

# CURRICULUM VITAE

## Personal Data

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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 Engineering, Peking University, China

E-mail: dr\_ysho@hotmail.com

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

## Academic Background

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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

## Work Experience

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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**

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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: 331

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 Shammas, 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 from Web of Science Core Collection by years (Last data updates: 05 October 2017)

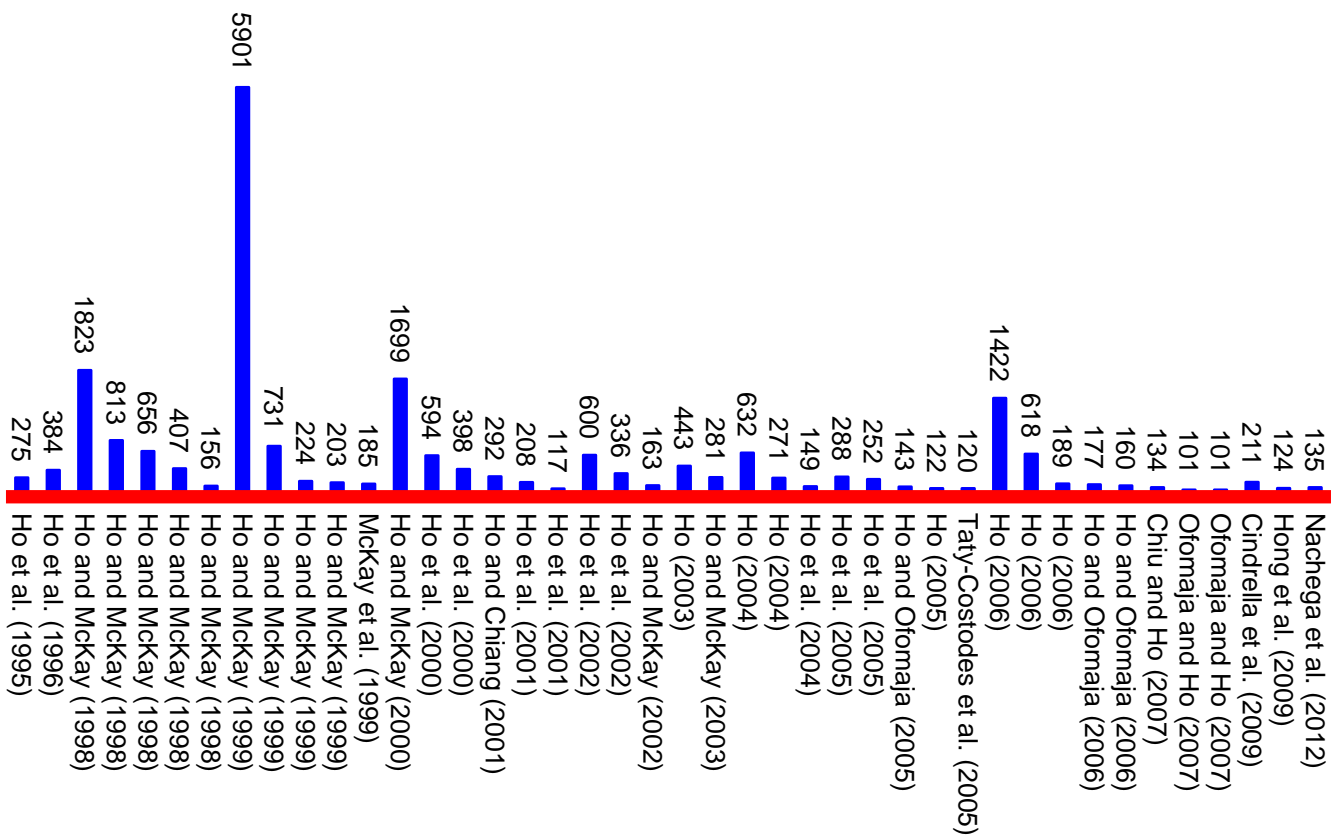
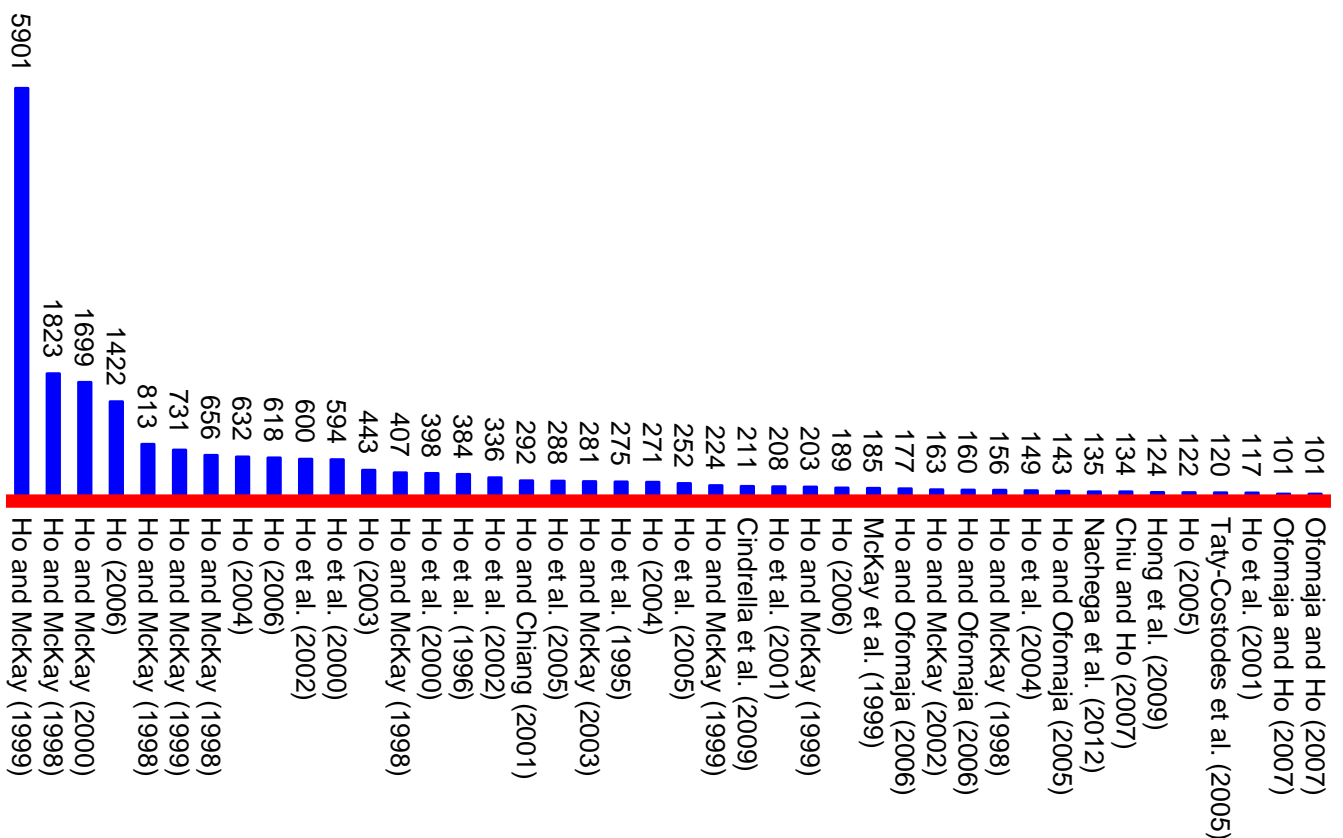


Figure 2. Papers have been cited at least 100 times from Web of Science Core Collection by total citations (05 October 2017)



### Scientific Papers (SCI-EXPANDED or SSCI)

Last data updates: 05 October 2017

Document type	In press	Publication	FP	CP	Times cited	CPP
Article	8	164	65	120	22320	136
Review	0	13	3	10	3116	240
Letter	2	49	47	47	482	9.84
Editorial material	0	29	26	29	111	3.83
Note	0	1	0	0	4	4.00
Meeting abstract	0	2	0	2	0	0
Proceedings paper	0	5	0	0	346	69.2
Correction	0	1	1	1	0	0
Total	10	264	142	209	26379	99.9

FP: Publications with first author

CP: Publications with corresponding author

CPP: Citations from Web of Science Core Collection per publication

h-index: 60

### PUBLICATIONS RELATED TO ADSORPTION

Last data updates: 05 October 2017

Document type	In press	Publication	FP	CP	Times cited	CPP
Article	0	66	50	36	20004	303
Review	0	4	3	2	2833	708
Letter	1	46	46	46	476	10.4
Editorial material	0	24	23	24	103	4.29
Correction	0	1	1	1	0	0
Total	1	141	123	109	23416	166

FP: Publications with first author

CP: Publications with corresponding author

CPP: Citations from Web of Science Core Collection per publication

h-index: 51

### First or Corresponding Author, Article Papers

1. **Ho, Y.S.\*** (2016), Comments on the paper "Simultaneous removal of mixed contaminants by organoclays - Amoxicillin and Cu(II) from aqueous solution". *Applied Clay Science*, **126**, 297-298. DOI: 10.1016/j.day.2016.03.031.

Document type: Article	Language: English	Cited references: 18	Times cited: 3
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2. 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. DOI: 10.5004/dwt.2011.1871.

Document type: Article	Language: English	Cited references: 17	Times cited: 19
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3. 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. DOI:

10.1016/j.desal.2010.07.010.

Document type: Article	Language: English	Cited references: 21	Times cited: 30
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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. DOI: 10.1002/clen.200900305.

Document type: Article	Language: English	Cited references: 17	Times cited: 12
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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. DOI: 10.1016/j.desal.2010.02.041.

Document type: Article	Language: English	Cited references: 24	Times cited: 49
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6. 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: 43
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7. 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. DOI: 10.1016/j.jhazmat.2009.01.014.

Document type: Article	Language: English	Cited references: 21	Times cited: 124
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Rank 383<sup>th</sup>/727 in *Journal of Hazardous Materials* and rank 4,028<sup>th</sup>/10,169 in the world, in the field of Engineering. (Essential Science Indicators has been updated as of July 14, 2016 to cover a 10-year plus 4-month period, January 1, 2006-April 30, 2016.)

8. 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. DOI: 10.1016/j.jhazmat.2008.09.098.

Document type: Article	Language: English	Cited references: 34	Times cited: 47
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9. **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. DOI: 10.1016/j.jcis.2009.01.025.

Document type: Article	Language: English	Cited references: 8	Times cited: 2
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10. 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. DOI: 10.1016/j.biortech.2007.11.018.

Document type: Article	Language: English	Cited references: 22	Times cited: 93
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11. **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. DOI: 10.1016/j.jhazmat.2007.12.030.

Document type: Article	Language: English	Cited references: 56	Times cited: 38
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12. 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. DOI: 10.1504/IJEP.2008.020810.

Document type: Article	Language: English	Cited references: 32	Times cited: 5
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13. 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. DOI: 10.1016/j.jhazmat.2006.06.039.

Document type: Article	Language: English	Cited references: 32	Times cited: 101
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Rank 268<sup>th</sup>/584 in *Journal of Hazardous Materials* and rank 5,259<sup>th</sup>/9,355 in the world, in the field of Engineering. (Essential Science Indicators<sup>SM</sup> has been updated as of March 1, 2013 to cover an 11-year period, January 1, 2002-December 31, 2012.)

14. 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. DOI: 10.1016/j.dyepig.2006.01.014.

Document type: Article	Language: English	Cited references: 36	Times cited: 101
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15. **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. DOI: 10.1016/j.jhazmat.2006.05.023.

Document type: Article	Language: English	Cited references: 21	Times cited: 59
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16. **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. DOI: 10.1016/j.bej.2006.02.012.

Document type: Article	Language: English	Cited references: 28	Times cited: 160
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Rank 2<sup>nd</sup> in citations from 211 papers of *Biochemical Engineering Journal* (2006), Last data updates: 19 December 2014

17. **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. DOI: 10.1016/j.jhazmat.2005.08.020.

Document type: Article	Language: English	Cited references: 16	Times cited: 177
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Rank 157<sup>th</sup>/719 in *Journal of Hazardous Materials* and rank 1,807<sup>th</sup>/9,971 in the world, in the field of Engineering. (Essential Science Indicators has been updated as of May, 2016)

18. **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: 189
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Rank 2<sup>nd</sup> in citations from 115 papers of *Polish Journal of Environmental Studies* (2006); **rank 2<sup>nd</sup>** in citations from 2,133 papers of *Polish Journal of Environmental Studies* (from year 2000, Volume 9 (1) to year 2014, Volume 25 (3)), Last data updates: 19 December 2014

19. **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. DOI: 10.1016/j.watres.2005.10.040.

Document type: Article	Language: English	Cited references: 21	Times cited: 618
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Rank 7<sup>th</sup>/153 in *Water Research* and rank 190<sup>th</sup>/3,800 in the world, in the field of Environment/Ecology. (Essential Science Indicators has been updated as of July 14, 2016 to cover a 10-year plus 4-month period, January 1, 2006-April 30, 2016.)

20. **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: 51
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21. **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. DOI: 10.1016/j.procbio.2005.02.017.

Document type: Article	Language: English	Cited references: 22	Times cited: 143
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Rank 15<sup>th</sup> in citations from 487 papers of *Process Biochemistry* (2005); Rank 78<sup>th</sup> in citations from 5,842 articles of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2014, Volume 49 (10)), Last data updates: 19 December 2014

22. **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. DOI: 10.1016/j.biortech.2004.10.021.

Document type: Article	Language: English	Cited references: 31	Times cited: 288
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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. DOI: 10.1016/j.biortech.2004.10.011.

Document type: Article	Language: English	Cited references: 15	Times cited: 122
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24. **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. DOI: 10.1016/j.jhazmat.2004.12.027.

Document type: Article	Language: English	Cited references: 26	Times cited: 20
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25. **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. DOI: 10.1016/j.jhazmat.2004.10.015.

Document type: Article	Language: English	Cited references: 13	Times cited: 3
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26. **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. DOI: 10.1016/j.polymer.2004.11.109.

Document type: Article	Language: English	Cited references: 17	Times cited: 4
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27. **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. DOI: 10.1016/j.procbio.2003.11.035.

Document type: Article	Language: English	Cited references: 23	Times cited: 252
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28. **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. DOI: 10.1023/B:WATE.0000044830.63767.a3.

Document type: Article	Language: English	Cited references: 68	Times cited: 88
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29. **Ho, Y.S.\*** (2004), Pseudo-isotherms using a second order kinetic expression constant. *Adsorption-Journal of the International Adsorption Society*, **10** (2), 151-158. DOI: 10.1023/B:ADSO.0000039870.28835.09.

Document type: Article	Language: English	Cited references: 20	Times cited: 76
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30. **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. DOI: 10.1016/j.hydromet.2003.07.008.

Document type: Article	Language: English	Cited references: 19	Times cited: 149
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ISI highly cited article

31. **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. DOI: 10.1016/S0032-9592(03)00184-5.

Document type: Article	Language: English	Cited references: 17	Times cited: 93
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32. **Ho, Y.S.\*** (2003), Removal of metal ions from sodium arsenate solution using tree fern. *Process Safety and Environmental Protection*, **81** (B5), 352-356. DOI: 10.1205/095758203770224388.

Document type: Article	Language: English	Cited references: 15	Times cited: 15
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33. **Ho, Y.S.\*** (2003), Removal of copper ions from aqueous solution by tree fern. *Water Research*, **37** (10), 2323-2330. DOI: 10.1016/S0043-1354(03)00002-2.

Document type: Article	Language: English	Cited references: 18	Times cited: 443
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ISI highly cited article

Rank 9<sup>th</sup>/88 in *Water Research*; and rank 469<sup>th</sup>/3,122 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> 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. (2003), Sorption of dyes and copper ions onto biosorbents. *Process Biochemistry*, **38** (7), 1047-1061. DOI: 10.1016/S0032-9592(02)00239-X.

Document type: Article	Language: English	Cited references: 29	Times cited: 281
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35. **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. DOI: 10.1016/S0032-9592(02)00036-5.

Document type: Article	Language: English	Cited references: 25	Times cited: 336
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Rank 1<sup>st</sup> in citations from 211 papers of *Process Biochemistry* (2002); Rank 10<sup>th</sup> in citations from 5,842 articles of *Process Biochemistry* (from year 1971, Volume 6 (1) to year 2014, Volume 49 (10)), Last data updates: 19 December 2014

36. **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. DOI: 10.1260/026361702321104282.

Document type: Article	Language: English	Cited references: 46	Times cited: 163
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Rank 1<sup>st</sup> in citations from 85 papers of *Adsorption Science & Technology* (2002), rank 4<sup>th</sup> in citations from 1,295 papers of *Adsorption Science & Technology* (from year 1996, Volume 13 (4) to year 2014, Volume 31 (8)), Last data updates: 18 April 2014

37. **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. DOI: 10.1023/A:1021304828010.

Document type: Article	Language: English	Cited references: 59	Times cited: 600
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Rank 1<sup>st</sup>/4 in *Water Air and Soil Pollution* and rank 460<sup>th</sup>/3,122 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> has been updated as of January 1, 2013 to cover a 10-year plus 10-month period, January 1, 2002-October 31, 2012.)

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. DOI: 10.1023/A:1011652224816.

Document type: Article	Language: English	Cited references: 31	Times cited: 292
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Rank 1<sup>st</sup>/1 in *Adsorption-Journal of the International Adsorption Society* and rank 4,679<sup>th</sup>/12,681 in the world, in the field of Chemistry. (Essential Science Indicators<sup>SM</sup> 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. DOI: 10.1081/SS-100001077.

Document type: Article	Language: English	Cited references: 48	Times cited: 208
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40. **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. DOI:



10.1081/SS-100106104.

Document type: Article	Language: English	Cited references: 31	Times cited: 117
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Rank 3<sup>rd</sup> in citations from 211 papers of *Separation Science and Technology* (2001), rank 47<sup>th</sup> 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

41. **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. DOI: 10.1023/A:1005218411809.

Document type: Article	Language: English	Cited references: 28	Times cited: 32
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42. **Ho, Y.S.** and McKay, G. (2000), Correlative biosorption equilibria model for a binary batch system. *Chemical Engineering Science*, **55** (4), 817-825. DOI: 10.1016/S0009-2509(99)00372-3.

Document type: Article	Language: English	Cited references: 19	Times cited: 44
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43. **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. DOI: 10.1016/S0043-1354(99)00232-8.

Document type: Article	Language: English	Cited references: 11	Times cited: 1699
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Rank 1<sup>st</sup>/81 in *Water Research*; and 1<sup>st</sup>/87 in China; and rank 45<sup>th</sup>/2,643 in the world, in the field of Environment/Ecology. (Essential Science Indicators<sup>SM</sup> has been updated as of March 1, 2011 to cover an 11-year period, January 1, 2000-December 31, 2010.)

44. **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. DOI: 10.1260/0263617001493693.

Document type: Article	Language: English	Cited references: 28	Times cited: 398
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45. **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. DOI: 10.1023/A:1008921002014.

Document type: Article	Language: English	Cited references: 39	Times cited: 94
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46. **Ho, Y.S.** and McKay, G. (1999), Pseudo-second order model for sorption processes. *Process Biochemistry*, **34** (5), 451-465. DOI: 10.1016/S0032-9592(98)00112-5.

Document type: Article	Language: English	Cited references: 85	Times cited: 5901
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The top one yearly cited article in chemical engineering category in SCI-EXPANDED since 2008. 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.)

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. DOI: 10.1205/095758299529983.

Document type: Article	Language: English	Cited references: 49	Times cited: 59
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48. **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. DOI: 10.1016/S0043-1354(98)00207-3.

Document type: Article	Language: English	Cited references: 19	Times cited: 203
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49. **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: 731
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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.)

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The top one yearly cited paper in civil engineering category in SCI-EXPANDED in 2015. Rank 2<sup>nd</sup>/727 in *Journal of Hazardous Materials* and rank 19<sup>th</sup>/10,169 in the world, in the field of Engineering. (Essential Science Indicators has been updated as of July 14, 2016 to cover a 10-year plus 4-month period, January 1, 2006-April 30, 2016.)

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Rank 1<sup>st</sup>/32 in *Scientometrics* and rank 86<sup>th</sup>/7,468 in the world, in the field of General Social Sciences. (Essential Science Indicators has been updated as of March 5, 2015 to cover a 11-year plus 0-month period, January 1, 2004-December 31, 2014.)

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Document type: Editorial material	Language: English	Cited references: 30	Times cited: 0
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Document type: Editorial material	Language: English	Cited references: 37	Times cited: 31
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Document type: Editorial material	Language: English	Cited references: 33	Times cited: 11
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Document type: Editorial material	Language: English	Cited references: 27	Times cited: 19
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Document type: Correction	Language: English	Cited references: 3	Times cited: 0
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138. 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. DOI: 10.1016/j.jhazmat.2007.07.006.

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139. 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. DOI: 10.1080/00986440600992511.

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Document type: Article	Language: English	Cited references: 22	Times cited: 120
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143. 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. DOI: 10.1080/03602549909351645.

Document type: Review	Language: English	Cited references: 151	Times cited: 185
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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>st</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.)

## PUBLICATIONS RELATED TO BIBLIOMETRICS

### Scientific Papers (SCI-EXPANDED or SSCI)

Last data updates: 05 October 2017

Document type	In press	Publication	FP	CP	Times cited	CPP
Article	8	95 (2 proceedings papers)	15	84	2294	24
Review	0	9	0	8	283	31
Letter	1	2	1	1	2	1.0
Editorial material	0	5	3	5	8	1.6
Meeting abstract	0	2	0	2	0	0
Proceedings paper	0	5 (2 articles)	0	0	346	69
Total	9	116	19	100	2933	25

FP: Publications with first author

CP: Publications with corresponding author

CPP: Citations from Web of Science Core Collection per publication

h-index: 31

### First or Corresponding Author, Article Papers

144. Monge-Nájera, J. and **Ho, Y.S.\*** (2018), Guatemala articles in the Science Citation Index Expanded: bibliometry of subjects, collaboration, institutions and authors. *Revista de Biología Tropical*, (in press).

Document type: Article	Language: English	Cited references: 28	Times cited: 0
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145. Zhang, D., Fu, H.Z. and **Ho, Y.S.\*** (2017), Characteristics and trends on global environmental monitoring research: A bibliometric analysis based on Science Citation Index Expanded.

*Environmental Science and Pollution Research*, (in press). DOI: 10.1007/s11356-017-0147-3.

Document type: Article	Language: English	Cited references: 95	Times cited: 0
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146. Boamah, P.O. and **Ho, Y.S.\*** (2017), Bibliometric analysis of Ghana publications in the Science Citation Index Expanded. *Revista de Biología Tropical*, (in press).

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147. Monge-Nájera, J. and **Ho, Y.S.\*** (2017), El Salvador publications in the Science Citation Index Expanded: subjects, authorship, collaboration and citation patterns. *Revista de Biología Tropical*, **65** (4), (in press).

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Document type: Article	Language: English	Cited references: 38	Times cited: 0
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Document type: Article	Language: English	Cited references: 37	Times cited: 0
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Document type: Article	Language: English	Cited references: 61	Times cited: 0
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151. Hartley, J. and **Ho, Y.S.\*** (2017), Who woke the sleeping beauties in psychology? *Scientometrics*, **112** (2), 1065-1068. DOI: 10.1007/s11192-017-2326-x.

Document type: Article	Language: English	Cited references: 21	Times cited: 0
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152. Hartley, J. and **Ho, Y.S.\*** (2017), The decline and fall of book reviews in psychology: A bibliometric analysis. *Scientometrics*, **112** (1), 655-657. DOI: 10.1007/s11192-017-2256-7.

Document type: Article	Language: English	Cited references: 2	Times cited: 0
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Document type: Article	Language: English	Cited references: 26	Times cited: 0
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Document type: Article	Language: English	Cited references: 26	Times cited: 0
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Document type: Article	Language: English	Cited references: 35	Times cited: 0
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Document type: Article	Language: English	Cited references: 25	Times cited: 1
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Document type: Article	Language: English	Cited references: 50	Times cited: 4
161. <b>Ho, Y.S.*</b> and Fu, H.Z. (2016), Mapping of metal-organic frameworks publications: A bibliometric analysis. <i>Inorganic Chemistry Communications</i> , <b>73</b> , 174-182. DOI: 10.1016/j.inoche.2016.10.023.			
Document type: Article	Language: English	Cited references: 86	Times cited: 1
162. <b>Ho, Y.S.*</b> and Hartley, J. (2016), Classic articles published by American scientists (1900-2014): A bibliometric analysis. <i>Current Science</i> , <b>111</b> (7), 1156-1165. DOI: 10.18520/cs/v111/i7/1156-1165.			
Document type: Article	Language: English	Cited references: 68	Times cited: 1
163. Wambu, E.W. and <b>Ho, Y.S.*</b> (2016), A bibliometric analysis of drinking water research in Africa. <i>Water SA</i> , <b>42</b> (4), 612-620. DOI: 10.4314/wsa.v42i4.12.			
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Document type: Article	Language: English	Cited references: 51	Times cited: 3
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Document type: Article	Language: English	Cited references: 81	Times cited: 2
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Document type: Article	Language: English	Cited references: 202	Times cited: 5
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Document type: Article	Language: English	Cited references: 33	Times cited: 1
170. Ivanović, D. and <b>Ho, Y.S.*</b> (2016), Highly cited articles in the information science and library			

science category in Social Science Citation Index: A bibliometric analysis. *Journal of Librarianship and Information Science*, **48** (1), 36-46. DOI: 10.1177/0961000614537514.

Document type: Article	Language: English	Cited references: 45	Times cited: 3
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Document type: Article	Language: English	Cited references: 27	Times cited: 0
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Document type: Article	Language: English	Cited references: 34	Times cited: 5
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175. Ivanović, D., Fu, H.Z. and **Ho, Y.S.\*** (2015), Publications from Serbia in the Science Citation Index Expanded: A bibliometric analysis. *Scientometrics*, **105** (1), 145-160. DOI: 10.1007/s11192-015-1664-9.

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Document type: Article	Language: English	Cited references: 58	Times cited: 7
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Document type: Article	Language: English	Cited references: 55	Times cited: 12
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183. Chuang, K.Y. and **Ho, Y.S.\*** (2014), Bibliometric profile of top-cited single-author articles in the

Science Citation Index Expanded. *Journal of Informetrics*, **8** (4), 951-962. DOI: 10.1016/j.joi.2014.09.008.

Document type: Article	Language: English	Cited references: 54	Times cited: 7
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184. Li, L., Hu, J. and **Ho, Y.S.\*** (2014), Global performance and trend of QSAR/QSPR research: A bibliometric analysis. *Molecular Informatics*, **33** (10), 655-668. DOI: 10.1002/minf.201300180.

Document type: Article	Language: English	Cited references: 90	Times cited: 9
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Document type: Article	Language: English	Cited references: 67	Times cited: 11
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Document type: Article	Language: English	Cited references: 80	Times cited: 7
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Document type: Article	Language: English	Cited references: 28	Times cited: 19
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Document type: Article	Language: English	Cited references: 105	Times cited: 23
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Document type: Article	Language: English	Cited references: 109	Times cited: 23
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Document type: Article	Language: English	Cited references: 68	Times cited: 13
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Document type: Article	Language: English	Cited references: 75	Times cited: 10
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Document type: Article	Language: English	Cited references: 49	Times cited: 14
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193. **Ho, Y.S.\*** (2014), Classic articles on social work field in Social Science Citation Index: A bibliometric analysis. *Scientometrics*, **98** (1), 137-155. DOI: 10.1007/s11192-013-1014-8.

Document type: Article	Language: English	Cited references: 87	Times cited: 31
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Rank 25<sup>th</sup>/30 in *Scientometrics* and rank 6,418<sup>th</sup>/6,713 in the world, in the field of General Social Sciences. (Essential Science Indicators has been updated as of July 14, 2016 to cover a 10-year plus 4-month period, January 1, 2006-April 30, 2016.)

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## PUBLICATIONS RELATED TO OTHER FIELDS

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Document type	Publication	Times cited	CPP
Article	3	21	7.33
Letter	1	4	4.00
Note	1	3	4.00
Total	5	25	6.00

CPP: Citations from Web of Science Core Collection per publication

269. Chiu, W.T., **Ho, Y.S.** and Lee, Y.S. (2003), Sharp decline of injury mortality rate in a developing country. *Journal of Trauma-Injury Infection and Critical Care*, **55** (2), 391-392.

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Document type: Article	Language: English	Cited references: 20	Times cited: 12
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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 0.361, 197/205 (2011)
2. Archives of Environmental Science (Journal of Environmental Protection Science), Executive Editors
3. American Chemical Science Journal, Chief Editor

#### **Editorial Advisory**

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1. Journal of Asian Scientific Research: 2011-

#### **Associate Editor**

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1. Sky Journal of Journal of Soil Sciences and Environmental Management: 2013-
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1. Bioresource Technology: A SCI and Elsevier Sci Ltd 2008  
Agricultural Engineering: Impact Factor 4.980, 1/12 (2011)  
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Energy & Fuels: Impact Factor 4.4980, 8/81 (2011)
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Environmental Sciences: Impact Factor 0.508, 186/205 (2011)
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Environmental Sciences: Impact Factor 1.004, 145/205 (2011)
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6. Asian Journal of Chemistry: A SCI-EXPANDED and Asian Journal of Chemistry (2010)  
Multidisciplinary Chemistry: Impact Factor 0.266, 142/154 (2011)
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9. Journal of Materials and Environmental Science: 2011-

10. Journal of Sciences: 2011-
11. ISRN Chemical Engineering: 2011-
12. Journal of Asian Scientific Research: 2011-
13. Holistic Approach to Environment: 2011-
14. Journal of Physical and Environmental Science Research: 2012-
15. International Journal of Energy Engineering: 2012-
16. Conference Papers in Engineering: 2012-
17. Journal of Waste Management: 2012-
18. Journal of Membrane Science & Technology: 2013-
19. International Journal of Agricultural Policy and Research: 2013-
20. Journal of Nanostructure in Chemistry: 2014-
21. Austin Journal of Hydrology: 2014-2015
22. Journal of Research in Biology: 2014-
23. Austin Journal of Cancer and Clinical Research: 2014-
24. Austin Environmental Sciences: 2016-

#### **Reviewer of Research Proposals for Funding**

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2. IUPAC Project Proposal (2012)
3. South Africa's National Research Foundation (NRF) (2012)

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Academic Publ  
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Chemical Engineering: Impact Factor 1.580, 41/126 (2009)
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Environmental Sciences: Impact Factor 4.827, 9/193 (2010)
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Microbiology: Impact Factor 8.286, 9/107 (2010)
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Chemical Engineering: Impact Factor 1.872, 14/114 (2007)
18. Environmental Technology: A SCI-EXPANDED and Selper Ltd, Publications Div  
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19. Polish Journal of Environmental Studies: A SCI-EXPANDED and HARD  
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 Biomaterials Materials Science: Impact Factor 2.109, 6/16 (2007)
25. Langmuir: A SCI-EXPANDED and Amer Chemical Soc  
 Physical Chemistry: Impact Factor 4.009, 21/110 (2007)
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 Chemical Engineering: Impact Factor: 1.707, 22/114 (2007)
28. International Journal of Environment and Pollution: A SCI-EXPANDED and Inderscience Enterprises Ltd  
 Environmental Sciences: Impact Factor 0.435, 147/160 (2007)
29. Environmental Pollution: A SCI-EXPANDED and Elsevier Sci Ltd  
 Environmental Sciences: Impact Factor 3.135, 15/160 (2007)
30. Desalination: A SCI-EXPANDED and Elsevier Science BV  
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31. Electronic Journal of Biotechnology: A SCI-EXPANDED and Univ Catolica de Valparaiso  
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32. Archives of Environmental Contamination and Toxicology: A SCI-EXPANDED and Springer Verlag  
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33. Environmental Science and Pollution Research: A SCI-EXPANDED and Ecomed Publishers  
 Environmental Sciences: Impact Factor 2.618, 59/210 (2012)
34. Applied Biochemistry and Biotechnology: A SCI-EXPANDED and Humana Press Inc  
 Biochemistry & Molecular Biology: Impact Factor 1.643, 194/263 (2007)  
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35. International Journal of Biological Macromolecules: A SCI-EXPANDED and Elsevier Science BV  
 Biochemistry & Molecular Biology: Impact Factor 1.578, 198/263 (2007)

36. Journal of Porous Materials: A SCI-EXPANDED and Springer  
Applied Chemistry: Impact Factor 1.000, 29/62 (2007)  
Physical Chemistry: Impact Factor 1.000, 77/110 (2007)  
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Multidisciplinary Chemistry: Impact Factor 0.270, 115/127 (2007)
38. Journal of Chemical and Engineering Data: A SCI-EXPANDED and Amer Chemical Soc  
Multidisciplinary Chemistry: Impact Factor 1.729, 39/127 (2007)  
Chemical Engineering: Impact Factor 1.729, 20/114 (2007)
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Limnology: Impact Factor 0.461, 17/19 (2007)  
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40. Journal of Materials Research: A SCI-EXPANDED and Materials Research Society  
Multidisciplinary Materials Science: Impact Factor 1.916, 39/189 (2007)
41. Journal of Environmental Engineering and Science: A SCI-EXPANDED and Natl Research Council  
Canada-N R C Research Press  
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Bioengineering  
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Environmental Engineering: Impact Factor 1.080, 20/37 (2007)  
Environmental Sciences: Impact Factor 1.080, 98/160 (2007)
44. Biotechnology Advances: A SCI-EXPANDED and Pergamon-Elsevier Science Ltd  
Biotechnology & Applied Microbiology: Impact Factor 7.600, 9/160 (2010)
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Multidisciplinary Materials Science: Impact Factor 1.081, 84/189 (2007)
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53. Water Air and Soil Pollution: A SCI-EXPANDED 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)
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Analytische Chemie  
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Water Resources: Impact Factor 2.161, 3/59 (2007)
56. Water Environment Research: A SCI-EXPANDED 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)
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Engineers  
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59. Biotechnology Progress: A SCI-EXPANDED and A SCI-EXPANDED and Amer Chemical Soc  
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71. International Journal of Chemical Reactor Engineering: A SCI-EXPANDED and Berkeley  
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  100. Iranian Journal of Chemistry & Chemical Engineering-International English Edition: A SCI-EXPANDED and Jihad Daneshgahi  
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  101. International Journal of the Physical Sciences: A SCI-EXPANDED and Academic Journals  
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114. Agronomy for Sustainable Development: A SCI-EXPANDED and Springer France  
 Agronomy: Impact Factor 3.330, 4/79 (2011)
115. Arabian Journal of Chemistry: A SCI-EXPANDED and Elsevier Science BV  
 Multidisciplinary Chemistry: Impact Factor 1.367, 76/154 (2011)
116. Korean Journal of Chemical Engineering: A SCI-EXPANDED and Korean Inst Chem Engineers  
 Multidisciplinary Chemistry: Impact Factor 0.991, 95/154 (2011)  
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117. Journal of Nanomaterials: A SCI-EXPANDED and Hindawi Publishing Corporation  
 Nanoscience & Nanotechnology: Impact Factor 1.376, 104/232 (2011)  
 Multidisciplinary Materials Science: Impact Factor 1.376, 41/66 (2011)
118. Materials: A SCI-EXPANDED and MDPI AG  
 Multidisciplinary Materials Science: Impact Factor: 1.677, 85/231 (2011)

119. Construction and Building Materials: A SCI-EXPANDED and Elsevier Sci Ltd  
 Construction & Building Technology: Impact Factor 1.834, 8/56 (2011)  
 Multidisciplinary Materials Science: Impact Factor 1.834, 71/232 (2011)
120. Journal of Radioanalytical and Nuclear Chemistry: A SCI-EXPANDED and Elsevier Science SA  
 Analytical Chemistry: Impact Factor 1.520, 45/73 (2011)  
 Inorganic & Nuclear Chemistry: Impact Factor 1.520, 26/44 (2011)  
 Nuclear Science & Technology: Impact Factor 1.520, 6/35 (2011)
121. International Journal of Environmental Analytical Chemistry: A SCI-EXPANDED and Gordon  
 Breach Sci Publ Ltd  
 Analytical Chemistry: Impact Factor 1.612, 51/73 (2011)  
 Environmental Sciences: Impact Factor 1.612, 133/205 (2011)
122. Global Environmental Change-Human and Policy Dimensions: A SCI-EXPANDED and Elsevier  
 Sci Ltd  
 Environmental Sciences: Impact Factor 6.868, 4/205 (2011)
123. Chinese Journal of Chemical Engineering: A SCI-EXPANDED and Chemical Industry Press  
 Chemical Engineering: Impact Factor 0.826, 78/133 (2011)
124. Acta Chimica Sinica: A SCI-EXPANDED and Science Press  
 Multidisciplinary Chemistry: Impact Factor: 0.533, 121/154 (2011)
125. Fuel: A SCI-EXPANDED and Elsevier Sci Ltd  
 Energy & Fuels: Impact Factor 3.248, 19/81 (2011)  
 Chemical Engineering: Impact Factor 3.248, 13/133 (2011)
126. Waste Management: A SCI-EXPANDED and Pergamon-Elsevier Science Ltd  
 Environmental Engineering: Impact Factor 2.428, 12/45 (2011)  
 Environmental Sciences: Impact Factor 2.428, 57/205 (2011)
127. Antarctic Science: A SCI-EXPANDED and Cambridge Univ Press  
 Environmental Sciences: Impact Factor 1.556, 105/205 (2011)  
 Physical Geography: Impact Factor 1.556, 21/44 (2011)  
 Multidisciplinary Geosciences: Impact Factor 1.556, 72/170 (2011)
128. Fullerenes Nanotubes and Carbon Nanostructures: A SCI-EXPANDED and Taylor & Francis Inc  
 Physical Chemistry: Impact Factor 0.772, 112/134 (2011)  
 Nanoscience & Nanotechnology: Impact Factor 0.772, 157/232 (2011)  
 Multidisciplinary Materials Science: Impact Factor 0.772, 59/66 (2011)  
 Atomic, Molecular & Chemical Physics: Impact Factor 0.772, 30/33 (2011)
129. Bioremediation Journal: A SCI-EXPANDED and Taylor & Francis Inc  
 Environmental Sciences: Impact Factor 0.395, 198/209 (2012)
130. Energy Policy: A SCI-EXPANDED and Elsevier Sci Ltd  
 Energy & Fuels: Impact Factor 2.743, 25/81 (2012)  
 Environmental Sciences: Impact Factor 2.743, 51/209 (2012)
131. Turkish Journal of Chemistry: A SCI-EXPANDED and Scientific Technical Research Council  
 Turkey



- Multidisciplinary Chemistry: Impact Factor 0.888, 101/152 (2012)
- Chemical Engineering: Impact Factor 0.888, 78/133 (2012)
132. Perceptual and Motor Skills: A SSCI and Ammons Scientific, Ltd  
Experimental Psychology: Impact Factor 0.655, 80/83 (2012)
133. PLoS One: A SCI-EXPANDED and Public Library Science  
Multidisciplinary Science: Impact Factor 3.730, 7/56 (2012)
134. American Journal of Public Health: A SCI-EXPANDED and Amer Public Health Assoc Inc  
Public, Environmental & Occupational Health: Impact Factor 3.930, 16/161 (2012)
135. Reviews in Chemical Engineering: A SCI-EXPANDED and Freund Publishing House Ltd  
Chemical Engineering: Impact Factor 1.623, 60/133 (2012)
136. Pedosphere: A SCI-EXPANDED and Science Press  
Soil Science: Impact Factor 1.323, 20/34 (2012)
137. Journal of Applied Mathematics: A SCI-EXPANDED and Hindawi Publishing Corporation  
Applied Mathematics: Impact Factor 0.834, 104/247 (2012)
138. Land Degradation & Development: A SCI-EXPANDED and Wiley-Blackwell  
Environmental Sciences: Impact Factor 1.991, 92/210 (2012)  
Soil Science: Impact Factor 1.991, 10/34 (2012)
139. Wetlands: A SCI-EXPANDED and Soc Wetland Scientists  
Ecology: Impact Factor 1.283, 93/13 (2012)  
Environmental Sciences: Impact Factor 1.283, 130/210 (2012)
140. Bioinorganic Chemistry and Applications: A SCI-EXPANDED and Hindawi Publishing Corporation  
Biochemistry & Molecular Biology: Impact Factor 1.165, 246/290 (2012)  
Inorganic & Nuclear Chemistry: Impact Factor 1.165, 31/44 (2012)  
Organic Chemistry: Impact Factor 1.165, 37/57 (2012)
141. International Biodeterioration & Biodegradation: A SCI-EXPANDED and Elsevier Sci Ltd  
Biotechnology & Applied Microbiology: Impact Factor 2.059, 82/160 (2012)  
Environmental Sciences: Impact Factor 2.059, 87/210 (2012)
142. Environmental Earth Sciences: A SCI-EXPANDED and Springer  
Environmental Sciences: Impact Factor 1.445, 120/210 (2012)  
Multidisciplinary Geosciences: Impact Factor 1.445, 86/172 (2012)  
Water Resources: Impact Factor 1.445, 35/80 (2012)
143. Scientific Research and Essays: A SCI-EXPANDED and Academic Journals  
Multidisciplinary Sciences: Impact Factor 0.445, 33/59 (2010)
144. Water Resources Management: A SCI-EXPANDED and Springer  
Civil Engineering: Impact Factor 2.259, 10/122 (2012)  
Water Resources: Impact Factor 2.259, 14/80 (2012)
145. Cellulose: A SCI-EXPANDED and Kluwer Academic Publ  
Paper & Wood Materials Science: Impact Factor 3.476, 1/22 (2012)  
Textiles Materials Science: Impact Factor 3.476, 2/22 (2012)  
Polymer Science: Impact Factor 3.476, 14/83 (2012)

146. Neural Regeneration Research: A SCI-EXPANDED and Shenyang Editorial Dept Neural Regeneration Res  
 Cell Biology: Impact Factor 0.144, 181/185 (2012)  
 Neurosciences: Impact Factor 0.144, 248/252 (2012)
147. Journal of Molecular Liquids: A SCI-EXPANDED and Elsevier Science BV  
 Physical Chemistry: Impact Factor 1.684, 83/135 (2012)  
 Atomic, Molecular & Chemical Physics: Impact Factor 1.684, 19/34 (2012)
148. Food Chemistry: A SCI-EXPANDED and Elsevier Sci Ltd  
 Applied Chemistry: Impact Factor 3.259, 9/71 (2013)  
 Food Science & Technology: Impact Factor 3.259, 10/123 (2013)  
 Nutrition & Dietetics: Impact Factor 3.259, 22/78 (2013)
149. Process Safety and Environmental Protection: A SCI-EXPANDED and Inst Chemical Engineers  
 Environmental Engineering: Impact Factor 1.829, 47/133 (2013)  
 Chemical Engineering: Impact Factor 1.829, 21/44 (2013)
150. Science and Technology of Nuclear Installations: A SCI-EXPANDED and Hindawi Publishing Corporation  
 Nuclear Science & Technology: Impact Factor 0.343, 28/33 (2013)
151. AIChE Journal: A SCI-EXPANDED and Wiley-Blackwell  
 Chemical Engineering: Impact Factor 2.581, 25/133 (2013)
152. Applied Surface Science: A SCI-EXPANDED and Elsevier Science BV  
 Chemistry, Physical: Impact Factor 2.538, 56/136 (2013)  
 Materials Science, Coatings & Films: Impact Factor 2.538, 2/18 (2013)  
 Physics, Applied: Impact Factor 2.538, 29/136 (2013)  
 Physics, Condensed Matter: Impact Factor 2.538, 19/67 (2013)
153. Water: A SCI-EXPANDED and MDPI AG  
 Water Resources: Impact Factor 1.291, 36/81 (2013)
154. Revista de Biología Tropical: A SCI-EXPANDED and Amer Chemical Soc  
 Multidisciplinary Chemistry (2013)  
 Chemical Engineering (2013)
155. Journal of Testing and Evaluation: A SCI-EXPANDED and Amer Soc Testing Materials  
 Characterization & Testing Materials Science: Impact Factor 0.295, 26/33 (2013)
156. Water Science and Technology-Water Supply: A SCI-EXPANDED and IWA Publishing  
 Environmental Engineering: Impact Factor 0.505, 42/46 (2013)  
 Environmental Sciences: Impact Factor 0.505, 207/216 (2013)  
 Water Resources: Impact Factor 0.505, 72/81 (2013)
157. Canadian Journal of Soil Science: A SCI-EXPANDED and Agr Inst Canada  
 Soil Science: Impact Factor: 1.000, 23/34 (2013)
158. European Journal of Sport Science: A SCI-EXPANDED and Taylor & Francis Ltd  
 Sport Sciences: Impact Factor 1.314, 47/81 (2013)
159. Archivum Immunologiae et Therapiae Experimentalis: A SCI-EXPANDED and Springer Basel AG

- Immunology: Impact Factor 2.818, 69/144 (2013)
160. Asia Pacific Journal of Tourism Research: A SSCI and Routledge Journals, Taylor & Francis Ltd  
Hospitality, Leisure, Sport & Tourism: Impact Factor: 0.566, 31/39 (2013)
161. Materials Chemistry and Physics: A SCI-EXPANDED and Elsevier Science SA  
Materials Science: Impact Factor 2.129, 71/251 (2013)
162. Science of Advanced Materials: A SCI-EXPANDED and Amer Scientific Publishers  
Nanoscience & Nanotechnology: Impact Factor 2.908, 45/251 (2013)  
Multidisciplinary Materials Science: Impact Factor 2.908, 27/73 (2013)  
Applied Physics: Impact Factor 2.908, 26/136 (2013)
163. International Journal of Hydrogen Energy: A SCI-EXPANDED and Pergamon-Elsevier Science Ltd  
Physical Chemistry: Impact Factor 2.930, 47/136 (2013)  
Electrochemistry: Impact Factor 2.930, 7/27 (2013)  
Energy & Fuels: Impact Factor 2.930, 29/83 (2013)
164. Polymer Composites: A SCI-EXPANDED and Wiley-Blackwell  
Composites Materials Science: Impact Factor 1.445, 7/24 (2013)  
Polymer Science: Impact Factor 1.445, 45/82 (2013)
165. Journal of Alternative and Complementary Medicine: A SCI-EXPANDED and Mary Ann Liebert, Inc  
Integrative & Complementary Medicine: Impact Factor 1.585, 8/24 (2014)
166. Acupuncture in Medicine: A SCI-EXPANDED and BMJ Publishing Group  
Integrative & Complementary Medicine: Impact Factor 1.500, 10/24 (2014)
167. Journal of Environmental Informatics: A SCI-EXPANDED and Int Soc Environ Inform Sci  
Environmental Sciences: Impact Factor 2.792, 55/221 (2014)
168. Electronic Library: A SCI-EXPANDED and Emerald Group Publishing Limited  
Information Science & Library Science: Impact Factor 0.535, 51/85 (2014)
169. PeerJ: A SCI-EXPANDED and PeerJ Inc  
Multidisciplinary Sciences: Impact Factor: 2.112, 12/56 (2014)
170. Atmosphere: A SCI-EXPANDED and MDPI AG  
Meteorology & Atmospheric Sciences: Impact Factor 0.226, 73/77 (2014)
171. Polymer Bulletin: A SCI-EXPANDED and Springer Verlag  
Polymer Science: Impact Factor 1.438, 48/82 (2014)
172. BMJ Open: A SCI-EXPANDED and BMJ Publishing Group  
Medicine, General & Internal: Impact Factor: 2.271, 40/153 (2014)
173. Current Bioinformatics: A SCI-EXPANDED and Bentham Science Publ Ltd  
Biochemical Research Methods: Impact Factor 0.921, 71/79 (2014)  
Mathematical & Computational Biology: Impact Factor 0.921, 42/56 (2014)
174. Applied Ecology and Environmental Research: A SCI-EXPANDED and Corvinus Univ Budapest  
Ecology: Impact Factor 0.557, 131/144 (2014)  
Environmental Sciences: Impact Factor 0.557, 207/221 (2014)
175. European Journal of Pediatrics: A SCI-EXPANDED and Springer Verlag

- Pediatrics: Impact Factor 1.890, 43/119 (2014)
176. Fibers and Polymers: A SCI-EXPANDED and Korean Fiber Soc  
Textiles Materials Science: Impact Factor 0.881, 7/22 (2014)  
Polymer Science: Impact Factor 0.881, 58/82 (2014)
177. Organic Process Research & Development: A SCI-EXPANDED and Korean Fiber Soc  
Applied Chemistry: Impact Factor 2.528, 13/72 (2014)  
Organic Chemistry: Impact Factor 2.528, 19/58 (2014)
178. Complementary Therapies in Medicine: A SCI-EXPANDED and Churchill Livingstone  
Integrative & Complementary Medicine: Impact Factor 1.545, 9/14 (2014)
179. European Respiratory Journal  
Respiratory System: Impact Factor 7.636, 4/58 (2014) (SCIE)
180. Drug Design, Development and Therapy  
Medicinal Chemistry: Impact Factor 3.028, 17/59 (2014) (SCIE)  
Pharmacology & Pharmacy: Impact Factor 3.028, 76/255 (2014) (SCIE)
181. Regional Environmental Change  
Environmental Sciences: Impact Factor 2.628, 86/223 (2014) (SCIE)
182. Journal of Solid State Chemistry  
Inorganic & Nuclear Chemistry: Impact Factor 2.133, 22/45 (2014) (SCIE)  
Physical Chemistry: Impact Factor 2.133, 72/139 (2014) (SCIE)
183. Malaysian Journal of Library & Information Science  
Information Science & Library Science: Impact Factor 0.238, 69/85 (2014) (SSCI)
184. Environmental Monitoring and Assessment  
Environmental Sciences: Impact factor 1.679, 110/223 (2014) (SCIE)
185. Journal of Substance Use  
Substance Abuse: Impact factor 0.811, 31/35 (2014) (SSCI)
186. Journal of Periodontology  
Dentistry, Oral Surgery & Medicine: Impact Factor 2.706, 14/88 (2014) (SCIE)
187. Journal of Pain Research  
Clinical Neurology: Impact Factor 2.363, 95/194 (2015) (SCIE)
188. Learned Publishing  
Information Science & Library Science: Impact Factor 1.053, 39/86 (2015) (SSCI)
189. International Journal of Injury Control and Safety Promotion  
Public, Environmental & Occupational Health: Impact Factor 0.888, 120/153 (2015) (SSCI)
190. Journal of Analytical and Applied Pyrolysis  
Analytical Chemistry: Impact Factor 3.652, 12/75 (2015) (SCIE)  
Spectroscopy: Impact Factor 3.652, 5/43 (2015) (SCIE)
191. Computers in Human Behavior  
Multidisciplinary Psychology - SSCI: Impact Factor 2.880, 21/129 (2015)  
Experimental Psychology - SSCI: Impact Factor 2.880, 20/85 (2015)
192. ACS Sustainable Chemistry & Engineering

- Multidisciplinary Chemistry - SCIE: Impact Factor 5.267, 26/163 (2015)  
Green & Sustainable Science & Technology - SCIE: Impact Factor 5.267, 4/29 (2015)  
Chemical Engineering - SCIE: Impact Factor 5.267, 9/135 (2015)
193. Endocrine Journal  
Endocrinology & Metabolism - SCIE: Impact Factor 1.895, 100/131 (2015)
194. SpringerPlus  
Multidisciplinary Sciences - SCIE: Impact Factor 0.982, 25/63 (2015)
195. Ecotoxicology and Environmental Safety  
Environmental Sciences - SCIE: Impact Factor 3.130, 55/225 (2015)  
Toxicology - SCIE: Impact Factor 3.130, 23/89 (2015)
196. Government Information Quarterly  
Environmental Sciences - SSCI: Impact Factor 2.515, 11/86 (2015)
197. IEEE Access  
Information Systems Computer Science - SCIE: Impact Factor 1.249, 66/143 (2015)  
Electrical & Electronic Engineering - SCIE: Impact Factor 1.249, 130/255 (2015)  
Telecommunications - SCIE: Impact Factor 1.249, 36/82 (2015)
198. Physical Chemistry Research  
Multidisciplinary Chemistry - SCIE
199. International Journal of Environmental Science and Technology  
Environmental Sciences - SCIE: Impact Factor 2.344, 79/225 (2015)
200. Cytokine  
Biochemistry & Molecular Biology - SCIE: Impact Factor 2.940, 124/289 (2015)  
Cell Biology - SCIE: Impact Factor 2.940, 100/187 (2015)  
Immunology - SCIE: Impact Factor 2.940, 70/151 (2015)
201. Journal of Applied Research and Technology  
Multidisciplinary Engineering - SCIE: Impact Factor 0.447, 203/248 (2015)  
Electrical & Electronic Engineering - SCIE: Impact Factor 0.447, 71/87 (2015)
202. International Journal of Nanomedicine  
Nanoscience & Nanotechnology - SCIE: Impact Factor 4.320, 26/83 (2015)  
Pharmacology & Pharmacy - SCIE: Impact Factor 4.320, 41/255 (2015)
203. Science and Public Policy  
Management - SSCI: Impact Factor 1.233, 101/192 (2015)  
Planning & Development - SSCI: Impact Factor 1.233, 25/55 (2015)  
Public Administration - SSCI: Impact Factor 1.233, 16/47 (2015)
204. Comprehensive Reviews in Food Science and Food Safety  
Food Science & Technology - SCIE: Impact Factor 4.903, 4/125 (2015)
205. Inorganic Chemistry Frontiers  
Inorganic & Nuclear Chemistry - SCIE: Impact Factor 4.532, 6/46 (2015)
206. International Journal of Rheumatic Diseases  
Rheumatology - SCIE: Impact Factor 2.624, 17/30 (2016)

207. Physical Chemistry Chemical Physics  
Physical Chemistry - SCIE: Impact Factor 4.123, 38/145 (2016)  
Atomic, Molecular & Chemical Physics - SCIE: Impact Factor 4.123, 6/35 (2016)
208. Toxin Reviews  
Toxicology - SCIE: Impact Factor 0.789, 91/92 (2016)
209. Journal of Cleaner Production  
Green & Sustainable Science & Technology - SCIE: Impact Factor 5.715, 5/31 (2016)  
Engineering, Environmental - SCIE: Impact Factor 5.715, 6/49 (2016)  
Environmental Sciences - SCIE: Impact Factor 5.715, 17/229 (2016)
210. European Addiction Research  
Substance Abuse – SCIE: Impact Factor 2.592, 10/18 (2016)  
Psychiatry – SCIE: Impact Factor 2.592, 64/142 (2016)
211. Applied Water Science
212. Journal of Integrative Medicine
213. African Journal of Environmental Science and Technology
214. Journal of Physics: Conference Series
215. Journal of the Indian Institute of Science
216. International Journal of Environment and Waste Management
217. Life Science Journal
218. Pakistan Journal of Analytical and Environmental Chemistry
219. The Open Textile Journal
220. Journal of Hydro-Environment Research
221. Chinese Journal of Environmental Engineering
222. African Journal of Food Science
223. International Research Journal of Microbiology
224. International Food Research Journal
225. International Journal of Environmental Engineering
226. International Research Journal of Agricultural Science
227. Journal of Physical Chemistry
228. Iranian Journal of Biotechnology
229. Sage-Hindawi Access to Research
230. International Journal of Chemical Engineering
231. International Journal of Innovation and Technology Management
232. Journal of Environmental Chemistry and Ecotoxicology
233. Science China Chemistry (Science in China Series B)
234. Research in Pharmaceutical Biotechnology
235. International Journal of Biochemistry
236. Journal of Pure and Applied Chemistry
237. Journal of Civil Engineering and Construction Technology
238. Global Journal of Library and Information Sciences

239. Global Research Journal of Microbiology
240. African Journal of Agricultural Research
241. Journal of Thermodynamics
242. Science Journal of Geology and Mining Engineering
243. Blue Biotechnology Journal
244. International Journal of Nutrition and Metabolism
245. Management Research Review
246. Journal of Materials and Environmental Science
247. Journal of Environmental Protection
248. Journal of Accounting and Taxation
249. Journal of Physical and Environmental Science Research
250. Science Journal of Environmental Engineering Research
251. Science Journal of Chemical Engineering
252. American Chemical Science Journal
253. Journal of Agricultural Biotechnology and Sustainable Development
254. Education Research Journal
255. Journal of Chemistry
256. Chemical Society of Ethiopia
257. International Journal of Environment and Sustainable Development
258. International Journal of Research in Chemistry and Environment
259. Journal of Public Health and Epidemiology
260. International Journal of Industrial Chemistry
261. World Journal of Gastrointestinal Oncology
262. Journal Materials and Environment Science
263. International Journal of Inorganic Chemistry
264. International Journal of Peace and Development Studies
265. International Journal of Environmental Technology and Management
266. Progress in Color, Colorants and Coatings
267. Physical Review & Research International
268. ISRN Chemical Engineering
269. Annals of Medical and Health Sciences Research
270. Journal of Waste Management
271. Materials Sciences and Applications
272. Journal of Environmental Chemical Engineering
273. World Journal of Orthopedics
274. Advances in Physical Chemistry
275. British Biotechnology Journal
276. Journal of Water Sustainability
277. Journal of Scientometric Research
278. Research in Neurology: An International Journal

279. Unique Research Journal of Agricultural Sciences
280. Sky Journal of Journal of Soil Sciences and Environmental Management
281. Journal of Applied Chemistry
282. Forest Products Journal
283. Journal Pharmacy and Pharmacology Research
284. Journal of Chromatography & Separation Techniques
285. British Journal of Economics, Management & Trade
286. Journal of Sociology and Anthropology
287. British Journal of Medicine and Medical Research
288. International Scholars Journals
289. Recent Patents on Food, Nutrition & Agriculture
290. Journal of Earth Science Research
291. BioMed Research International
292. Sustainability
293. International Journal of Agricultural Policy and Research
294. Physical Sciences Research International
295. Trends in Environmental Analytical Chemistry
296. International Research Journal of Public and Environmental Health
297. International Journal of Library and Information Science
298. Merit Research Journal of Education and Review
299. Merit Research Journal of Microbiology and Biological Sciences
300. Basic Research Journal of Soil and Environmental Science
301. International Journal of Environmental Protection
302. Merit Research Journal of Environmental Science and Toxicology
303. Advances in Chemistry
304. Merit Research Journal of Art, Social Science and Humanities
305. Research Journal of Agricultural and Environmental Management
306. Journal of Information Science Theory and Practice
307. Journal of Membrane and Separation Technology
308. British Journal of Pharmaceutical Research
309. British Journal of Mathematics & Computer Science
310. International Journal of Academic Library and Information Science
311. Scientific World Journal
312. Applied Water Science
313. OALib Journal
314. Annals of Medical and Health Sciences Research
315. Journal of Physics and Astronomy Research
316. Recent Patents on Engineering
317. Indian Journal of Science and Technology
318. Clinical Medical Reviews and Case reports



319. International Journal of Recycling of Organic Waste in Agriculture
320. Journal of Advances in Biology & Biotechnology
321. Merit Research Journal of Accounting, Auditing, Economics and Finance
322. Advances in Research
323. International Journal of Plant & Soil Science
324. Synthesis and Reactivity in Inorganic Metal-Organic and Nano-Metal Chemistry
325. Journal of Scientific Research and Reports
326. Journal of Water Process Engineering
327. International Journal of Toxicology and Environmental Health
328. Current Metabolomics
329. Journal of Horticulture and Forestry
330. Journal of Basic and Applied Research international
331. Journal of African Studies and Development
332. Waste and Biomass Valorization
333. Issues in Business Management and Economics
334. International Journal of Research in Environmental Studies
335. International Journal of Accounting and Finance
336. PENCIL Publication of Biological Sciences
337. Pakistan Journal of Analytical & Environmental Chemistry
338. World Journal of Engineering and Physical Sciences
339. Journal of Orthopedic Research & Physiotherapy
340. SOJ Surgery
341. Environment and Ecology Research
342. Science & Technology Libraries
343. African Journal of Microbiology Research
344. International Journal of Medicine and Medical Sciences
345. Journal of Accounting and Taxation
346. F1000Research
347. Austin Journal of Cancer & Clinical Research
348. International Journal for Biotechnology and Molecular Biology Research
349. Recent Innovations in Chemical Engineering
350. Journal of Environment and Waste Management
351. Science Advances
352. SAGE Open
353. International Journal of Innovation and Sustainable Development
354. International Journal of Library and Informational Science
355. West Indian Journal of Engineering
356. International Research Journal of Environmental Sciences and Studies
357. Journal of Economics and International Finance
358. Journal of Engineering and Technological Sciences

359. International Research Journal of Agricultural and Food Sciences
360. Environmental Development
361. Environmental Processes
362. Materials Research
363. Ecosystem Health and Sustainability
364. Journal of Accounting and Taxation
365. Journal of Surface Engineered Materials and Advanced Technology
366. Recent Patents on Biotechnology
367. Pakistan Journal of Scientific & Industrial Research
368. Heliyon
369. Advances in Chemical Engineering and Science
370. Journal of Computational Biology and Bioinformatics Research
371. Zimbabwe Journal of Science and Technology
372. World Journal of Clinical Cases
373. Jordan Journal of Biological Sciences
374. British Journal of Applied Science & Technology
375. Open Journal of Nursing
376. Chemistry Journal of Moldova
377. Microbiology Research Journal International
378. International Journal of Business and Finance Management Research
379. Current Environmental Engineering
380. Global Science Chronicle
381. SCIENCEDOMAIN international
382. The Scientific Journal of Molecular Physics
383. Algal Research
384. BAOJ Biotechnology
385. Global Journal of Ecology
386. International Journal of Global Environmental Issues
387. Informatics in Medicine Unlocked
388. International Journal of Hospitality Management
389. Merit Research Journal of Medicine and Medical Sciences
390. Journal of Lung Health and Diseases
391. Current Journal of Applied Science and Technology

### **Achievements**

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- 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 157<sup>th</sup>/719 in *Journal of Hazardous Materials* and rank 1,807<sup>th</sup>/9,971 in the world, in the field of Engineering. (**Essential Science Indicators** has been updated as of May, 2016)
- 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 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 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.)
- 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 1<sup>st</sup>/77 in *Water Research*; and 1<sup>st</sup>/87 in China; and rank 45<sup>th</sup>/2,643 in the world, in the field of Environment/Ecology. (**Essential Science Indicators**<sup>SM</sup> 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 36<sup>th</sup>/1,038 in China, and rank 486<sup>th</sup>/8,209 in the world, in the field of Engineering. (**Essential Science Indicators**<sup>SM</sup> has

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