

## CURRICULUM VITAE

### Personal Data

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Name: Yuh-Shan Ho

Date of Birth: 29 May 1959

Place of Birth: Taiwan

Professor in Department of Biotechnology, Asia University, Taiwan

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Chang Jiang Scholar,

Professor in Department of Environmental Sciences, Peking University, China

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### Education

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- 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

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- Sep. 2009 -                 Director of the Trend Research Centre, Asia University, Taiwan
- 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: 166

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 Editor-in-Chief: Dr. 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.

### Scientific Papers (SCI or SSCI)

Last data updates: 13 November 2010

Document type	In press	h index	Publication	FA	CA	Times cited	Times self cited	CPP	CPP <sub>ex</sub>
Article	5	34	90	52	52	6289	591	69.9	63.3
Review	1	4	7	3	4	580	45	82.9	76.4
Letter	0	8	28	28	28	206	87	7.36	4.25
Editorial material	3	4	13	11	12	59	31	4.54	2.15
Note	0	1	1	0	0	2	0	2.00	2.00
Meeting abstract	0	0	2	0	2	0	0	0	0
Proceedings paper	0	0	1	0	0	0	0	0	0
Correction	0	0	1	1	1	0	0	0	0
<b>Total</b>	<b>9</b>	<b>38</b>	<b>143</b>	<b>95</b>	<b>99</b>	<b>7136</b>	<b>754</b>	<b>49.9</b>	<b>44.6</b>

FA: Publication with first author

CA: Publication with corresponding author

CPP: Citation per publication

CPP<sub>ex</sub>: Citation per publication excludes self-citation

### First or Corresponding Author, Article Papers

1. Tanaka, H. and **Ho, Y.S.\*** (2011), Global trends and performances of desalination research. *Desalination and Water Treatment*, **25**, (in press).

Document type: Article	Language: English	Cited references: 76	Times cited: 0	Times self cited: 0
2. Lin, H.W., Yu, T.C. and <b>Ho, Y.S.*</b> (2010), A systemic review of the human papillomavirus study: Global publication comparison and research trend analyses from 1993 to 2008. <i>European Journal of Gynaecological Oncology</i> , (in press).				
Document type: Article	Language: English	Cited references: 28	Times cited: 0	Times self cited: 0
3. Huang, C.Y. and <b>Ho, Y.S.*</b> (2010), Historical research on corporate governance: A bibliometric analysis. <i>African Journal of Business Management</i> , (in press).				
Document type: Article	Language: English	Cited references: 46	Times cited: 0	Times self cited: 0
4. Zhang, L., Hong, S., He, J., Gan, F.X. and <b>Ho, Y.S.*</b> (2010), Adsorption characteristic studies of phosphorus onto laterite. <i>Desalination and Water Treatment</i> , (in press).				
Document type: Article	Language: English	Cited references: 18	Times cited: 0	Times self cited: 0
5. Chang, C.C. and <b>Ho, Y.S.*</b> (2010), Bibliometric analysis of financial crisis research. <i>African Journal of Business Management</i> , (in press).				
Document type: Article	Language: English	Cited references: 26	Times cited: 0	Times self cited: 0
6. He, J., Hong, S., Gan, F.X., Zhang, L. and <b>Ho, Y.S.*</b> (2010), Equilibrium and thermodynamic parameters of adsorption of Methylene blue onto rectorite. <i>Fresenius Environmental Bulletin</i> , <b>19</b> (11A), 2651-2656.				
Document type: Article	Language: English	Cited references: 29	Times cited: 0	Times self cited: 0
7. <b>Ho, Y.S.*</b> , Satoh, H. and Lin, S.Y. (2010), Japanese lung cancer research trends and performances in Science Citation Index. <i>Internal Medicine</i> , <b>49</b> (20), 2219-2228.				
Document type: Article	Language: English	Cited references: 25	Times cited: 0	Times self cited: 0
8. Malarvizhi, R. and <b>Ho, Y.S.*</b> (2010), The influence of pH and the structure of the dye molecules on adsorption isotherm modeling using activated carbon. <i>Desalination</i> , <b>264</b> (1-3), 97-101.				
Document type: Article	Language: English	Cited references: 22	Times cited: 0	Times self cited: 0
9. Zhang, L., Hong, S., He, J., Gan, F.X. and <b>Ho, Y.S.*</b> (2010), Isotherm study of phosphorus uptake from aqueous solution using aluminum oxide. <i>Clean-Soil Air Water</i> , <b>38</b> (9), 831-836.				
Document type: Article	Language: English	Cited references: 17	Times cited: 0	Times self cited: 0
10. Mao, N., Wang, M.H. and <b>Ho, Y.S.*</b> (2010), A bibliometric study of the trend in articles related to risk assessment published in Science Citation Index. <i>Human and Ecological Risk Assessment</i> , <b>16</b> (4), 801-824.				
Document type: Article	Language: English	Cited references: 69	Times cited: 0	Times self cited: 0
11. Wang, M.H., Yu, T.C. and <b>Ho, Y.S.*</b> (2010), A bibliometric analysis of the performance of <i>Water Research</i> . <i>Scientometrics</i> , <b>84</b> (3), 813-820.				
Document type: Article	Language: English	Cited references: 8	Times cited: 0	Times self cited: 0
12. El-Khaiary, M.I., Malash, G.F. and <b>Ho, Y.S.*</b> (2010), On the use of linearized pseudo-second-order kinetic equations for modeling adsorption systems. <i>Desalination</i> , <b>257</b> (1-3), 93-101.				
Document type: Article	Language: English	Cited references: 24	Times cited: 0	Times self cited: 0
13. Malarvizhi, R., Wang, M.H. and <b>Ho, Y.S.*</b> (2010), Research trends in adsorption technologies for dye containing wastewaters. <i>World Applied Sciences Journal</i> , <b>8</b> (8), 930-942.				
Document type: Article	Language: English	Cited references: 21	Times cited: 0	Times self cited: 0
14. Zhang, G.F., Xie, S.D. and <b>Ho, Y.S.*</b> (2010), A bibliometric analysis of world volatile organic compounds research trends. <i>Scientometrics</i> , <b>83</b> (2), 477-492.				

Document type: Article	Language: English	Cited references: 40	Times cited: 2	Times self cited: 2
15. Li, J.F., Zhang, Y.H., Wang, X.S. and <b>Ho, Y.S.*</b> (2009), Bibliometric analysis of atmospheric simulation trends in meteorology and atmospheric science journals. <i>Croatica Chemica Acta</i> , <b>82</b> (3), 695-705.				
Document type: Article	Language: English	Cited references: 83	Times cited: 1	Times self cited: 1
16. Hong, S., Wen, C., He, J., Gan, F.X. and <b>Ho, Y.S.*</b> (2009), Adsorption thermodynamics of Methylene Blue onto bentonite. <i>Journal of Hazardous Materials</i> , <b>167</b> (1-3), 630-633.				
Document type: Article	Language: English	Cited references: 21	Times cited: 5	Times self cited: 0
17. Zhang, J., Xie, S.D. and <b>Ho, Y.S.*</b> (2009), Removal of fluoride ions from aqueous solution using modified attapulgite as adsorbent. <i>Journal of Hazardous Materials</i> , <b>165</b> (1), 218-222.				
Document type: Article	Language: English	Cited references: 34	Times cited: 3	Times self cited: 0
18. Zhang, W.W., Qian, W.H. and <b>Ho, Y.S.*</b> (2009), A bibliometric analysis of research related to ocean circulation. <i>Scientometrics</i> , <b>80</b> (2), 305-316.				
Document type: Article	Language: English	Cited references: 23	Times cited: 0	Times self cited: 0
19. Li, L.L., Ding, G.H., Feng, N., Wang, M.H. and <b>Ho, Y.S.*</b> (2009), Global stem cell research trend: Bibliometric analysis as a tool for mapping of trends from 1991 to 2006. <i>Scientometrics</i> , <b>80</b> (1), 39-58.				
Document type: Article	Language: English	Cited references: 55	Times cited: 1	Times self cited: 1
20. <b>Ho, Y.S.*</b> (2009), Comments on “Adsorption of direct dyes from aqueous solutions by carbon nanotubes: Determination of equilibrium, kinetics and thermodynamics parameters”. <i>Journal of Colloid and Interface Science</i> , <b>333</b> (1), 412.				
Document type: Article	Language: English	Cited references: 8	Times cited: 0	Times self cited: 0
21. <b>Ho, Y.S.*</b> (2008), Bibliometric analysis of biosorption technology in water treatment research from 1991 to 2004. <i>International Journal of Environment and Pollution</i> , <b>34</b> (1-4), 1-13.				
Document type: Article	Language: English	Cited references: 17	Times cited: 1	Times self cited: 1
22. Ofomaja, A.E. and <b>Ho, Y.S.*</b> (2008), Kinetic biosorption study of cadmium onto coconut copra meal as biosorbent. <i>International Journal of Environment and Pollution</i> , <b>34</b> (1-4), 466-476.				
Document type: Article	Language: English	Cited references: 32	Times cited: 2	Times self cited: 1
23. Xie, S.D., Zhang, J. and <b>Ho, Y.S.*</b> (2008), Assessment of world aerosol research trends by bibliometric analysis. <i>Scientometrics</i> , <b>77</b> (1), 113-130.				
Document type: Article	Language: English	Cited references: 56	Times cited: 4	Times self cited: 4
24. <b>Ho, Y.S.*</b> and Wang, C.C. (2008), Sorption equilibrium of mercury onto ground-up tree fern. <i>Journal of Hazardous Materials</i> , <b>156</b> (1-3), 398-404.				
Document type: Article	Language: English	Cited references: 56	Times cited: 2	Times self cited: 0
25. Li, Z. and <b>Ho, Y.S.*</b> (2008), Use of citation per publication as an indicator to evaluate contingent valuation research. <i>Scientometrics</i> , <b>75</b> (1), 97-110.				
Document type: Article	Language: English	Cited references: 21	Times cited: 0	Times self cited: 0
26. Huang, Y., Ao, X.L. and <b>Ho, Y.S.*</b> (2008), Use of citation per publication as an indicator to evaluate pentachlorophenol research. <i>Scientometrics</i> , <b>75</b> (1), 67-80.				
Document type: Article	Language: English	Cited references: 13	Times cited: 1	Times self cited: 0
27. Ofomaja, A.E. and <b>Ho, Y.S.*</b> (2008), Effect of temperatures and pH on Methyl violet biosorption by mansonia wood sawdust. <i>Bioresource Technology</i> , <b>99</b> (13), 5411-5417.				
Document type: Article	Language: English	Cited references: 22	Times cited: 12	Times self cited: 1

28. 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: 13	Times self cited: 7
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29. Chuang, K.Y., Huang, Y.L. and **Ho, Y.S.\*** (2007), A bibliometric and citation analysis of stroke-related research in Taiwan. *Scientometrics*, **72** (2), 201-212.

Document type: Article	Language: English	Cited references: 12	Times cited: 8	Times self cited: 4
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30. 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: 9	Times self cited: 2
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31. 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: 12	Times self cited: 2
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32. **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: 12	Times self cited: 4
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33. **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: 39	Times self cited: 7
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34. **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: 18	Times self cited: 5
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Rank 50<sup>th</sup> in *Journal of Hazardous Materials*; rank 6325<sup>th</sup> in the world, rank 1<sup>st</sup> in Nigeria, rank 379<sup>th</sup> in Peoples R China, and Rank 15<sup>th</sup> 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.)

35. **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: 24	Times self cited: 3
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Rank 1<sup>st</sup> in citation from 115 papers of *Polish Journal of Environmental Studies* (2006); Rank 1<sup>st</sup> in citation from 1,174 papers of *Polish Journal of Environmental Studies* (from year 2000, Volume 9 (1) to year 2010, Volume 19 (3)), Last data updates: 20 August 2010

36. **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: 123	Times self cited: 5
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Rank 1<sup>st</sup> in citation from 440 papers of *Water Research* (2006), Rank 203<sup>rd</sup> in citation from 12,843 articles of *Water Research* (from year 1967, Volume 1 (1) to year 2008, Volume 44 (15)), Last data updates: 10 October 2010

Rank 36<sup>th</sup>/81 in *Water Research*; and rank 27<sup>th</sup>/83 in China; and rank 1,208<sup>th</sup>/2,542 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)

37. **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
38. Chen, S.R., Chiu, W.T. and <b>Ho, Y.S.*</b> (2005), Asthma in children: Mapping the literature by bibliometric analysis. <i>Revue Française d'Allergologie et d'Immunologie Clinique</i> , <b>45</b> (6), 442-446.				
Document type: Article	Language: English	Cited references: 16	Times cited: 2	Times self cited: 2
39. <b>Ho, Y.S.*</b> and Ofomaja, A.E. (2005), Kinetics and thermodynamics of lead ion sorption on palm kernel fibre from aqueous solution. <i>Process Biochemistry</i> , <b>40</b> (11), 3455-3461.				
Document type: Article	Language: English	Cited references: 22	Times cited: 55	Times self cited: 9
Rank 12 <sup>nd</sup> in citation from 487 papers of <i>Process Biochemistry</i> (2005), Rank 127 <sup>th</sup> in citation from 4,411 articles of <i>Process Biochemistry</i> (from year 1971, Volume 6 (1) to year 2010, Volume 45 (1)), Last data updates: 17 March 2010				
40. <b>Ho, Y.S.*</b> and Ofomaja, A.E. (2005), Effects of calcium competition on lead sorption by palm kernel fibre. <i>Journal of Hazardous Materials</i> , <b>120</b> (1-3), 157-162.				
Document type: Article	Language: English	Cited references: 26	Times cited: 9	Times self cited: 3
41. <b>Ho, Y.S.*</b> (2005), Comment on "Nitrate removal from aqueous solution by adsorption onto various materials" by N. Öztürk, T.E. Bektaş. <i>Journal of Hazardous Materials</i> , <b>118</b> (1-3), 253-254.				
Document type: Article	Language: English	Cited references: 13	Times cited: 4	Times self cited: 0
42. <b>Ho, Y.S.*</b> (2005), Effect of pH on lead removal from water using tree fern as the sorbent. <i>Bioresource Technology</i> , <b>96</b> (11), 1292-1296.				
Document type: Article	Language: English	Cited references: 15	Times cited: 44	Times self cited: 2
Rank 27 <sup>th</sup> in citation from 267 papers of <i>Bioresource Technology</i> (2005), Last data updates: 20 August 2010				
43. <b>Ho, Y.S.*</b> , Chiu, W.T. and Wang, C.C. (2005), Regression analysis for the sorption isotherms of basic dyes on sugarcane dust. <i>Bioresource Technology</i> , <b>96</b> (11), 1285-1291.				
Document type: Article	Language: English	Cited references: 31	Times cited: 104	Times self cited: 3
Rank 5 <sup>th</sup> in citation from 267 papers of <i>Bioresource Technology</i> (2005); Rank 60 <sup>th</sup> in citation from 7,158 papers of <i>Process Biochemistry</i> (from year 1991, Volume 35 (2) to year 2010, Volume 101 (60)), Last data updates: 20 August 2010				
44. Chiu, W.T. and <b>Ho, Y.S.*</b> (2005), Bibliometric analysis of homeopathy research during the period of 1991 to 2003. <i>Scientometrics</i> , <b>63</b> (1), 3-23.				
Document type: Article	Language: English	Cited references: 15	Times cited: 13	Times self cited: 7
Rank 9 <sup>th</sup> in citation from 91 articles of <i>Scientometrics</i> (2005), Last data updates: 01 January 2009				
45. <b>Ho, Y.S.*</b> (2005), Comments on "Chitosan functionalized with 2[-bis-(pyridylmethyl)aminomethyl]4-methyl-6-formyl-phenol: Equilibrium and kinetics of copper(II) adsorption". <i>Polymer</i> , <b>46</b> (5), 1451-1452.				
Document type: Article	Language: English	Cited references: 17	Times cited: 2	Times self cited: 0
46. <b>Ho, Y.S.*</b> , Chiang, T.H. and Hsueh, Y.M. (2005), Removal of basic dye from aqueous solution using tree fern as a biosorbent. <i>Process Biochemistry</i> , <b>40</b> (1), 119-124.				
Document type: Article	Language: English	Cited references: 23	Times cited: 94	Times self cited: 7
Rank 2 <sup>nd</sup> in citation from 487 papers of <i>Process Biochemistry</i> (2005); Rank 37 <sup>th</sup> in citation from 4,576 papers of <i>Process Biochemistry</i> (from year 1971, Volume 6 (1) to year 2010, Volume 45 (8)), Last data updates: 20 August 2010				

47. **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: 19	Times self cited: 2
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Rank 11<sup>th</sup> in citation from 212 articles of *Water Air and Soil Pollution* (2004), Last data updates: 01 January 2009

48. **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: 32	Times self cited: 4
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Rank 1<sup>st</sup> in citation from 29 articles of *Adsorption-Journal of the International Adsorption Society* (2004); Rank 29<sup>th</sup> in citation from 453 articles of *Adsorption-Journal of the International Adsorption Society* (from year 1995, Volume 1 (3) to year 2008, Volume 14 (6)), Last data updates: 01 January 2009

49. Chiu, W.T., Huang, J.S. and **Ho, Y.S.\*** (2004), Bibliometric analysis of severe acute respiratory syndrome-related research in the beginning stage. *Scientometrics*, **61** (1), 69-77.

Document type: Article	Language: English	Cited references: 11	Times cited: 9	Times self cited: 3
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Rank 30<sup>th</sup> in citation from 66 articles of *Scientometrics* (2004), Last data updates: 01 January 2009

50. 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: 4	Times self cited: 4
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Rank 40<sup>th</sup> in citation from 66 articles of *Scientometrics* (2004), Last data updates: 01 January 2009

51. **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: 79	Times self cited: 12
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ISI highly cited article

Rank 1<sup>st</sup> in citation from 127 articles of *Hydrometallurgy* (2004); Rank 13<sup>rd</sup> in citation from 2,852 articles of *Hydrometallurgy* (from year 1977, Volume 2 (4) to year 2008, Volume 104 (1)), Last data updates: 04 September 2009

52. **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: 54	Times self cited: 15
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Rank 8<sup>th</sup> in citation from 224 papers of *Process Biochemistry* (2004), Rank 174<sup>th</sup> in citation from 4,411 articles of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2010, Volume 45 (1)), Last data updates: 17 March 2010

53. **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: 10	Times self cited: 3
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Rank 4<sup>th</sup> in citation from 42 articles of *Process Safety and Environmental Protection* (2003), Rank 72<sup>nd</sup> in citation from 696 articles of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2008, Volume 88 (B5)), Last data updates: 10 October 2010

54. **Ho, Y.S.**, Chiu, C.H., Tseng, T.M. and Chiu, W.T. (2003), Assessing stem cell research productivity. *Scientometrics*, **57** (3), 369-376.

Document type: Article	Language: English	Cited references: 14	Times cited: 5	Times self cited: 2
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55. **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: 98	Times self cited: 2
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Rank 1<sup>st</sup> in citation from 174 papers of *Process Biochemistry* (2003); Rank 30<sup>th</sup> in citation from 4,576 papers of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2010, Volume 45 (8)), Last data updates: 20 August 2010

56. **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: 197	Times self cited: 19
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ISI highly cited article

Rank 3<sup>rd</sup> in citation from 547 papers of *Water Research* (2003), Rank 66<sup>th</sup> in citation from 12,843 articles of *Water Research* (from year 1967, Volume 1 (1) to year 2008, Volume 44 (15)), Last data updates: 10 October 2010

Rank 7<sup>th</sup>/81 in *Water Research*; and rank 4<sup>th</sup>/18 in Taiwan; and rank 535<sup>th</sup>/2,542 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)

57. **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: 44	Times self cited: 0
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Rank 1<sup>st</sup> in citation from 85 papers of *Adsorption Science & Technology* (2002), Rank 6<sup>th</sup> in citation from 1009 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2010, Volume 27 (10)), Last data updates: 08 October 2010

58. **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: 176	Times self cited: 5
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Rank 1<sup>st</sup> in citation from 211 papers of *Water Air and Soil Pollution* (2002), Rank 12<sup>nd</sup> in citation from 7,334 papers of *Water Air and Soil Pollution* (from year 1975, Volume 4 (1) to year 2010, Volume 210 (1-4)), Last data updates: 20 August 2010

Rank 1<sup>st</sup>/1 in *Water Air and Soil Pollution*; and rank 14<sup>th</sup>/83 in China, and rank 734<sup>th</sup>/2,542 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)

59. **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: 158	Times self cited: 14
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Rank 1<sup>st</sup> in citation from 211 papers of *Process Biochemistry* (2002); Rank 8<sup>th</sup> in citation from 4,576 papers of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2010, Volume 45 (8)), Last data updates: 20 August 2010

60. **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: 74	Times self cited: 15
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Rank 3<sup>rd</sup> in citation from 211 papers of *Separation Science and Technology* (2001), Rank 50<sup>th</sup> in citation from 5,199 papers of *Separation Science and Technology* (from year 1978, Volume 13 (1) to year 2008, Volume 45 (11)), Last data updates: 20 August 2010

61. **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: 150	Times self cited: 16
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Rank 1<sup>st</sup> in citation from 28 papers of *Adsorption-Journal of the International Adsorption Society* (2001), Rank 1<sup>st</sup> in citation from 760 papers of *Adsorption-Journal of the International Adsorption Society* (from year 1995, Volume 1 (3) to year 2010, Volume 15 (5-6)), Last data updates: 01 May 2010

Rank 1<sup>st</sup>/1 in *Adsorption-Journal of the International Adsorption Society*; and rank 16<sup>th</sup>/71 in Taiwan, and rank 5,326<sup>th</sup>/11,479 in the world, in the field of Chemistry. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)

62. **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: 117	Times self cited: 4
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Rank 2<sup>nd</sup> in citation from 211 papers of *Separation Science and Technology* (2001), Rank 15<sup>th</sup> in citation from 5,199 papers of *Separation Science and Technology* (from year 1978, Volume 13 (1) to year 2008, Volume 45 (11)), Last data updates: 20 August 2010

63. **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: 20	Times self cited: 1
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Rank 26<sup>th</sup> in citation from 208 articles of *Water Air and Soil Pollution* (2000), Last data updates: 01 January 2009

64. **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: 79	Times self cited: 5
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Rank 1<sup>st</sup> in citation from 71 papers of *Adsorption Science & Technology* (2000), Rank 1<sup>st</sup> in citation from 1009 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2010, Volume 27 (10)), Last data updates: 08 October 2010

65. **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: 611	Times self cited: 49
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Rank 1<sup>st</sup> in citation from 531 papers of *Water Research* (2000), Rank 5<sup>th</sup> in citation from 12,843 articles of *Water Research* (from year 1967, Volume 1 (1) to year 2008, Volume 44 (15)), Last data updates: 10 October 2010

Rank 72<sup>nd</sup> in citation from 230,287 adsorption related articles in SCI-Expanded since 1900, Last data updates: 01 October 2010

Rank 1<sup>st</sup>/77 in *Water Research*; and 1<sup>st</sup>/82 in China; and rank 44<sup>th</sup>/2,526 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)

66. **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: 26	Times self cited: 2
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Rank 77<sup>th</sup> in citation from 488 articles of *Chemical Engineering Science* (2000), Last data updates: 01 January 2009

67. **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: 51	Times self cited: 0
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Rank 1<sup>st</sup> in citation from 28 articles of *Adsorption-Journal of the International Adsorption Society* (2001), Rank 5<sup>th</sup> in citation from 705 papers of *Adsorption-Journal of the International Adsorption Society* (from year 1995, Volume 1 (3) to year 2008, Volume 14 (6)), Last data updates: 19 February 2009

68. **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: 1156	Times self cited: 30
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Rank 1<sup>st</sup> in citation from 168 papers of *Process Biochemistry* (1999); Rank 1<sup>st</sup> in citation from 4,576 papers of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2010, Volume 45 (1)), Last data updates: 20 August 2010

Rank 20<sup>th</sup> in citation from 230,287 adsorption related articles in SCI-Expanded since 1900, Last data updates: 01 October 2010

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

69. **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: 21	Times self cited: 11
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Rank 2<sup>nd</sup> in citation from 72 papers of *Adsorption Science & Technology* (1999), Rank 14<sup>th</sup> in citation from 1009 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2010, Volume 27 (10)), Last data updates: 08 October 2010

70. **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: 65	Times self cited: 5
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Rank 1<sup>st</sup> in citation from 35 articles of *Process Safety and Environmental Protection* (1999); Rank 3<sup>rd</sup> in citation from 696 articles of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2008, Volume 88 (B5)), Last data updates: 10 October 2010

71. **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: 108	Times self cited: 17
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Rank 1<sup>st</sup> in citation from 118 articles of *Journal of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering* (1999); Rank 1<sup>st</sup> in citation from

1,534 articles of Environmental Science and Health Part A-Toxic/Hazardous Substances & Environmental Engineering (from year 1979, Volume 14 (7) to year 2008, Volume 43 (14)), Last data updates: 01 January 2009

72. **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: 114	Times self cited: 24
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Rank 2<sup>nd</sup> in citation from 60 articles of *Resources, Conservation and Recycling* (1999), Rank 3<sup>rd</sup> in citation from 975 articles of *Resources, Conservation and Recycling* (from year 1989, Volume 3 (1) to year 2008, Volume 52 (11)), Last data updates: 01 January 2009

73. **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: 316	Times self cited: 9
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Rank 2<sup>nd</sup> in citation from 455 papers of *Water Research* (1999), Rank 21<sup>st</sup> in citation from 12,843 articles of *Water Research* (from year 1967, Volume 1 (1) to year 2008, Volume 44 (15)), Last data updates: 10 October 2010

Rank 6<sup>th</sup> in *Water Research*; rank 1<sup>st</sup> in Taiwan; rank 4<sup>th</sup> in China, and rank 317<sup>th</sup> 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.)

74. **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: 48	Times self cited: 11
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Rank 3<sup>rd</sup> in citation from 35 articles of *Process Safety and Environmental Protection* (1998); Rank 6<sup>th</sup> in citation from 696 articles of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2008, Volume 88 (B5)), Last data updates: 10 October 2010

75. **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: 247	Times self cited: 25
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Rank 1<sup>st</sup> in citation from 35 articles of *Process Safety and Environmental Protection* (1998); Rank 1<sup>st</sup> in citation from 696 articles of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2008, Volume 88 (B5)), Last data updates: 10 October 2010

76. **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: 156	Times self cited: 23
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Rank 1<sup>st</sup> in citation from 132 articles of *Canadian Journal of Chemical Engineering* (1998), Rank 10<sup>th</sup> in citation from 6,296 articles of *Canadian Journal of Chemical Engineering* (from year 1964, Volume 42 (1) to year 2008, Volume 88 (4)), Last data updates: 10 October 2010

77. **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: 74	Times self cited: 15
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Rank 1<sup>st</sup> in citation from 72 papers of *Adsorption Science & Technology* (1998), Rank 2<sup>nd</sup> in citation from 1009 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2010, Volume 27 (10)), Last data updates: 10 October 2010

78. **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: 536	Times self cited: 46
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Rank 1<sup>st</sup> in citation from 74 papers of *Chemical Engineering Journal* (1998), Rank 1<sup>st</sup> in citation from 3,809 papers of *Chemical Engineering Journal* (from year 1996, Volume 63 (1) to year 2010, Volume 162 (1)), Last data updates: 27 August 2010

Rank 107<sup>th</sup> in citation from 230,287 adsorption related articles in SCI-Expanded since 1900, Last data updates: 01 October 2010

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

79. **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: 219	Times self cited: 31
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Rank 2<sup>nd</sup> in citation from 35 articles of *Process Safety and Environmental Protection* (1998), Rank 2<sup>nd</sup> in citation from 696 articles of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2008, Volume 88 (B5)), Last data updates: 10 October 2010

80. **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: 35	Times self cited: 6
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Rank 3<sup>rd</sup> in citation from 46 papers of *Water SA* (1996), Last data updates: 10 October 2010

81. **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: 201	Times self cited: 36
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Rank 1<sup>st</sup> in citation from 150 articles of *Environmental Technology* (1996), Rank 1<sup>st</sup> in citation from 2,953 articles of *Environmental Technology* (from year 1990, Volume 11 (1) to year 2009, Volume 31 (12)), Last data updates: 10 October 2010

82. **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: 173	Times self cited: 17
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Rank 2<sup>nd</sup> in citation from 375 papers of *Water Research* (1995), Rank 80<sup>th</sup> in citation from 12,843 articles of *Water Research* (from year 1967, Volume 1 (1) to year 2008, Volume 44 (15)), Last data updates: 10 October 2010

83. **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: 56	Times self cited: 20
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Rank 1<sup>st</sup> in citation from 26 articles of *Process Safety and Environmental Protection* (1994), Rank 3<sup>rd</sup> in citation from 696 articles of *Process Safety and Environmental Protection* (from year 1990, Volume 68 (B3) to year 2008, Volume 88 (B5)), Last data updates: 10 October 2010

### First or Corresponding Author, Review Papers

84. Han, J.S. and **Ho, Y.S.\*** (2010), Global trends and performances of acupuncture research. *Neuroscience and Biobehavioral Reviews*, (in press).

Document type: Review	Language: English	Cited references: 58	Times cited: 0	Times self cited: 0
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85. 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: 0	Times self cited: 0
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86. 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: 0	Times self cited: 0
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87. **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: 159	Times self cited: 13
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Rank 1<sup>st</sup> in citation from 766 papers of *Journal of Hazardous Materials* (2006), Rank 10<sup>th</sup> in citation from 9,601 papers of *Journal of Hazardous Materials* (from year 1977, Volume 2 (1) to year 2010, Volume 181 (1-3)), Last data updates: 10 October 2010

Rank 8<sup>th</sup>/388 in *Journal of Hazardous Materials*; and rank 9<sup>th</sup>/216 in Taiwan, and rank 511<sup>th</sup>/7,234 in the world, in the field of Engineering. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)

88. **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: 169	Times self cited: 25
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ISI highly cited article

Rank 1<sup>st</sup> in citation from 101 papers of *Scientometrics* (2004), Rank 1<sup>st</sup> in citation from 2,871 papers of *Scientometrics* (from year 1979, Volume 1 (2) to year 2010, Volume 85 (2)), Last data updates: 10 October 2010

Rank 1<sup>st</sup>/32 in *Scientometrics*; and rank 2<sup>nd</sup>/18 in Taiwan, and rank 158<sup>th</sup>/4,268 in the world, in the field of General Social Sciences. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)

89. **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: 164	Times self cited: 3
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Rank 1<sup>st</sup> in citation from 11 papers of *Separation and Purification Methods* (2000), Rank 6<sup>th</sup> in citation from 188 papers of *Separation and Purification Methods* (from year 1972, Volume 1 (2) to year 2002, Volume 31 (2)), Last data updates: 01 May 2010

Rank 35<sup>th</sup>/891 in China, and rank 487<sup>th</sup>/7,234 in the world, in the field of Engineering. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)

### Meeting Abstract Papers

90. 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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91. 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

92. **Ho, Y.S.\*** (2010), Comments on using of “initial adsorption rate” [J. Hazard. Mater. 173]. *Journal of Hazardous Materials*, **179** (1-3), 1165.

Document type: Letter	Language: English	Cited references: 8	Times cited: 0	Times self cited: 0
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93. **Ho, Y.S.\*** (2010), Comments on “Removal and recovery of Cu(II) and Zn(II) using immobilized *Mentha arvensis* distillation waste biomass”. *Ecological Engineering*, **36** (6), 832.

Document type: Letter	Language: English	Cited references: 7	Times cited: 0	Times self cited: 0
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94. **Ho, Y.S.\*** (2010), Comments on “Effect of pH, ionic strength and temperature on the sorption of radionickel on Na-montmorillonite”. *Applied Radiation and Isotopes*, **68** (3), 466.

Document type: Letter	Language: English	Cited references: 12	Times cited: 0	Times self cited: 0
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95. **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]. *Chemosphere*, **77** (10), 1453.

Document type: Letter	Language: English	Cited references: 7	Times cited: 1	Times self cited: 0
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96. **Ho, Y.S.\*** (2009), Comments on “Determining technology trends and forecasts of RFID by a historical review and bibliometric analysis from 1991 to 2005”. *Technovation*, **29** (10), 725-727.

Document type: Letter	Language: English	Cited references: 1	Times cited: 0	Times self cited: 0
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97. **Ho, Y.S.\*** (2009), Comments on “Adsorption of Ga(III) on oxidized coir”. *Industrial & Engineering Chemistry Research*, **48** (12), 5920.

Document type: Letter	Language: English	Cited references: 6	Times cited: 0	Times self cited: 0
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98. **Ho, Y.S.\*** (2009), Comment on “Thermodynamics and kinetics of adsorption of Cu(II) onto waste iron oxide”. *Journal of Hazardous Materials*, **162** (1), 539.

Document type: Letter	Language: English	Cited references: 11	Times cited: 1	Times self cited: 0
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99. **Ho, Y.S.\*** (2008), Comments on “Sol-gel-immobilized recombinant E. coli for biosorption of Cd<sup>2+</sup>”. *Journal of the Chinese Institute of Chemical Engineers*, **39** (5), 539.

Document type: Letter	Language: English	Cited references: 7	Times cited: 0	Times self cited: 0
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100. **Ho, Y.S.\*** (2007), Comments on “An adsorption and kinetic study of lac dyeing on silk”. *Dyes and Pigments*, **72** (1), 134-136.

Document type: Letter	Language: English	Cited references: 38	Times cited: 2	Times self cited: 0
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101. **Ho, Y.S.\*** (2006), Comment on “Remediation of soil contaminated with the heavy metal (Cd<sup>2+</sup>)”. *Journal of Hazardous Materials*, **134** (1-3), 41-42.

Document type: Letter	Language: English	Cited references: 13	Times cited: 2	Times self cited: 0
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102. **Ho, Y.S.\*** (2006), Comment on “Equilibrium and kinetics studies of adsorption of copper(II)

on chitosan and chitosan/PVA beads”. *International Journal of Biological Macromolecules*, **38** (2), 148-149.

Document type: Letter	Language: English	Cited references: 17	Times cited: 2	Times self cited: 0
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103. **Ho, Y.S.\*** (2005), Comments on “Study on biosorption of Cr(VI) by *Mucor hiemalis*”.  
*Biochemical Engineering Journal*, **26** (1), 82-83.

Document type: Letter	Language: English	Cited references: 15	Times cited: 3	Times self cited: 1
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104. **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: 2	Times self cited: 1
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105. **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: 105	Times cited: 5	Times self cited: 4
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106. **Ho, Y.S.\*** (2005), Comment on “Biosorption of cadmium using the fungus *Aspergillus niger*”.  
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Rank 6<sup>th</sup>/7 in *Separation and Purification Methods*; and rank 137<sup>th</sup>/910 in China, and rank 2,161<sup>th</sup>/8,018 in the world, in the field of Engineering. (Essential Science Indicators<sup>SM</sup> has been updated as of March 1, 2010 to cover an 11-year period, January 1, 1999-December 31, 2009.)

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

### Journal's Editor

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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 0.624, 161/181 (2009)
2. Journal of Environmental Protection Science  
Executive Editors

### Member of Editorial Board

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1. Bioresource Technology: A SCI and Elsevier Sci Ltd (2008)  
Agricultural Engineering: Impact Factor 4.253, 1/11 (2009)  
Biotechnology & Applied Microbiology: Impact Factor 4.253, 21/150 (2009)  
Energy & Fuels: Impact Factor 4.253, 4/70 (2009)
2. Polish Journal of Environmental Studies: A SCI and HARD (2005-)  
Environmental Sciences: Impact Factor 0.947, 137/180 (2009)

3. Environmental Engineering and Management Journal: A SCI and Gh Asachi Technical Univ Iasi (2009-)  
Environmental Sciences: Impact Factor 0.885, 143/160 (2009)
4. Desalination and Water Treatment: A SCI and Desalination Publ (2009-)  
Chemical Engineering: Impact Factor , 124/126 (2009)  
Water Resources: Impact Factor , 65/66 (2009)

#### **International Judge**

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1. Judge for Environmental Design Competition 2004 at United Arab Emirates University
2. Examiner for a PhD thesis entitled “Adsorption dynamics on the removal of dyes, phenol and chlorophenols from wastewater by activated carbon prepared from an agricultural solid waste: Coir pith” in Environmental Chemistry Division, Department of Environmental Sciences, Bharathiar University, India, 2004.
3. Examiner for a PhD thesis entitled “Studies on management of chromium(VI) and lead(II) contaminated industrial effluent using sorption method” in Department of Chemistry, University of Calcutta, India, 2005.
4. Examiner for a PhD thesis entitled “Bibliometric analysis of the fisheries journals on India” in Department of Library and Information Sciences, Manonmaniam Sundaranar University, India, 2009.

#### **Membership in Journal’s Referee Panel**

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1. 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. Journal of Environmental Quality: A SCI and Amer Soc Agronomy Publication  
Environmental Sciences: Impact Factor 2.291, 54/180 (2009)
3. 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)
4. Industrial & Engineering Chemistry Research: A SCI and The Marcel Dekker Inc Publication  
Chemical Engineering: Impact Factor 1.758, 35/126 (2009)
5. Colloids and Surfaces A-Physicochemical and Engineering Aspects: A SCI and Elsevier Science BV Publication  
Physical Chemistry: Impact Factor 1.988, 62/121 (2009)
6. Water Research: A SCI and Pergamon-Elsevier Science Ltd Publication  
Civil Engineering: Impact Factor 1.616, 1/63 (1998)  
Environmental Engineering: Impact Factor 4.355, 3/42 (2009)  
Environmental Sciences: Impact Factor 4.355, 8/180 (2009)  
Water Resources: Impact Factor 4.355, 1/66 (2009)
7. 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)  
 Food Science & Technology: Impact Factor 2.469, 10/118 (2009)
8. Journal of Colloid and Interface Science: A SCI and Academic Press Inc  
 Physical Chemistry: Impact Factor 3.019, 37/121 (2009)
  9. 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)
  10. Chemosphere: A SCI and Pergamon-Elsevier Science Ltd  
 Environmental Sciences: Impact Factor 3.253, 22/180 (2009)
  11. Environmental Science & Technology, A SCI and Amer Chemical Soc Publication  
 Environmental Engineering: Impact Factor 4.630, 2/42 (2009)  
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  12. Journal of Environmental Management, A SCI and Academic Press Ltd Publication  
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 Immunology: Impact Factor 6.750, 11/119 (2007)  
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 Microbiology: Impact Factor 6.750, 9/94 (2007)
  14. Journal of Hazardous Materials: A SCI and Elsevier Science BV  
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 Civil Engineering: Impact Factor 2.337, 1/88 (2007)  
 Environmental Sciences: Impact Factor 2.337, 32/160 (2007)
  15. Biotechnology and Bioengineering: A SCI and John Wiley & Sons Inc  
 Biotechnology & Applied Microbiology: Impact Factor 3.037, 34/138 (2007)
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 Agricultural Engineering: Impact Factor 4.253, 1/11 (2009)  
 Biotechnology & Applied Microbiology: Impact Factor 4.253, 21/150 (2009)  
 Energy & Fuels: Impact Factor 4.253, 4/70 (2009)
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 Biotechnology & Applied Microbiology: Impact Factor 1.872, 33/138 (2007)  
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Mineralogy: Impact Factor 1.861, 6/25 (2007)
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Biophysics: Impact Factor 2.109, 40/69 (2007)  
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Biomaterials Materials Science: Impact Factor 2.109, 6/16 (2007)
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Physical Chemistry: Impact Factor 4.009, 21/110 (2007)
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Biotechnology & Applied Microbiology: Impact Factor 0.745, 115/138 (2007)
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Environmental Sciences: Impact Factor 0.435, 147/160 (2007)
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Chemical Engineering: Impact Factor 0.875, 51/114 (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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Biochemistry & Molecular Biology: Impact Factor 1.643, 194/263 (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)
40. Journal of Materials Research: A SCI and Materials Research Society  
Multidisciplinary Materials Science: Impact Factor 1.916, 39/189 (2007)
41. Journal of Environmental Engineering and Science: A SCI and Natl Research Council  
Canada-N R C Research Press  
Environmental Engineering: Impact Factor 0.639, 31/37 (2007)  
Environmental Sciences: Impact Factor 0.639, 136/160 (2007)
42. Biotechnology and Bioprocess Engineering: A SCI and Korean Soc Biotechnology &  
Bioengineering  
Biotechnology & Applied Microbiology: Impact Factor 1.694, 82/138 (2007)
43. Environmental Chemistry Letters: A SCI and Springer Heidelberg  
Multidisciplinary Chemistry: Impact Factor 1.080, 60/127 (2007)  
Environmental Engineering: Impact Factor 1.080, 20/37 (2007)  
Environmental Sciences: Impact Factor 1.080, 98/160 (2007)
44. Biotechnology Advances: A SCI and Pergamon-Elsevier Science Ltd  
Biotechnology & Applied Microbiology: Impact Factor 5.236, 10/138 (2007)
45. Journal of Food Process Engineering: A SCI and Blackwell Publishing  
Chemical Engineering: Impact Factor 0.849, 53/114 (2007)  
Food Science & Technology: Impact Factor 0.849, 56/103 (2007)
46. Reactive & Functional Polymers: A SCI and Elsevier Science BV  
Applied Chemistry: Impact Factor 1.720, 19/62 (2007)  
Chemical Engineering: Impact Factor 1.720, 21/114 (2007)  
Polymer Science: Impact Factor 1.720, 23/74 (2007)
47. Composites Science and Technology: A SCI and Elsevier Sci Ltd  
Composites Materials Science: Impact Factor 2.171, 1/21 (2007)
48. Environmental Engineering Science: A SCI and Mary Ann Liebert Inc Publ  
Environmental Engineering: Impact Factor 0.944, 25/37 (2007)  
Environmental Sciences: Impact Factor 0.944, 110/160 (2007)
49. Journal of Materials Science: A SCI and Springer  
Multidisciplinary Materials Science: Impact Factor 1.081, 84/189 (2007)
50. Journal of Environmental Sciences-China: A SCI and Science China Press  
Environmental Sciences: Impact Factor 0.480, 142/160 (2007)
51. 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)
52. Environmental Chemistry: A SCI and Csiro Publishing  
 Analytical Chemistry: Impact Factor 2.809, 18/70 (2007)  
 Environmental Sciences: Impact Factor 2.809, 22/160 (2007)
53. Water Air and Soil Pollution: A SCI and Kluwer Academic Publ  
 Environmental Sciences: Impact Factor 1.224, 88/160 (2007)  
 Meteorology & Atmospheric Sciences: Impact Factor 1.224, 33/51 (2007)  
 Water Resources: Impact Factor 1.224, 21/59 (2007)
54. Fresenius Environmental Bulletin: A SCI and Inst Lebensmitteltechnologie Analytische  
 Chemie  
 Environmental Sciences: Impact Factor 0.429, 148/160 (2007)
55. Journal of Hydrology: A SCI and Elsevier Science BV  
 Civil Engineering: Impact Factor 2.161, 2/88 (2007)  
 Multidisciplinary Geosciences: Impact Factor 2.161, 29/137 (2007)  
 Water Resources: Impact Factor 2.161, 3/59 (2007)
56. Water Environment Research: A SCI and Water Environment Federation  
 Environmental Engineering: Impact Factor 1.118, 17/37 (2007)  
 Environmental Sciences: Impact Factor 1.118, 96/160 (2007)  
 Limnology: Impact Factor 1.118, 9/19 (2007)  
 Water Resources: Impact Factor 1.118, 25/59 (2007)
57. Journal of Environmental Engineering-ASCE: A SCI and ASCE-Amer Soc Civil Engineers  
 Environmental Engineering: Impact Factor 1.174, 16/37 (2007)  
 Civil Engineering: Impact Factor 1.174, 9/88 (2007)  
 Environmental Sciences: Impact Factor 1.174, 92/160 (2007)
58. Journal of the Brazilian Chemical Society: A SCI and Soc Brasileira Quimica  
 Multidisciplinary Chemistry: Impact Factor 1.539, 45/128 (2007)
59. Biotechnology Progress: A SCI and A SCI and Amer Chemical Soc  
 Biotechnology & Applied Microbiology: Impact Factor 2.224, 59/138 (2007)  
 Food Science & Technology: Impact Factor 2.224, 11/103 (2007)
60. Journal of the Chemical Society of Pakistan: A SCI and Chem Soc Pakistan  
 Multidisciplinary Chemistry: Impact Factor 0.095, 128/127 (2007)
61. 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)
62. Water Science and Technology: A SCI and Pergamon-Elsevier Science Ltd  
 Environmental Engineering: Impact Factor 1.240, 15/37(2007)  
 Environmental Sciences: Impact Factor 1.240, 84/160 (2007)  
 Water Resources: Impact Factor 1.240, 19/59 (2007)
63. Science of the Total Environment: A SCI and Elsevier Science BV

- Environmental Sciences: Impact Factor 2.182, 38/160 (2007)
64. Adsorption Science & Technology: A SCI and Multi Science Publ Co Ltd  
 Applied Chemistry: Impact Factor 0.424, 48/60 (2008)  
 Physical Chemistry: Impact Factor 0.424, 110/113 (2008)  
 Chemical Engineering: Impact Factor 0.424, 85/116 (2008)
  65. Science and Engineering Ethics: A SCI and Springer  
 Multidisciplinary Engineering: Impact Factor 0.563, 41/68 (2008)  
 History & Philosophy of Science: Impact Factor 0.563, 14/41 (2008)  
 Multidisciplinary Sciences: Impact Factor 0.563, 25/42 (2008)
  66. Powder Technology: A SCI and Elsevier Science SA  
 Chemical Engineering: Impact Factor 1.766, 26/116 (2008)
  67. Asia-Pacific Journal of Chemical Engineering: A SCI and John Wiley & Sons Inc  
 Chemical Engineering: Impact Factor 0.141, 107/116 (2008)
  68. Coloration Technology: A SCI and Soc Dyers Colourists  
 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)
  69. Surface and Interface Analysis: A SCI and John Wiley & Sons Ltd  
 Physical Chemistry: Impact Factor 1.272, 79/113 (2008)
  70. Advances in Colloid and Interface Science: A SCI and Elsevier Science BV  
 Physical Chemistry: Impact Factor 5.333, 13/113 (2008)
  71. International Journal of Chemical Reactor Engineering: A SCI and Berkeley Electronic Press  
 Chemical Engineering: Impact Factor 0.531, 75/116 (2008)
  72. Geoderma: A SCI and Elsevier Science BV  
 Soil Science: Impact Factor 2.068, 6/31 (2008)
  73. BMC Medical Research Methodology: A SCI and Biomed Central Ltd  
 Health Care Sciences & Services: Impact Factor 2.303, 22/69 (2009)
  74. 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)
  75. Desalination and Water Treatment: A SCI and Desalination Publ  
 Chemical Engineering: Impact Factor , 124/126 (2009)  
 Water Resources: Impact Factor , 65/66 (2009)
  76. BioResources: A SCI and North Carolina State Univ Dept Wood & Paper Sci  
 Materials Science, Paper & Wood: Impact Factor 1.406, 3/21 (2009)
  77. CLEAN - Soil, Air, Water: A SCI and Wiley-V C H Verlag Gmbh  
 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)
  78. 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)
79. 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)
80. Acta Chimica Slovenica: A SCI and Springer  
 Chemistry, Multidisciplinary: Impact Factor 1.093, 84/138 (2009)
81. Polish Journal of Chemical Technology: A SCI and Versita  
 Applied Chemistry: Impact Factor  
 Chemical Engineering: Impact Factor
82. ScienceAsia: A SCI and Thailand's Natl Science & Technology Development Agency  
 Multidisciplinary Sciences: Impact Factor
83. Frontiers of Environmental Science & Engineering in China: A SCI and Higher Education Press  
 Environmental Engineering: Impact Factor  
 Environmental Sciences: Impact Factor
84. International Journal of Physical Sciences: A SCI and Academic Journals  
 Multidisciplinary Sciences: Impact Factor 0.554, 26/48 (2009)
85. Ionics: A SCI and Springer Heidelberg  
 Physical Chemistry: Impact Factor 0.899, 92/121 (2009)  
 Electrochemistry: Impact Factor 0.899, 19/24 (2009)  
 Condensed Matter Physics: Impact Factor 0.899, 46/66 (2009)
86. Technovation: A SCI and Elsevier Science BV  
 Industrial Engineering: Impact Factor 2.466, 1/37 (2009)  
 Operations Research & Management Science: Impact Factor 2.466, 5/73 (2009)
87. Canadian Journal of Chemical Engineering: A SCI and Canadian Soc Chemical Engineering  
 Chemical Engineering: Impact Factor 0.630, 81/126 (2009)
88. African Journal of Environmental Science & Technology
89. Journal of Physics: Conference Series
90. Journal of the Indian Institute of Science
91. International Journal of Environment and Waste Management
92. Life Science Journal
93. Pakistan Journal of Analytical and Environmental Chemistry
94. The Open Textile Journal
95. Journal of Hydro-Environment Research
96. Chinese Journal of Environmental Engineering
97. International Journal of Environment and Waste Management
98. African Journal of Food Science
99. International Research Journal of Microbiology
100. International Food Research Journal

101. International Journal of Environmental Engineering
102. International Research Journal of Agricultural Science
103. Journal of Physical Chemistry
104. Iranian Journal of Biotechnology
105. Sage-Hindawi Access to Research
106. International Journal of Chemical Engineering
107. International Journal of Innovation and Technology Management

### Posts of Responsibility

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| Apr. 2002 -           | Deputy Commissioner of Department of Environmental Protection at the Health, Welfare and Environment Foundation |
| Apr. 1999 -           | Member of the Edit Committee of Welfare and Environment Foundation  |
| June 1998 -           | Associate Member AMIChemE of Institution of Chemical Engineers at the United Kingdom                            |
| Apr. 1999 - Mar. 2001 | Member of the Edit Committee of the Chinese Institute of Environmental Engineering                              |
| Apr. 1999 - July 1999 | Commissioner of Department of Environmental Protection at the Health, Welfare and Environment Foundation        |
| June 1994 - Dec. 1996 | Member of the Committee of the Chinese Institute of Engineers at the United Kingdom                             |

### Achievements

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| 2003 | ISI highly cited article. <b>Ho, Y.S.*</b> (2003), Removal of copper ions from aqueous solution by tree fern. <i>Water Research</i> , <b>37</b> (10), 2323-2330.  |
| 2004 | ISI highly cited article. <b>Ho, Y.S.*</b> , Chiu, W.T., Hsu, C.S. and Huang, C.T. (2004), Sorption of lead ions from aqueous solution using tree fern as a sorbent. <i>Hydrometallurgy</i> , <b>73</b> (1-2), 55-61.   |
| 2004 | ISI highly cited article. <b>Ho, Y.S.*</b> (2004), Citation review of Lagergren kinetic rate equation on adsorption reactions. <i>Scientometrics</i> , <b>59</b> (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 | <b>Ho, Y.S.*</b> and Ofomaja, A.E. (2006), Pseudo-second-order model for lead ion sorption from aqueous solutions onto palm kernel fiber. <i>Journal of Hazardous Materials</i> , <b>129</b> (1-3), 137-142. Rank 50 <sup>th</sup> in <i>Journal of Hazardous Materials</i> ; rank 6325 <sup>th</sup> in the world, rank 1 <sup>st</sup> in Nigeria, rank 379 <sup>th</sup> in China, and Rank 15 <sup>th</sup> 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 <b>Ho, Y.S.*</b> (2006), Review of second-order models for adsorption systems. <i>Journal of Hazardous Materials</i> , <b>136</b> (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 1<sup>st</sup> in *Chemical Engineering Journal*; and rank 3<sup>rd</sup> in Hong Kong University of Science and Technology, rank 12<sup>th</sup> in China, and rank 900<sup>th</sup> 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 6<sup>th</sup> in *Water Research*; rank 1<sup>st</sup> in Taiwan; rank 4<sup>th</sup> in China, and rank 317<sup>th</sup> 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 1<sup>st</sup>/4 in *Process Biochemistry*; and 1<sup>st</sup>/87 in China; and rank 85<sup>th</sup>/5,708 in the world, in the field of Biology & Biochemistry. (Essential Science Indicators<sup>SM</sup> has been updated as of March 1, 2010 to cover an 11-year period, January 1, 1999-December 31, 2009.)
- 2010 **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 1<sup>st</sup>/77 in *Water Research*; and 1<sup>st</sup>/82 in China; and rank 44<sup>th</sup>/2,526 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)
- 2010 **Ho, Y.S.\*** (2003), Removal of copper ions from aqueous solution by tree fern. *Water Research*, **37** (10), 2323-2330. Rank 7<sup>th</sup>/81 in *Water Research*; and rank 4<sup>th</sup>/18 in Taiwan; and rank 535<sup>th</sup>/2,542 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)
- 2010 **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 1<sup>st</sup>/1 in *Adsorption-Journal of the International Adsorption Society*; and rank 16<sup>th</sup>/71 in Taiwan, and rank 5,326<sup>th</sup>/11,479 in the world, in the field of Chemistry. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)
- 2010 **Ho, Y.S.\*** (2004), Citation review of Lagergren kinetic rate equation on adsorption reactions. *Scientometrics*, **59** (1), 171-177. Rank 1<sup>st</sup>/32 in *Scientometrics*; and rank 2<sup>nd</sup>/18 in Taiwan, and rank 158<sup>th</sup>/4,268 in the world, in the field of General Social Sciences. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)

- 2010 **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 35<sup>th</sup>/891 in China, and rank 487<sup>th</sup>/7,234 in the world, in the field of Engineering. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)
- 2010 **Ho, Y.S.\*** (2006), Review of second-order models for adsorption systems. *Journal of Hazardous Materials*, **136** (3), 681-689. Rank 8<sup>th</sup>/388 in *Journal of Hazardous Materials*; and rank 9<sup>th</sup>/216 in Taiwan, and rank 511<sup>th</sup>/7,234 in the world, in the field of Engineering. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)
- 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 6<sup>th</sup>/7 in *Separation and Purification Methods*; and rank 137<sup>th</sup>/910 in China, and rank 2,161<sup>th</sup>/8,018 in the world, in the field of Engineering. (Essential Science Indicators<sup>SM</sup> has been updated as of March 1, 2010 to cover an 11-year period, January 1, 1999-December 31, 2009.)
- 2010 **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 1<sup>st</sup>/1 in *Water Air and Soil Pollution*; and rank 14<sup>th</sup>/83 in China, and rank 734<sup>th</sup>/2,542 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)
- 2010 **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 36<sup>th</sup>/81 in *Water Research*; and rank 27<sup>th</sup>/83 in China; and rank 1,208<sup>th</sup>/2,542 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> has been updated as of November 1, 2010 to cover a 10-year + 8-month period, January 1, 2000-August 31, 2010.)