
 Applied Chemistry: Impact Factor 1.360, 28/70 (2010) SCI
 Energy & Fuels: Impact Factor 1.360, 39/79 (2010) SCI
 Biomaterials Materials Science: Impact Factor 1.360, 19/25 (2010) SCI
108. Toxicological and Environmental Chemistry: A SCI
109. African Journal of Business Management: A SSCI and Academic Journals
 Business: Impact Factor 1.105, 54/87 (2009) SSCI
 Management: Impact Factor 1.105, 58/112 (2009) SSCI
110. International Journal of Environmental Research and Public Health: A SCI and MDPI AG
 Environmental Sciences: Impact Factor 1.605, 103/205 (2011) SCI
111. Journal of the Taiwan Institute of Chemical Engineers: A SCI and Elsevier Science BV
 Chemical Engineering: Impact Factor 2.110, 34/133 (2011) SCI
112. Journal of Environmental Biology: A SCI and Triveni Enterprises
 Environmental Sciences: Impact Factor 0.604, 180/205 (2011) SCI
113. Agronomy for Sustainable Development: A SCI and Springer France
 Agronomy: Impact Factor 3.330, 4/79 (2011) SCI

114. Arabian Journal of Chemistry
Multidisciplinary Chemistry: Impact Factor 1.367, 76/154 (2011) SCI
115. Korean Journal of Chemical Engineering
Multidisciplinary Chemistry: Impact Factor 0.991, 95/154 (2011) SCI
Chemical Engineering: Impact Factor 0.991, 68/133 (2011) SCI
116. Journal of Nanomaterials
Nanoscience & Nanotechnology: Impact Factor 1.376, 104/232 (2011) SCI
Multidisciplinary Materials Science: Impact Factor 1.376, 41/66 (2011) SCI
117. Materials
Multidisciplinary Materials Science: Impact Factor: 1.677, 85/231 (2011) SCI
118. Construction and Building Materials
Construction & Building Technology: Impact Factor 1.834, 8/56 (2011) SCI
Multidisciplinary Materials Science: Impact Factor 1.834, 71/232 (2011) SCI
119. Journal of Radioanalytical and Nuclear Chemistry
Analytical Chemistry: Impact Factor 1.520, 45/73 (2011) SCI
Inorganic & Nuclear Chemistry: Impact Factor 1.520, 26/44 (2011) SCI
Nuclear Science & Technology: Impact Factor 1.520, 6/35 (2011) SCI
120. International Journal of Environmental Analytical Chemistry
Analytical Chemistry: Impact Factor 1.612, 51/73 (2011) SCI
Environmental Sciences: Impact Factor 1.612, 133/205 (2011) SCI
121. Journal of Applied Polymer Science
Scientific Disciplines Education: Impact Factor 1.152, 15/33 (2011) SCI
122. Global Environmental Change-Human and Policy Dimensions
Environmental Sciences: Impact Factor 6.868, 4/205 (2011) SCI
123. Chinese Journal of Chemical Engineering
Chemical Engineering: Impact Factor 0.826, 78/133 (2011) SCI
124. Acta Chimica Sinica
Multidisciplinary Chemistry: Impact Factor: 0.533, 121/154 (2011) SCI
125. Fuel
Energy & Fuels: Impact Factor 3.248, 19/81 (2011) SCI
Chemical Engineering: Impact Factor 3.248, 13/133 (2011) SCI
126. Waste Management
Environmental Engineering: Impact Factor 2.428, 12/45 (2011) SCI
Environmental Sciences: Impact Factor 2.428, 57/205 (2011) SCI
127. Antarctic Science
Environmental Sciences: Impact Factor 1.556, 105/205 (2011) SCI
Physical Geography: Impact Factor 1.556, 21/44 (2011) SCI
Multidisciplinary Geosciences: Impact Factor 1.556, 72/170 (2011) SCI
128. Fullerenes Nanotubes and Carbon Nanostructures
Physical Chemistry: Impact Factor 0.772, 112/134 (2011) SCI

- Nanoscience & Nanotechnology: Impact Factor 0.772, 157/232 (2011) SCI
 Multidisciplinary Materials Science: Impact Factor 0.772, 59/66 (2011) SCI
 Atomic, Molecular & Chemical Physics: Impact Factor 0.772, 30/33 (2011) SCI
129. Bioremediation Journal
 Environmental Sciences: Impact Factor 0.395, 198/209 (2012) SCI
 130. Energy Policy
 Energy & Fuels: Impact Factor 2.743, 25/81 (2012) SCI
 Environmental Sciences: Impact Factor 2.743, 51/209 (2012) SCI
 131. Turkish Journal of Chemistry
 Multidisciplinary Chemistry: Impact Factor 0.888, 101/152 (2012) SCI
 Chemical Engineering: Impact Factor 0.888, 78/133 (2012) SCI
 132. Perceptual and Motor Skills
 Experimental Psychology: Impact Factor 0.655, 80/83 (2012) SSCI
 133. PLoS One
 Multidisciplinary Science: Impact Factor 3.730, 7/56 (2012) SCI
 134. American Journal of Public Health
 Public, Environmental & Occupational Health: Impact Factor 3.930, 16/161 (2012) SCI
 135. Reviews in Chemical Engineering
 Chemical Engineering: Impact Factor 1.623, 60/133 (2012) SCI
 136. Pedosphere
 Soil Science: Impact Factor 1.323, 20/34 (2012) SCI
 137. African Journal of Environmental Science & Technology
 138. Journal of Physics: Conference Series
 139. Journal of the Indian Institute of Science
 140. International Journal of Environment and Waste Management
 141. Life Science Journal
 142. Pakistan Journal of Analytical and Environmental Chemistry
 143. The Open Textile Journal
 144. Journal of Hydro-Environment Research
 145. Chinese Journal of Environmental Engineering
 146. International Journal of Environment and Waste Management
 147. African Journal of Food Science
 148. International Research Journal of Microbiology
 149. International Food Research Journal
 150. International Journal of Environmental Engineering
 151. International Research Journal of Agricultural Science
 152. Journal of Physical Chemistry
 153. Iranian Journal of Biotechnology
 154. Sage-Hindawi Access to Research
 155. International Journal of Chemical Engineering

156. International Journal of Innovation and Technology Management
157. Journal of Environmental Chemistry and Ecotoxicology
158. Science China Chemistry (Science in China Series B)
159. Research in Pharmaceutical Biotechnology
160. International Journal of Biochemistry
161. Journal of Pure and Applied Chemistry
162. Journal of Civil Engineering and Construction Technology
163. Global Journal of Library and Information Sciences
164. Global Research Journal of Microbiology
165. African Journal of Agricultural Research
166. Journal of Thermodynamics
167. Science Journal of Geology and Mining Engineering
168. Blue Biotechnology Journal
169. International Journal of Nutrition and Metabolism
170. Management Research Review
171. Journal of Materials and Environmental Science
172. Journal of Environmental Protection
173. Journal of Accounting and Taxation
174. Journal of Physical and Environmental Science Research
175. Science Journal of Environmental Engineering Research
176. Science Journal of Chemical Engineering
177. American Chemical Science Journal
178. Journal of Agricultural Biotechnology and Sustainable Development
179. Education Research Journal
180. Journal of Chemistry
181. Chemical Society of Ethiopia
182. International Journal of Environment and Sustainable Development
183. International Journal of Research in Chemistry and Environment
184. Journal of Public Health and Epidemiology
185. International Journal of Industrial Chemistry
186. World Journal of Gastrointestinal Oncology
187. Journal Materials and Environment Science
188. International Journal of Inorganic Chemistry
189. International Journal of Peace and Development Studies
190. International Journal of Environmental Technology and Management
191. Progress in Color, Colorants and Coatings
192. Physical Review & Research International
193. ISRN Chemical Engineering
194. Annals of Medical and Health Sciences Research
195. Journal of Waste Management

196. Materials Sciences and Applications
197. Journal of Environmental Chemical Engineering
198. World Journal of Orthopedics
199. Advances in Physical Chemistry
200. British Biotechnology Journal
201. Journal of Water Sustainability
202. Journal of Scientometric Research
203. Research in Neurology: An International Journal
204. Unique Research Journal of Agricultural Sciences
205. Sky Journal of Journal of Soil Sciences and Environmental Management
206. Journal of Applied Chemistry
207. Forest Products Journal
208. Journal Pharmacy and Pharmacology Research
209. Journal of Chromatography & Separation Techniques
210. British Journal of Economics, Management & Trade
211. Journal of Sociology and Anthropology
212. British Journal of Medicine and Medical Research
213. International Scholars Journals
214. Recent Patents on Food, Nutrition & Agriculture
215. Journal of Earth Science Research
216. BioMed Research International
217. Sustainability
218. International Journal of Agricultural Policy and Research
219. Physical Sciences Research International

Achievements

- 2003 ISI highly cited article. **Ho, Y.S.*** (2003), Removal of copper ions from aqueous solution by tree fern. *Water Research*, **37** (10), 2323-2330.
- 2004 ISI highly cited article. **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.
- 2004 ISI highly cited article. **Ho, Y.S.*** (2004), Citation review of Lagergren kinetic rate equation on adsorption reactions. *Scientometrics*, **59** (1), 171-177.
- 2005 The outstanding achievements earned a position in Who's Who in Science and Engineering, 2005-2006.
- 2006 The outstanding achievements earned a position in Who's Who in Science and Engineering, 2006-2007.
- 2007 **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. Rank 50th in *Journal of Hazardous Materials*; rank 6325th in the world, rank 1st in Nigeria, rank 379th in 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.)
- 2008 ISI Hot papers **Ho, Y.S.*** (2006), Review of second-order models for adsorption systems. *Journal of Hazardous Materials*, **136** (3), 681-689. (Essential Science Indicators was updated on November 1, 2008 to cover a ten-year + eight-month period, January 1, 1998-August 31, 2008.)
- 2009 **Ho, Y.S.** and McKay, G. (1998), Sorption of dye from aqueous solution by peat. *Chemical Engineering Journal*, **70** (2), 115-124. Rank 1st in *Chemical Engineering Journal*; and rank 3rd in Hong Kong University of Science and Technology, rank 12th in China, and rank 900th in the world, in the field of Chemistry. (Essential Science Indicators was updated on January 1, 2009 to cover a ten-year + ten-month period, January 1, 1998-October 31, 2008.)
- 2009 **Ho, Y.S.*** and McKay, G. (1999), The sorption of lead(II) ions on peat. *Water Research*, **33** (2), 578-584. 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.)
- 2010 **Ho, Y.S.** and McKay, G. (1999), Pseudo-second order model for sorption processes. *Process Biochemistry*, **34** (5), 451-465. 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 IndicatorsSM has been updated as of March 1, 2010 to cover an 11-year period, January 1, 1999-December 31, 2009.)
- 2010 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. 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 IndicatorsSM has been updated as of March 1, 2010 to cover an 11-year period, January 1, 1999-December 31, 2009.)
- 2011 **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. Rank 1st/77 in *Water Research*; and 1st/87 in China; and rank 45th/2,643 in the world, in the field of Environment/Ecology. (Essential Science IndicatorsSM has been updated as of March 1, 2011 to cover an 11-year period, January 1, 2000-December 31, 2010.)
- 2011 **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. Rank 36th/1,038 in China, and rank 486th/8,209 in the world, in the field of Engineering. (Essential Science IndicatorsSM has been updated as of March 1, 2011 to cover an 11-year period, January 1, 2000-December 31, 2010.)
- 2012 **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. Rank 1st/1 in *Adsorption-Journal of the International Adsorption Society* and rank 4,679th/12,681 in the

- world, in the field of Chemistry. (Essential Science IndicatorsSM has been updated as of March 1, 2012 to cover an 11-year period, January 1, 2001-December 31, 2011.)
- 2013 **Ho, Y.S.*** (2003), Removal of copper ions from aqueous solution by tree fern. *Water Research*, **37** (10), 2323-2330. Rank 10th/93 in *Water Research*; and rank 477th/3,224 in the world, in the field of Environment/Ecology. (Essential Science IndicatorsSM has been updated as of March 1, 2013 to cover an 11-year period, January 1, 2002-December 31, 2012.)
- 2013 **Ho, Y.S.*** (2004), Citation review of Lagergren kinetic rate equation on adsorption reactions. *Scientometrics*, **59** (1), 171-177. Rank 1st/40 in *Scientometrics* and rank 72th/5,406 in the world, in the field of General Social Sciences. (Essential Science IndicatorsSM has been updated as of March 1, 2013 to cover an 11-year period, January 1, 2002-December 31, 2012.)
- 2013 **Ho, Y.S.*** (2006), Review of second-order models for adsorption systems. *Journal of Hazardous Materials*, **136** (3), 681-689. Rank 5th/584 in *Journal of Hazardous Materials* and rank 111th/9,355 in the world, in the field of Engineering. (Essential Science IndicatorsSM has been updated as of March 1, 2013 to cover an 11-year period, January 1, 2002-December 31, 2012.)
- 2013 **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. Rank 1st/4 in *Water Air and Soil Pollution* and rank 456th/3,224 in the world, in the field of Environment/Ecology. (Essential Science IndicatorsSM has been updated as of March 1, 2013 to cover an 11-year period, January 1, 2002-December 31, 2012.)
- 2013 **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. Rank 20th/93 in *Water Research* and rank 704th/3,224 in the world, in the field of Environment/Ecology. (Essential Science IndicatorsSM has been updated as of March 1, 2013 to cover an 11-year period, January 1, 2002-December 31, 2012.)
- 2013 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. Rank 268th/584 in *Journal of Hazardous Materials* and rank 5,259th/9,355 in the world, in the field of Engineering. (Essential Science IndicatorsSM has been updated as of March 1, 2013 to cover an 11-year period, January 1, 2002-December 31, 2012.)