

# 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 Shamma, N.K.), Taylor and Francis & CRC Press, New York, 1-12.

Times cited: 1

6. Wang, M.H. and **Ho, Y.S.\*** (2012), A historical review of peat related research. In *Peat: Formation, Uses and Biological Effects*, (Edited by Draguhn, C. and Ciarimboli, N.), Nova Science Pub Inc, 57-80.
7. Fu, H.Z. and **Ho, Y.S.\*** (2012), Bibliometric analysis of thermodynamic research: A Science Citation Index Expanded-based analysis. In *Thermodynamics - Fundamentals and Its Application in Science*, (Edited by Morales-Rodriguez, R.), InTech, 519-524.

Figure 1. Papers have been cited at least 100 times from Web of Science Core Collection by years (Last data updates: 05 December 2018)

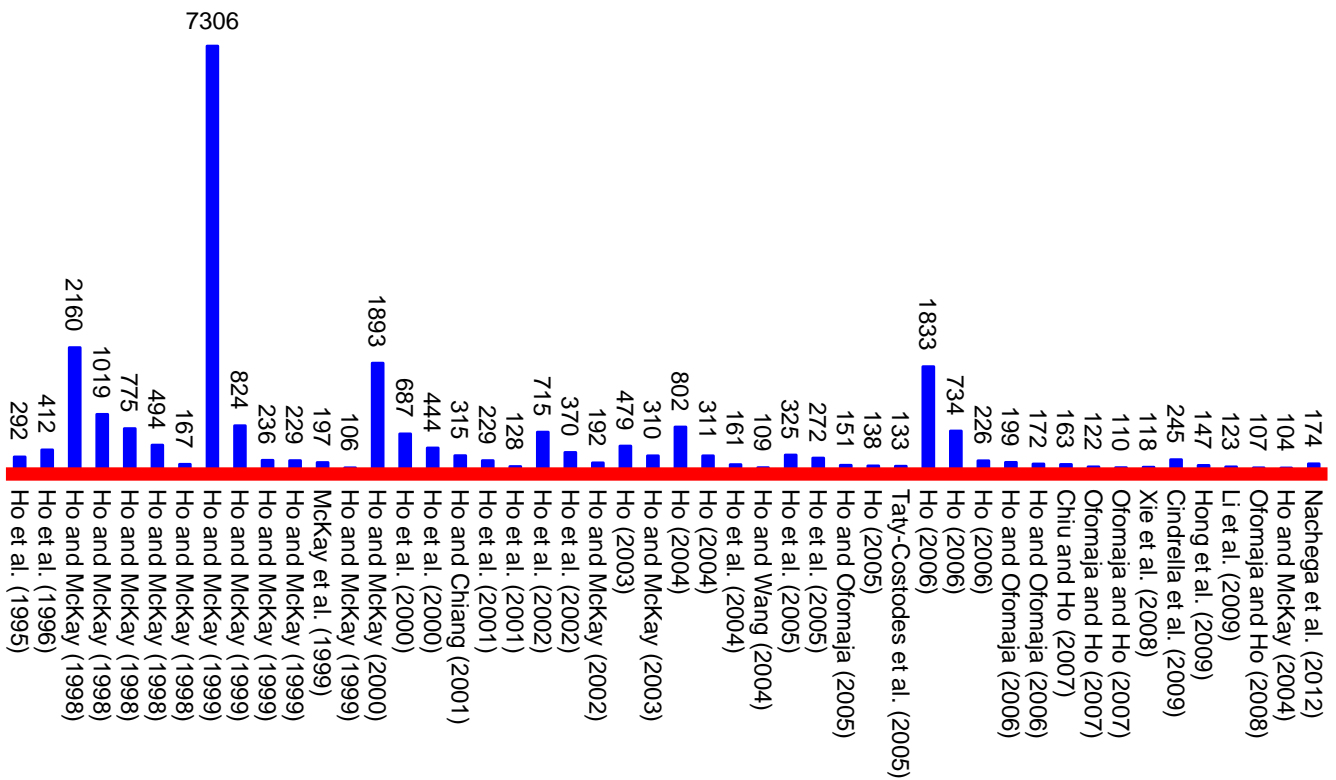
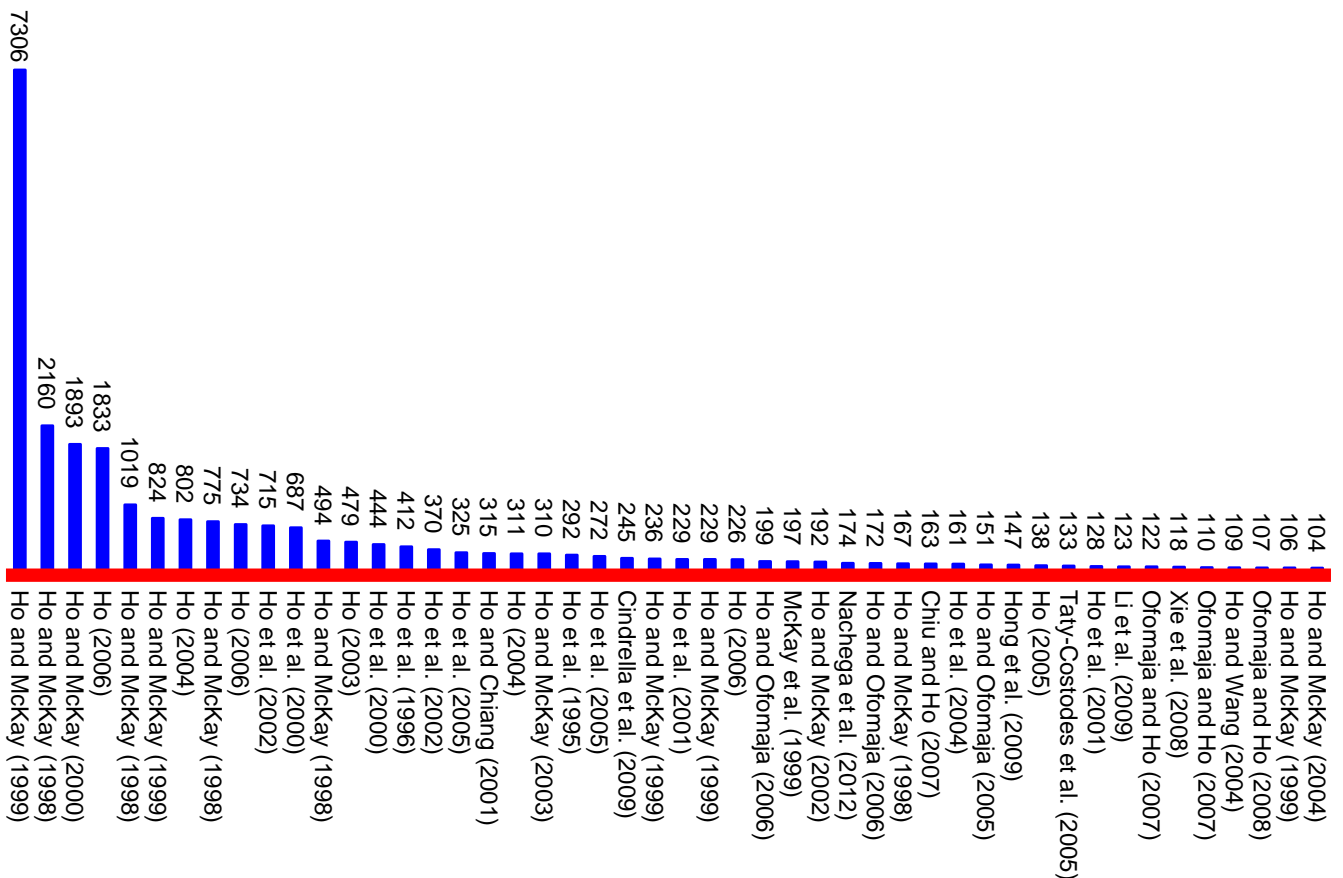


Figure 2. Papers have been cited at least 100 times from Web of Science Core Collection by total citations (05 December 2018)



## Scientific Papers (SCI-EXPANDED, SSCI, and ESCI)

Last data updates: 05 December 2018

Document type	In press	Publication	FP	CP	Times cited	CPP
Article	2	186	67	137	26474	142
Review	0	13	3	10	3868	298
Letter	2	52	48	48	536	11
Editorial material	0	30	28	31	124	4.1
Note	0	1	0	0	4	4.0
Meeting abstract	0	2	0	2	0	0
Proceedings paper	0	5	0	0	419	84
Correction	0	1	1	1	1	1.0
Total	4	290	147	229	31426	109

FP: Publications with first author

CP: Publications with corresponding author

CPP: Citations from Web of Science Core Collection per publication

h-index: 65

## PUBLICATIONS RELATED TO ADSORPTION

Last data updates: 05 December 2018

Document type	In press	Publication	FP	CP	Times cited	CPP
Article	0	69	50	36	23447	340
Review	0	4	3	2	3519	880
Letter	1	46	46	46	529	12
Editorial material	0	24	23	24	112	4.7
Correction	0	1	1	1	1	1.0
Total	1	144	123	109	27608	192

FP: Publications with first author

CP: Publications with corresponding author

CPP: Citations per publication

h-index: 53

## 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: 25
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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: 42
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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: 13
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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: 60
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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: 53
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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: 147
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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: 54
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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: 107
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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: 42
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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: 7
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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: 110
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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: 122
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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: 70
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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: 172
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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: 199
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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: 226
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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: 734
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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: 54
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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: 151
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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: 325
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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: 138
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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: 22
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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: 272
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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: 104
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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: 84
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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: 161
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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: 109
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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: 17
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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: 479
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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: 310
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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: 370
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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: 192
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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: 715
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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: 315
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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: 229
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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: 128
Rank 3 <sup>rd</sup> in citations from 211 papers of <i>Separation Science and Technology</i> (2001), rank 47 <sup>th</sup> in citations from 6,159 papers of <i>Separation Science and Technology</i> (from year 1978, Volume 13 (1) to year 2013, Volume 48 (17)), Last data updates: 08 November 2013			
41. <b>Ho, Y.S.</b> and McKay, G. (2000), Batch sorber design using equilibrium and contact time data for the removal of lead. <i>Water Air and Soil Pollution</i> , <b>124</b> (1-2), 141-153. DOI: 10.1023/A:1005218411809.			
Document type: Article	Language: English	Cited references: 28	Times cited: 34
42. <b>Ho, Y.S.</b> and McKay, G. (2000), Correlative biosorption equilibria model for a binary batch system. <i>Chemical Engineering Science</i> , <b>55</b> (4), 817-825. DOI: 10.1016/S0009-2509(99)00372-3.			
Document type: Article	Language: English	Cited references: 19	Times cited: 47
43. <b>Ho, Y.S.</b> and McKay, G. (2000), The kinetics of sorption of divalent metal ions onto sphagnum moss peat. <i>Water Research</i> , <b>34</b> (3), 735-742. DOI: 10.1016/S0043-1354(99)00232-8.			
Document type: Article	Language: English	Cited references: 11	Times cited: 1893
Rank 1 <sup>st</sup> /81 in <i>Water Research</i> ; 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. <b>Ho, Y.S.</b> , McKay, G., Wase, D.A.J. and Forster, C.F. (2000), Study of the sorption of divalent metal ions on to peat. <i>Adsorption Science &amp; Technology</i> , <b>18</b> (7), 639-650. DOI: 10.1260/0263617001493693.			
Document type: Article	Language: English	Cited references: 28	Times cited: 444
45. <b>Ho, Y.S.</b> and McKay, G. (1999), Competitive sorption of copper and nickel ions from aqueous solution using peat. <i>Adsorption-Journal of the International Adsorption Society</i> , <b>5</b> (4), 409-417. DOI: 10.1023/A:1008921002014.			
Document type: Article	Language: English	Cited references: 39	Times cited: 106
46. <b>Ho, Y.S.</b> and McKay, G. (1999), Pseudo-second order model for sorption processes. <i>Process Biochemistry</i> , <b>34</b> (5), 451-465. DOI: 10.1016/S0032-9592(98)00112-5.			
Document type: Article	Language: English	Cited references: 85	Times cited: 7306
The top one yearly cited article in chemical engineering category in SCI-EXPANDED since 2008. Rank 1 <sup>st</sup> /4 in <i>Process Biochemistry</i> ; 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. <b>Ho, Y.S.</b> and McKay, G. (1999), Batch lead(II) removal from aqueous solution by peat: Equilibrium and kinetics. <i>Process Safety and Environmental Protection</i> , <b>77</b> (B3), 165-173. DOI: 10.1205/095758299529983.			
Document type: Article	Language: English	Cited references: 49	Times cited: 70
48. <b>Ho, Y.S.</b> and McKay, G. (1999), A kinetic study of dye sorption by biosorbent waste product pith. <i>Resources, Conservation and Recycling</i> , <b>25</b> (3), 171-193. DOI: 10.1016/S0043-1354(98)00207-3.			
Document type: Article	Language: English	Cited references: 19	Times cited: 229
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ISI highly cited article

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Document type: Article	Language: English	Cited references: 29	Times cited: 90
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139. Wen, D., **Ho, Y.S.**, Xie, S. and Tang, X. (2006), Mechanism of the adsorption of ammonium ions from aqueous solution by a Chinese natural zeolite. *Separation Science and Technology*, **41** (15), 3485-3498. DOI: 10.1080/01496390600854636.

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Document type: Review	Language: English	Cited references: 151	Times cited: 197
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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, SSCI, and ESCI)

Last data updates: 05 December 2018

Document type	In press	Publication	FP	CP	Times cited	CPP
Article	2	114 (2 proceedings papers)	17	101	3005	26
Review	0	9	0	8	349	39
Letter	1	5	3	3	3	0.75
Editorial material	0	6	4	6	12	2.0
Meeting abstract	0	2	0	2	0	0
Proceedings paper	0	5 (2 articles)	0	0	419	84
Total	3	139	24	120	3788	27

FP: Publications with first author

CP: Publications with corresponding author

CPP: Citations per publication

h-index: 33

### First or Corresponding Author, Article Papers

143. Ivanović, L. and **Ho, Y.S.\*** (2019), Highly cited articles in the Education and Educational Research category in the Social Science Citation Index: A bibliometric analysis. *Educational Review*, (in press). DOI: 10.1080/00131911.2017.1415297.

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Document type: Article	Language: English	Cited references: 69	Times cited: 0
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Document type: Article	Language: English	Cited references: 95	Times cited: 1
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Document type: Article	Language: English	Cited references: 96	Times cited: 7
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Document type: Article	Language: English	Cited references: 55	Times cited: 20
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Document type: Article	Language: English	Cited references: 54	Times cited: 14
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Document type: Article	Language: English	Cited references: 90	Times cited: 14
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Document type: Article	Language: English	Cited references: 80	Times cited: 13
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Document type: Article	Language: English	Cited references: 28	Times cited: 42
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Document type: Article	Language: English	Cited references: 68	Times cited: 17
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202. Fu, H.Z. and **Ho, Y.S.\*** (2014), Top cited articles in adsorption research using Y-index. *Research Evaluation*, **23** (1), 12-20. DOI: 10.1093/reseval/rvt018.

Document type: Article	Language: English	Cited references: 75	Times cited: 15
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203. Fu, H.Z., Long, X. and **Ho, Y.S.\*** (2014), China's research in chemical engineering journals in Science Citation Index Expanded: A bibliometric analysis. *Scientometrics*, **98** (1), 119-136. DOI: 10.1007/s11192-013-1047-z.

Document type: Article	Language: English	Cited references: 49	Times cited: 22
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Document type: Article	Language: English	Cited references: 87	Times cited: 42
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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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207. **Ho, Y.S.\*** (2013), The top-cited research works in the Science Citation Index Expanded. *Scientometrics*, **94** (3), 1297-1312. DOI: 10.1007/s11192-012-0837-z.

Document type: Article	Language: English	Cited references: 69	Times cited: 48
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Document type: Article	Language: English	Cited references: 88	Times cited: 88
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211. Fu, H.Z. and **Ho, Y.S.\*** (2013), Independent research of China in Science Citation Index Expanded during 1980-2011. *Journal of Informetrics*, **7** (1), 210-222. DOI: 10.1016/j.joi.2012.11.005.

Document type: Article	Language: English	Cited references: 76	Times cited: 32
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212. Monge-Nájera, J. and **Ho, Y.S.\*** (2012), Costa Rica publications in the Science Citation Index Expanded: A bibliometric analysis for 1981-2010. *Revista de Biología Tropical*, **60** (4), 1649-1661.

Document type: Article	Language: English	Cited references: 27	Times cited: 14
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213. Khan, M.A. and **Ho, Y.S.\*** (2012), Top-cited articles in environmental sciences: Merits and demerits of citation analysis. *Science of the Total Environment*, **431**, 122-127. DOI: 10.1016/j.scitotenv.2012.05.035.

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216. Yu, J.J., Wang, M.H., Xu, M. and <b>Ho, Y.S.*</b> (2012), A bibliometric analysis of research papers published on photosynthesis: 1992-2009. <i>Photosynthetica</i> , <b>51</b> (1), 5-14. DOI: 10.1007/s11099-012-0010-1.			
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Document type: Article	Language: English	Cited references: 52	Times cited: 3
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Document type: Article	Language: English	Cited references: 84	Times cited: 48
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Document type: Article	Language: English	Cited references: 61	Times cited: 35
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Document type: Article	Language: English	Cited references: 43	Times cited: 63
223. Chuang, K.Y., Chuang, Y.C., Ho, M. and <b>Ho, Y.S.*</b> (2011), Bibliometric analysis of public health research in Africa: The overall trend and regional comparisons. <i>South African Journal of Science</i> , <b>107</b> (5/6), 54-59. DOI: 10.4102/sajs.v107i5/6.309.			
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Document type: Article	Language: English	Cited references: 26	Times cited: 29

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Document type: Article	Language: English	Cited references: 8	Times cited: 54
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Document type: Article	Language: English	Cited references: 40	Times cited: 73
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Document type: Article	Language: English	Cited references: 69	Times cited: 65
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Document type: Article	Language: English	Cited references: 17	Times cited: 33
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Document type: Article	Language: English	Cited references: 10	Times cited: 163
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Document type: Article	Language: English	Cited references: 12	Times cited: 85
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Document type: Article	Language: English	Cited references: 16	Times cited: 24
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Document type: Article	Language: English	Cited references: 15	Times cited: 95
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Document type: Article	Language: English	Cited references: 11	Times cited: 38
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Document type: Article	Language: English	Cited references: 13	Times cited: 47
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Document type: Article	Language: English	Cited references: 14	Times cited: 15
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#### **First or Corresponding Author, Review Papers**

248. Wang, W.M. and **Ho, Y.S.\*** (2017), Bibliometric analysis of art exhibit reviews in the Arts & Humanities Citation Index. *Malaysian Journal of Library & Information Science*, **22** (1), 59-68. DOI: 10.22452/mjllis.vol22no1.5.

Document type: Review	Language: English	Cited references: 24	Times cited: 0
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249. Chen, H.Q. and **Ho, Y.S.\*** (2015), Highly cited articles in biomass research: A bibliometric analysis. *Renewable & Sustainable Energy Reviews*, **49**, 12-20. DOI: 10.1016/j.rser.2015.04.060.

Document type: Review	Language: English	Cited references: 57	Times cited: 27
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250. Long, X., Huang, J.Z. and **Ho, Y.S.\*** (2014), A historical review of classic articles in surgery field. *American Journal of Surgery*, **208** (5), 841-849. DOI: 10.1016/j.amjsurg.2014.03.016.

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251. Khan, M.A. and **Ho, Y.S.\*** (2011), Arsenic in drinking water: A review on toxicological effects, mechanism of accumulation and remediation. *Asian Journal of Chemistry*, **23** (5), 1889-1901.

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*Neuroscience and Biobehavioral Reviews*, **35** (3), 680-687. DOI: 10.1016/j.neubiorev.2010.08.006.

Document type: Review	Language: English	Cited references: 59	Times cited: 89
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Document type: Review	Language: English	Cited references: 82	Times cited: 43
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256. 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.

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### First or Corresponding Author, Letter Papers

258. **Ho, Y.S.\*** (2019), Rebuttal to: Zhang et al. "Research development, current hotspots, and future directions of water research based on MODIS images: a critical review with a bibliometric analysis," vol. 24, pp. 15226–15239. *Environmental Science and Pollution Research*, (in press). DOI: 10.1007/s11356-019-04363-3.

Document type: Letter	Language: English	Cited references: 23	Times cited: 0
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259. **Ho, Y.S.\*** (2018), Comment on: "A Bibliometric Analysis and Visualization of Medical Big Data Research" *Sustainability* 2018, *10*, 166. *Sustainability*, **10** (12), Article Number: 4851. DOI: 10.3390/su10124851.

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260. **Ho, Y.S.\*** (2018), Comments on "Mapping the scientific research on non-point source pollution: A bibliometric analysis" by Yang et al. (2017). *Environmental Science and Pollution Research*, **25** (30), 30737-30738. DOI: 10.1007/s11356-017-0381-8.

Document type: Letter	Language: English	Cited references: 24	Times cited: 0
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Document type: Letter	Language: English	Cited references: 1	Times cited: 2
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### First or Corresponding Author, Editorial Materials

262. **Ho, Y.S.\*** (2018), Comments on "Past, current and future of biomass energy research: A bibliometric analysis" by Mao et al. (2015). *Renewable & Sustainable Energy Reviews*, **82**, 4235-4237. DOI: 10.1016/j.rser.2017.04.120.

Document type: Editorial material	Language: English	Cited references: 38	Times cited: 0
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Document type: Editorial material	Language: English	Cited references: 14	Times cited: 2
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264. **Ho, Y.S.\*** (2016), Rebuttal to: Liu et al. “Progress in global parallel computing research: A bibliometric approach”, vol. 95, pp 967–983. *Scientometrics*, **108** (3), 1693-1694. DOI: 10.1007/s11192-016-1993-3.

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265. **Ho, Y.S.\*** (2016), Rebuttal to: “A bibliometric review on carbon cycling research during 1993–2013” by Zhi et al. (Environ Earth Sci 2015, 74(7): 6065–6075). *Environmental Earth Sciences*, **75** (9), Article Number: 819. DOI: 10.1007/s12665-016-5645-y.

Document type: Editorial material	Language: English	Cited references: 12	Times cited: 2
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266. **Ho, Y.S.\*** (2013), Comments on “A bibliometric study of earthquake research: 1900-2010”. *Scientometrics*, **96** (3), 929-931. DOI: 10.1007/s11192-012-0915-2.

Document type: Editorial material	Language: English	Cited references: 2	Times cited: 4
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Document type: Article	Language: English	Cited references: 58	Times cited: 0
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Document type: Proceedings paper	Language: English	Cited references: 83	Times cited: 0
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Document type: Review	Language: English	Cited references: 19	Times cited: 63
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Document type: Article	Language: English	Cited references: 16	Times cited: 18
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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

285. 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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## Journal's Editor

1. International Journal of Environment and Pollution: A SCI and Inderscience Enterprises Ltd Publication  
Guest Editor Special Issue on: "Application of biosorbents on wastewater treatment"  
Environmental Sciences: Impact Factor 0.361, 197/205 (2011)
2. Archives of Environmental Science (Journal of Environmental Protection Science), Executive Editors
3. International Research Journal of Public and Environmental Health, Editor, 2014-

## Editorial Advisory

1. Journal of Asian Scientific Research: 2011-

## Associate Editor

1. International Journal of Chemistry and Technology: 2018-
2. Sky Journal of Journal of Soil Sciences and Environmental Management: 2013-
3. World Journal of Methodology: 2016-01-01 - 2019-12-31
4. Journal of Scientometric Research: 2015-

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1. Bioresource Technology: A SCI-EXPANDED and Elsevier Sci Ltd 2008  
Agricultural Engineering: Impact Factor 4.980, 1/12 (2011)  
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Energy and Fuels: Impact Factor 4.4980, 8/81 (2011)
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Technical Univ Iasi, 2009-  
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5. Journal of Nanostructures in Chemistry: A SCI-EXPANDED 2016-
6. Asian Journal of Chemistry: A SCI-EXPANDED and Asian Journal of Chemistry (2010)  
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7. South African Journal of Science: A SCI-EXPANDED and Bureau Scientific Publ (2013)  
Multidisciplinary Sciences: Impact Factor 0.779, 20/56 (2011)
8. Journal of Scientometric Research: An ESCI and Phcog. Net, 2018-
9. Publications: An ESCI and MDPI AG 2018-
10. World Journal of Methodology: 2011-2018
11. Journal of Materials and Environmental Science: 2011-
12. Journal of Sciences: 2011-
13. ISRN Chemical Engineering: 2011-
14. Journal of Asian Scientific Research: 2011-
15. Holistic Approach to Environment: 2011-
16. Journal of Physical and Environmental Science Research: 2012-
17. International Journal of Energy Engineering: 2012-
18. Conference Papers in Engineering: 2012-
19. Journal of Waste Management: 2012-
20. Journal of Membrane Science & Technology: 2013-
21. International Journal of Agricultural Policy and Research: 2013-
22. Journal of Nanostructure in Chemistry: 2014-
23. Austin Journal of Hydrology: 2014-2015
24. Journal of Research in Biology: 2014-
25. Austin Journal of Cancer and Clinical Research: 2014-



26. Chemical Sciences Journal: 2014-
27. Austin Environmental Sciences: 2016-
28. Informatics in Medicine Unlocked: 2017-
29. Research and Advances: Environmental Sciences: 2019-

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

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1. Turkey Young Scientist Award of TUBITAK (2010, 2013, 2014)
2. IUPAC Project Proposal (2012)
3. South Africa's National Research Foundation (NRF) (2012)

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1. Journal of Environmental Quality: A SCI-EXPANDED and Amer Soc Agronomy Publication  
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Chemical Engineering: Impact Factor 2.444, 18/126 (2009)
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Publication  
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Elsevier Science BV Publication  
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Civil Engineering: Impact Factor 1.616, 1/63 (1998)  
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Water Resources: Impact Factor 4.546, 1/76 (2010)
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Applied Chemistry: Impact Factor 2.469, 10/64 (2009)  
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Physical Chemistry: Impact Factor 3.019, 37/121 (2009)
9. Adsorption-Journal of the International Adsorption Society: A SCI-EXPANDED 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-EXPANDED and Pergamon-Elsevier Science Ltd

- Environmental Sciences: Impact Factor 3.253, 22/180 (2009)
11. Environmental Science & Technology, A SCI-EXPANDED and Amer Chemical Soc Publication  
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  12. Journal of Environmental Management, A SCI-EXPANDED and Academic Press Ltd Publication  
Environmental Sciences: Impact Factor 1.446, 70/160 (2007)
  13. Clinical Infectious Diseases, A SCI-EXPANDED and Univ Chicago Press, Chicago  
Immunology: Impact Factor 8.286, 11/134 (2010)  
Infectious Diseases: Impact Factor 8.286, 2/58 (2010)  
Microbiology: Impact Factor 8.286, 9/107 (2010)
  14. Journal of Hazardous Materials: A SCI-EXPANDED and Elsevier Science BV  
Environmental Engineering: Impact Factor 3.723, 6/45 (2010)  
Civil Engineering: Impact Factor 2.337, 2/115 (2010)  
Environmental Sciences: Impact Factor 3.723, 18/193 (2010)
  15. Biotechnology and Bioengineering: A SCI-EXPANDED and John Wiley & Sons Inc  
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Biotechnology and Applied Microbiology: Impact Factor 4.365, 23/160 (2010)  
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  17. Biochemical Engineering Journal: A SCI-EXPANDED and Elsevier Science SA  
Biotechnology and Applied Microbiology: Impact Factor 1.872, 33/138 (2007)  
Chemical Engineering: Impact Factor 1.872, 14/114 (2007)
  18. Environmental Technology: A SCI-EXPANDED and Selper Ltd, Publications Div  
Environmental Sciences: Impact Factor 0.735, 128/160 (2007)
  19. Polish Journal of Environmental Studies: A SCI-EXPANDED and HARD  
Environmental Sciences: Impact Factor 0.947, 137/180 (2009)
  20. Separation and Purification Technology: A SCI-EXPANDED and Elsevier Science BV  
Chemical Engineering: Impact Factor 2.142, 11/114 (2007)
  21. Journal of Chemical Technology and Biotechnology: A SCI-EXPANDED and John Wiley & Sons Ltd  
Biotechnology and Applied Microbiology: Impact Factor 1.426, 91/138 (2007)  
Multidisciplinary Chemistry: Impact Factor 1.426, 48/127 (2007)  
Chemical Engineering: Impact Factor 1.426, 28/114 (2007)
  22. Water Quality Research Journal of Canada: A SCI-EXPANDED and Canadian Assoc Water Quality  
Water Resources: Impact Factor 0.708, 43/59 (2007)
  23. Applied Clay Science: A SCI-EXPANDED and Elsevier Science BV  
Mineralogy: Impact Factor 1.861, 6/25 (2007)
  24. Colloids and Surfaces B-Biointerfaces: A SCI-EXPANDED and Elsevier Science BV  
Biophysics: Impact Factor 2.109, 40/69 (2007)

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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)
  26. World Journal of Microbiology & Biotechnology: A SCI-EXPANDED and Kluwer Academic Publ  
 Biotechnology and Applied Microbiology: Impact Factor 0.745, 115/138 (2007)
  27. Chemical Engineering Journal: A SCI-EXPANDED and Elsevier Science SA  
 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  
 Chemical Engineering: Impact Factor 0.875, 51/114 (2007)  
 Water Resources: Impact Factor 0.875, 37/59 (2007)
  31. Electronic Journal of Biotechnology: A SCI-EXPANDED and Univ Catolica de Valparaiso  
 Biotechnology and Applied Microbiology: Impact Factor 0.859, 111/138 (2007)
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 Verlag  
 Environmental Sciences: Impact Factor 1.620, 59/160 (2007)  
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 Environmental Sciences: Impact Factor 2.618, 59/210 (2012)
  34. Applied Biochemistry and Biotechnology: A SCI-EXPANDED and Humana Press Inc  
 Biochemistry and 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  
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  36. Journal of Porous Materials: A SCI-EXPANDED and Springer  
 Applied Chemistry: Impact Factor 1.000, 29/62 (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)
  39. Water and Environment Journal: A SCI-EXPANDED and Blackwell Publishing  
 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-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  
 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-EXPANDED and Korean Soc Biotechnology &  
 Bioengineering  
 Biotechnology and Applied Microbiology: Impact Factor 1.694, 82/138 (2007)
  43. Environmental Chemistry Letters: A SCI-EXPANDED 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-EXPANDED and Pergamon-Elsevier Science Ltd  
 Biotechnology and Applied Microbiology: Impact Factor 7.600, 9/160 (2010)
  45. Journal of Food Process Engineering: A SCI-EXPANDED and Blackwell Publishing  
 Chemical Engineering: Impact Factor 0.849, 53/114 (2007)  
 Food Science and Technology: Impact Factor 0.849, 56/103 (2007)
  46. Reactive & Functional Polymers: A SCI-EXPANDED and Elsevier Science BV  
 Applied Chemistry: Impact Factor 1.720, 19/62 (2007)  
 Chemical Engineering: Impact Factor 1.720, 21/114 (2007)  
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 Composites Materials Science: Impact Factor 2.171, 1/21 (2007)
  48. Environmental Engineering Science: A SCI-EXPANDED 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-EXPANDED and Springer  
 Multidisciplinary Materials Science: Impact Factor 1.081, 84/189 (2007)
  50. Journal of Environmental Sciences-China: A SCI-EXPANDED and Science China Press  
 Environmental Sciences: Impact Factor 0.480, 142/160 (2007)
  51. Chemistry and Ecology: A SCI-EXPANDED 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-EXPANDED 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-EXPANDED and Kluwer Academic Publ

- Environmental Sciences: Impact Factor 1.224, 88/160 (2007)  
 Meteorology and Atmospheric Sciences: Impact Factor 1.224, 33/51 (2007)  
 Water Resources: Impact Factor 1.224, 21/59 (2007)
54. Fresenius Environmental Bulletin: A SCI-EXPANDED and Inst Lebensmitteltechnologie  
 Analytische Chemie  
 Environmental Sciences: Impact Factor 0.429, 148/160 (2007)
55. Journal of Hydrology: A SCI-EXPANDED 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-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)
57. Journal of Environmental Engineering-ASCE: A SCI-EXPANDED 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-EXPANDED and Soc Brasileira Quimica  
 Multidisciplinary Chemistry: Impact Factor 1.539, 45/128 (2007)
59. Biotechnology Progress: A SCI-EXPANDED and A SCI-EXPANDED and Amer Chemical Soc  
 Biotechnology and Applied Microbiology: Impact Factor 2.224, 59/138 (2007)  
 Food Science and Technology: Impact Factor 2.224, 11/103 (2007)
60. Journal of the Chemical Society of Pakistan: A SCI-EXPANDED and Chem Soc Pakistan  
 Multidisciplinary Chemistry: Impact Factor 0.095, 128/127 (2007)
61. Ecological Engineering: A SCI-EXPANDED 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-EXPANDED 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-EXPANDED and Elsevier Science BV  
 Environmental Sciences: Impact Factor 2.182, 38/160 (2007)
64. Adsorption Science & Technology: A SCI-EXPANDED 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-EXPANDED and Springer  
Multidisciplinary Engineering: Impact Factor 0.563, 41/68 (2008)  
History and Philosophy of Science: Impact Factor 0.563, 14/41 (2008)  
Multidisciplinary Sciences: Impact Factor 0.563, 25/42 (2008)
  66. Powder Technology: A SCI-EXPANDED and Elsevier Science SA  
Chemical Engineering: Impact Factor 1.766, 26/116 (2008)
  67. Asia-Pacific Journal of Chemical Engineering: A SCI-EXPANDED and John Wiley & Sons Inc  
Chemical Engineering: Impact Factor 0.141, 107/116 (2008)
  68. Coloration Technology: A SCI-EXPANDED and Soc Dyers Colourists  
Applied Chemistry: Impact Factor 0.843, 34/60 (2008)  
Chemical Engineering: Impact Factor 0.843, 59/116 (2008)  
Textiles Materials Science: Impact Factor 0.843, 3/16 (2008)
  69. Surface and Interface Analysis: A SCI-EXPANDED and John Wiley & Sons Ltd  
Physical Chemistry: Impact Factor 1.272, 79/113 (2008)
  70. Advances in Colloid and Interface Science: A SCI-EXPANDED and Elsevier Science BV  
Physical Chemistry: Impact Factor 8.660, 9/127 (2010)
  71. International Journal of Chemical Reactor Engineering: A SCI-EXPANDED and Berkeley  
Electronic Press  
Chemical Engineering: Impact Factor 0.531, 75/116 (2008)
  72. Geoderma: A SCI-EXPANDED and Elsevier Science BV  
Soil Science: Impact Factor 2.068, 6/31 (2008)
  73. BMC Medical Research Methodology: A SCI-EXPANDED and Biomed Central Ltd  
Health Care Sciences and Services: Impact Factor 2.303, 22/69 (2009)
  74. Journal of Zhejiang University-Science A: A SCI-EXPANDED 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-EXPANDED and Desalination Publ  
Chemical Engineering: Impact Factor , 124/126 (2009)  
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Water Resources: Impact Factor 1.412, 26/66 (2009)
  78. Industrial Crops and Products, A SCI-EXPANDED 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-EXPANDED 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-EXPANDED and Springer  
 Multidisciplinary Chemistry: Impact Factor 1.093, 84/138 (2009)
81. Polish Journal of Chemical Technology: A SCI-EXPANDED and Versita  
 Applied Chemistry: Impact Factor 0.333, 58/70 (2010)  
 Chemical Engineering: Impact Factor 0.333, 110/135 (2010)
82. ScienceAsia: A SCI-EXPANDED and Thailand's Natl Science & Technology Development Agency  
 Multidisciplinary Sciences: Impact Factor 0.176 (2010)
83. Frontiers of Environmental Science & Engineering: A SCI-EXPANDED and Higher Education  
 Press  
 Environmental Engineering: Impact Factor 0.754, 38/45 (2011)  
 Environmental Sciences: Impact Factor 0.754, 173/205 (2011)
84. International Journal of Physical Sciences: A SCI-EXPANDED and Academic Journals  
 Multidisciplinary Sciences: Impact Factor 0.554, 26/48 (2009)
85. Ionics: A SCI-EXPANDED 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-EXPANDED and Elsevier Science BV  
 Industrial Engineering: Impact Factor 2.466, 1/37 (2009)  
 Operations Research and Management Science: Impact Factor 2.466, 5/73 (2009)
87. Canadian Journal of Chemical Engineering: A SCI-EXPANDED and Canadian Soc Chemical  
 Engineering  
 Chemical Engineering: Impact Factor 0.630, 81/126 (2009)
88. Climate Research: A SCI-EXPANDED and Inter-Research  
 Environmental Sciences: Impact Factor 2.250, 57/181 (2009)  
 Meteorology and Atmospheric Sciences: Impact Factor 2.250, 19/63 (2009)
89. International Journal of Environmental Research: A SCI-EXPANDED and Univ Tehran  
 Environmental Sciences: Impact Factor 0.781, 150/181 (2009)
90. Spectrochimica Acta Part A-Molecular and Biomolecular Spectroscopy: A SCI-EXPANDED and  
 Pergamon-Elsevier Science Ltd  
 Spectroscopy: Impact Factor 1.770, 19/42 (2010)
91. African Journal of Biotechnology: A SCI-EXPANDED and Academic Journals  
 Biotechnology and Applied Microbiology: Impact Factor 0.565, 131/150 (2009)
92. Journal of Industrial and Engineering Chemistry: A SCI-EXPANDED and Korean Soc Industrial  
 Engineering Chemistry  
 Multidisciplinary Chemistry: Impact Factor 1.752, 50/140 (2009)  
 Chemical Engineering: Impact Factor 1.752, 37/128 (2009)
93. Journal of the American Society for Information Science and Technology: A SCI-EXPANDED and

- John Wiley & Sons Inc  
Information Systems Computer Science: Impact Factor 2.300, 19/116 (2009)
94. Chemical Engineering Research & Design: A SCI-EXPANDED and Inst Chemical Engineers  
Chemical Engineering: Impact Factor 1.223, 49/128 (2009)
  95. Journal of Applied Polymer Science: A SCI-EXPANDED and A SCI-EXPANDED and John Wiley  
& Sons Inc  
Polymer Science: Impact Factor 1.203, 38/76 (2009)
  96. Carbohydrate Polymers: A SCI-EXPANDED and Elsevier Sci Ltd  
Applied Chemistry: Impact Factor 3.463, 3/70 (2010)  
Organic Chemistry: Impact Factor 3.463, 11/56 (2010)  
Polymer Science: Impact Factor 3.463, 11/79 (2010)
  97. ACS Applied Materials & Interfaces: A SCI-EXPANDED and Amer Chemical Soc  
Nanoscience and Nanotechnology: Impact Factor 2.925, 24/64 (2010)  
Multidisciplinary Materials Science: Impact Factor 2.925, 38/225 (2010)
  98. Chinese Science Bulletin: A SCI-EXPANDED and Science Press  
Multidisciplinary Sciences: Impact Factor 1.087, 18/59 (2010)
  99. Marine Pollution Bulletin: A SCI-EXPANDED and Pergamon-Elsevier Science Ltd  
Environmental Sciences: Impact Factor 2.359, 51/192 (2010)  
Marine and Freshwater Biology: Impact Factor 2.359, 15/92 (2010)
  100. Iranian Journal of Chemistry & Chemical Engineering-International English Edition: A SCI-  
EXPANDED and Jihad Daneshgahi  
Multidisciplinary Chemistry: Impact Factor 0.124, 143/147 (2010)  
Chemical Engineering: Impact Factor 0.124, 125/135 (2010)
  101. International Journal of the Physical Sciences: A SCI-EXPANDED and Academic Journals  
Multidisciplinary Sciences: Impact Factor 0.540, 26/59 (2010)
  102. Scientometrics: A SCI & SSCI and Kluwer Academic Publ  
Interdisciplinary Applications Computer Science: Impact Factor 1.905, 22/97 (2010)  
Information Science and Library Science: Impact Factor 1.905, 14/76 (2010)
  103. Carbohydrate Research: A SCI-EXPANDED and Elsevier Sci Ltd  
Biochemistry and Molecular Biology: Impact Factor 1.898, 197/286 (2010)  
Applied Chemistry: Impact Factor 1.898, 21/70 (2010)  
Organic Chemistry: Impact Factor 1.898, 28/56 (2010)
  104. Educational Research: A SCI-EXPANDED and Routledge  
Education and Educational Research: Impact Factor 0.898, 67/184 (2010)
  105. Entropy: A SCI-EXPANDED and MDPI AG  
Multidisciplinary Physics: Impact Factor 1.109, 34/80 (2010)
  106. E-Journal of Chemistry: A SCI-EXPANDED and WWW Publ Pte  
Multidisciplinary Chemistry: Impact Factor 0.716, 100/147 (2010)
  107. International Journal of Applied Earth Observation and Geoinformation: A SCI-EXPANDED and  
Elsevier Science BV



- Remote Sensing: Impact Factor 1.557, 5/23 (2010) SCI
108. Journal of Biobased Materials and Bioenergy: A SCI-EXPANDED and Amer Scientific Publishers  
 Applied Chemistry: Impact Factor 1.360, 28/70 (2010)  
 Energy and Fuels: Impact Factor 1.360, 39/79 (2010)  
 Biomaterials Materials Science: Impact Factor 1.360, 19/25 (2010)
109. Toxicological and Environmental Chemistry: A SCI
110. African Journal of Business Management: A SSCI and Academic Journals  
 Business: Impact Factor 1.105, 54/87 (2009)  
 Management: Impact Factor 1.105, 58/112 (2009)
111. International Journal of Environmental Research and Public Health: A SCI-EXPANDED and MDPI  
 AG  
 Environmental Sciences: Impact Factor 1.605, 103/205 (2011)
112. Journal of the Taiwan Institute of Chemical Engineers: A SCI-EXPANDED and Elsevier Science  
 BV  
 Chemical Engineering: Impact Factor 2.110, 34/133 (2011)
113. Journal of Environmental Biology: A SCI-EXPANDED and Triveni Enterprises  
 Environmental Sciences: Impact Factor 0.604, 180/205 (2011)
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)  
 Chemical Engineering: Impact Factor 0.991, 68/133 (2011)
117. Journal of Nanomaterials: A SCI-EXPANDED and Hindawi Publishing Corporation  
 Nanoscience and 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 and 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 and Nuclear Chemistry: Impact Factor 1.520, 26/44 (2011)  
 Nuclear Science and 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 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 and 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 and Nanotechnology: Impact Factor 0.772, 157/232 (2011)  
Multidisciplinary Materials Science: Impact Factor 0.772, 59/66 (2011)  
Atomic, Molecular and 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 and 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 and 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 and Molecular Biology: Impact Factor 1.165, 246/290 (2012)  
Inorganic and 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 and 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 and 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 and 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 and Technology: Impact Factor 3.259, 10/123 (2013)  
Nutrition and 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 and 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  
Physical Chemistry: Impact Factor 2.538, 56/136 (2013)  
Coatings and Films Materials Science: Impact Factor 2.538, 2/18 (2013)  
Applied Physics: Impact Factor 2.538, 29/136 (2013)  
Condensed Matter Physics: 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 and 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 and 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 and 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 and 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 and Complementary Medicine: Impact Factor 1.585, 8/24 (2014)
166. Acupuncture in Medicine: A SCI-EXPANDED and BMJ Publishing Group  
 Integrative and 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 and 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 and 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  
 General and Internal Medicine: 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 and 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 and 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 and 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 and 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 and 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 and 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 and Library Science: Impact Factor 1.053, 39/86 (2015) (SSCI)
189. International Journal of Injury Control and Safety Promotion  
Public, Environmental and 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 and Sustainable Science and Technology - SCIE: Impact Factor 5.267, 4/29 (2015)  
Chemical Engineering - SCIE: Impact Factor 5.267, 9/135 (2015)
193. Endocrine Journal  
Endocrinology and 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 and Electronic Engineering - SCIE: Impact Factor 1.249, 130/255 (2015)  
Telecommunications - SCIE: Impact Factor 1.249, 36/82 (2015)
198. International Journal of Environmental Science and Technology  
Environmental Sciences - SCIE: Impact Factor 2.344, 79/225 (2015)
199. Cytokine  
Biochemistry and 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)
200. Journal of Applied Research and Technology  
Multidisciplinary Engineering - SCIE: Impact Factor 0.447, 203/248 (2015)  
Electrical and Electronic Engineering - SCIE: Impact Factor 0.447, 71/87 (2015)
201. International Journal of Nanomedicine  
Nanoscience and Nanotechnology - SCIE: Impact Factor 4.320, 26/83 (2015)  
Pharmacology and Pharmacy - SCIE: Impact Factor 4.320, 41/255 (2015)
202. Science and Public Policy  
Management - SSCI: Impact Factor 1.233, 101/192 (2015)  
Planning and Development - SSCI: Impact Factor 1.233, 25/55 (2015)  
Public Administration - SSCI: Impact Factor 1.233, 16/47 (2015)
203. Comprehensive Reviews in Food Science and Food Safety  
Food Science and Technology - SCIE: Impact Factor 4.903, 4/125 (2015)
204. Inorganic Chemistry Frontiers  
Inorganic and Nuclear Chemistry - SCIE: Impact Factor 4.532, 6/46 (2015)
205. International Journal of Rheumatic Diseases  
Rheumatology - SCIE: Impact Factor 2.624, 17/30 (2016)
206. Physical Chemistry Chemical Physics  
Physical Chemistry - SCIE: Impact Factor 4.123, 38/145 (2016)  
Atomic, Molecular and Chemical Physics - SCIE: Impact Factor 4.123, 6/35 (2016)
207. Toxin Reviews  
Toxicology - SCIE: Impact Factor 0.789, 91/92 (2016)
208. Journal of Cleaner Production  
Green and Sustainable Science and Technology - SCIE: Impact Factor 5.715, 5/31 (2016)  
Environmental Engineering - SCIE: Impact Factor 5.715, 6/49 (2016)  
Environmental Sciences - SCIE: Impact Factor 5.715, 17/229 (2016)
209. European Addiction Research  
Substance Abuse – SCIE: Impact Factor 2.592, 10/18 (2016)  
Psychiatry – SCIE: Impact Factor 2.592, 64/142 (2016)
210. Knowledge-Based Systems

- Artificial Intelligence Computer Science – SCIE: Impact Factor 4.529, 16/133 (2016)
211. Journal of Nanoparticle Research  
Multidisciplinary Chemistry – SCIE: Impact Factor 2.020, 79/166 (2016)  
Nanoscience and Nanotechnology – SCIE: Impact Factor 2.020, 54/87 (2016)  
Multidisciplinary Materials Science – SCIE: Impact Factor 2.020, 125/275 (2016)
212. Cellulose Chemistry and Technology  
Paper and Wood Materials Science – SCIE: Impact Factor 0.763, 11/21 (2016)
213. World Journal of Gastroenterology  
Gastroenterology and Hepatology – SCIE: Impact Factor 3.365, 30/79 (2016)
214. Current Topics in Medicinal Chemistry  
Medicinal Chemistry – SCIE: Impact Factor 2.864, 23/60 (2016)
215. Current Computer-Aided Drug Design  
Medicinal Chemistry – SCIE: Impact Factor 0.732, 57/60 (2016)  
Interdisciplinary Applications Computer Science – SCIE: Impact Factor 0.732, 96/105 (2016)
216. Current Gene Therapy  
Genetics and Heredity – SCIE: Impact Factor 2.780, 77/167 (2016)
217. Ecology and Evolution  
Ecology – SCIE: Impact Factor 2.440, 57/153 (2016)  
Evolutionary Biology – SCIE: Impact Factor 2.440, 27/48 (2016)
218. Journal of Integrative Environmental Sciences  
Environmental Sciences – SCIE: Impact Factor 0.366, 222/229 (2016)
219. Drug and Chemical Toxicology  
Multidisciplinary Chemistry – SCIE: Impact Factor Impact Factor 1.732, 89/166 (2016)  
Pharmacology and Pharmacy – SCIE: Impact Factor 1.732, 186/257 (2016)  
Toxicology – SCIE: Impact Factor Impact Factor 1.732, 69/92 (2016)
220. Journal of International Medical Research  
Research and Experimental Medicine – SCIE: Impact Factor 1.323, 98/128 (2016)  
Pharmacology and Pharmacy – SCIE: Impact Factor 1.323, 208/257 (2016)
221. BMC Infectious Diseases  
Infectious Diseases – SCIE: Impact Factor 2.768, 37/84 (2016)
222. Oral Diseases  
Dentistry, Oral Surgery and Medicine – SCIE: Impact Factor 2.310, 21/91 (2017)
223. Educational Research Review  
Education and Educational Research – SSCI: Impact Factor 4.973, 3/9 (2017)
224. Periodica Polytechnica-Chemical Engineering  
Chemical Engineering – SCIE: Impact Factor 0.877, 106/137 (2017)
225. Journal of Manipulative and Physiological Therapeutics  
Health Care Sciences and Services – SCIE: Impact Factor 1.426, 69/94 (2017) Integrative and  
Complementary Medicine – SCIE: Impact Factor 1.426, 17/27 (2017)  
Rehabilitation – SCIE: Impact Factor 1.426, 42/65 (2017)



226. Electrochemistry Communications  
Electrochemistry – SCIE: Impact Factor 4.66, 6/28 (2017)
227. Physical Chemistry Research  
Multidisciplinary Chemistry - SCIE
228. Journal of Taibah University for Science  
Multidisciplinary Sciences – SCIE: Impact Factor (2017)
229. Journal of Acupuncture and Meridian Studies  
Integrative & Complementary Medicine – SCIE: (2017)
230. Publications  
Information Science and Library Science – ESCI: (2016)
231. Journal of Integrative Medicine
232. African Journal of Environmental Science and Technology
233. Journal of Physics: Conference Series
234. Journal of the Indian Institute of Science
235. International Journal of Environment and Waste Management
236. Life Science Journal
237. Pakistan Journal of Analytical and Environmental Chemistry
238. The Open Textile Journal
239. Journal of Hydro-Environment Research
240. Chinese Journal of Environmental Engineering
241. African Journal of Food Science
242. International Research Journal of Microbiology
243. International Food Research Journal
244. International Journal of Environmental Engineering
245. International Research Journal of Agricultural Science
246. Journal of Physical Chemistry
247. Iranian Journal of Biotechnology
248. Sage-Hindawi Access to Research
249. International Journal of Chemical Engineering
250. International Journal of Innovation and Technology Management
251. Journal of Environmental Chemistry and Ecotoxicology
252. Science China Chemistry (Science in China Series B)
253. Research in Pharmaceutical Biotechnology
254. International Journal of Biochemistry
255. Journal of Pure and Applied Chemistry
256. Journal of Civil Engineering and Construction Technology
257. Global Journal of Library and Information Sciences
258. Global Research Journal of Microbiology
259. African Journal of Agricultural Research
260. Journal of Thermodynamics

261. Science Journal of Geology and Mining Engineering
262. Blue Biotechnology Journal
263. International Journal of Nutrition and Metabolism
264. Management Research Review
265. Journal of Materials and Environmental Science
266. Journal of Environmental Protection
267. Journal of Accounting and Taxation
268. Journal of Physical and Environmental Science Research
269. Science Journal of Environmental Engineering Research
270. Science Journal of Chemical Engineering
271. American Chemical Science Journal
272. Journal of Agricultural Biotechnology and Sustainable Development
273. Education Research Journal
274. Journal of Chemistry
275. Chemical Society of Ethiopia
276. International Journal of Environment and Sustainable Development
277. International Journal of Research in Chemistry and Environment
278. Journal of Public Health and Epidemiology
279. International Journal of Industrial Chemistry
280. World Journal of Gastrointestinal Oncology
281. Journal Materials and Environment Science
282. International Journal of Inorganic Chemistry
283. International Journal of Peace and Development Studies
284. International Journal of Environmental Technology and Management
285. Progress in Color, Colorants and Coatings
286. Physical Review & Research International
287. ISRN Chemical Engineering
288. Annals of Medical and Health Sciences Research
289. Journal of Waste Management
290. Materials Sciences and Applications
291. Journal of Environmental Chemical Engineering
292. World Journal of Orthopedics
293. Advances in Physical Chemistry
294. British Biotechnology Journal
295. Journal of Water Sustainability
296. Journal of Scientometric Research
297. Research in Neurology: An International Journal
298. Unique Research Journal of Agricultural Sciences
299. Sky Journal of Journal of Soil Sciences and Environmental Management
300. Journal of Applied Chemistry

301. Forest Products Journal
302. Journal Pharmacy and Pharmacology Research
303. Journal of Chromatography & Separation Techniques
304. British Journal of Economics, Management & Trade
305. Journal of Sociology and Anthropology
306. British Journal of Medicine and Medical Research
307. International Scholars Journals
308. Recent Patents on Food, Nutrition & Agriculture
309. Journal of Earth Science Research
310. BioMed Research International
311. Sustainability
312. International Journal of Agricultural Policy and Research
313. Physical Sciences Research International
314. Trends in Environmental Analytical Chemistry
315. International Research Journal of Public and Environmental Health
316. International Journal of Library and Information Science
317. Merit Research Journal of Education and Review
318. Merit Research Journal of Microbiology and Biological Sciences
319. Basic Research Journal of Soil and Environmental Science
320. International Journal of Environmental Protection
321. Merit Research Journal of Environmental Science and Toxicology
322. Advances in Chemistry
323. Merit Research Journal of Art, Social Science and Humanities
324. Research Journal of Agricultural and Environmental Management
325. Journal of Information Science Theory and Practice
326. Journal of Membrane and Separation Technology
327. British Journal of Pharmaceutical Research
328. British Journal of Mathematics & Computer Science
329. International Journal of Academic Library and Information Science
330. Scientific World Journal
331. Applied Water Science
332. OALib Journal
333. Annals of Medical and Health Sciences Research
334. Journal of Physics and Astronomy Research
335. Recent Patents on Engineering
336. Indian Journal of Science and Technology
337. Clinical Medical Reviews and Case reports
338. International Journal of Recycling of Organic Waste in Agriculture
339. Journal of Advances in Biology & Biotechnology
340. Merit Research Journal of Accounting, Auditing, Economics and Finance

341. Advances in Research
342. International Journal of Plant & Soil Science
343. Synthesis and Reactivity in Inorganic Metal-Organic and Nano-Metal Chemistry
344. Journal of Scientific Research and Reports
345. Journal of Water Process Engineering
346. International Journal of Toxicology and Environmental Health
347. Current Metabolomics
348. Journal of Horticulture and Forestry
349. Journal of Basic and Applied Research international
350. Journal of African Studies and Development
351. Waste and Biomass Valorization
352. Issues in Business Management and Economics
353. International Journal of Research in Environmental Studies
354. International Journal of Accounting and Finance
355. PENCIL Publication of Biological Sciences
356. Pakistan Journal of Analytical & Environmental Chemistry
357. World Journal of Engineering and Physical Sciences
358. Journal of Orthopedic Research & Physiotherapy
359. SOJ Surgery
360. Environment and Ecology Research
361. Science & Technology Libraries
362. African Journal of Microbiology Research
363. International Journal of Medicine and Medical Sciences
364. Journal of Accounting and Taxation
365. F1000Research
366. Austin Journal of Cancer & Clinical Research
367. International Journal for Biotechnology and Molecular Biology Research
368. Recent Innovations in Chemical Engineering
369. Journal of Environment and Waste Management
370. Science Advances
371. SAGE Open
372. International Journal of Innovation and Sustainable Development
373. International Journal of Library and Information Science
374. West Indian Journal of Engineering
375. International Research Journal of Environmental Sciences and Studies
376. Journal of Economics and International Finance
377. Journal of Engineering and Technological Sciences
378. International Research Journal of Agricultural and Food Sciences
379. Environmental Development
380. Environmental Processes

381. Materials Research
382. Ecosystem Health and Sustainability
383. Journal of Accounting and Taxation
384. Journal of Surface Engineered Materials and Advanced Technology
385. Recent Patents on Biotechnology
386. Pakistan Journal of Scientific & Industrial Research
387. Heliyon
388. Advances in Chemical Engineering and Science
389. Journal of Computational Biology and Bioinformatics Research
390. Zimbabwe Journal of Science and Technology
391. World Journal of Clinical Cases
392. Jordan Journal of Biological Sciences
393. British Journal of Applied Science & Technology
394. Open Journal of Nursing
395. Chemistry Journal of Moldova
396. Microbiology Research Journal International
397. International Journal of Business and Finance Management Research
398. Current Environmental Engineering
399. Global Science Chronicle
400. The Scientific Journal of Molecular Physics
401. Algal Research
402. BAOJ Biotechnology
403. Global Journal of Ecology
404. International Journal of Global Environmental Issues
405. Informatics in Medicine Unlocked
406. International Journal of Hospitality Management
407. Merit Research Journal of Medicine and Medical Sciences
408. Journal of Lung Health and Diseases
409. Current Journal of Applied Science and Technology
410. Scientific Research Publishing
411. Annals of the Brazilian Academy of Sciences
412. International Journal of Educational Administration and Policy Studies
413. Scientific Research Publishing
414. Applied Clinical Research, Clinical Trials and Regulatory Affairs
415. Data in Brief
416. Journal of Ecology of Health & Environment
417. Premier Publishers
418. Biosciences Biotechnology Research Asia
419. Biomedical and Pharmacology Journal
420. The Open Transportation Journal

421. International Journal of Chemistry and Technology
422. World Journal of Microbiology and Biotechnology
423. OBM Integrative and Complementary Medicine
424. Engineering
425. Journal of Visualized Experiments
426. International Journal of Nursing Practice
427. Global Journal of Environmental Science and Management
428. Net Journal of Social Sciences
429. Educational Research and Reviews
430. Open Journal of Business and Management
431. International Journal for Biotechnology and Molecular Biology Reviews
432. Trends in Microbiology
433. Asian Research Journal of Arts & Social Sciences
434. Current Agriculture Research Journal
435. Journal of Economics, Management and Trade
436. Asian Journal of Economics, Business and Accounting
437. AAS Open Research
438. Current World Environment
439. Current Applied Polymer Science
440. International Journal of Simulation and Process Modelling
441. International Journal of Educational Policy Research and Review
442. Advancement in Medicinal Plant Research

### **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 been updated as of March 1, 2011 to cover an 11-year period, January 1, 2000-December 31, 2010.)
- 2012 **Ho, Y.S.\*** and Chiang, C.C. (2001), Sorption studies of acid dye by mixed sorbents. *Adsorption-Journal of the International Adsorption Society*, **7** (2), 139-147. Rank 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.)
- 2013 **Ho, Y.S.\*** (2003), Removal of copper ions from aqueous solution by tree fern. *Water Research*, **37** (10), 2323-2330. Rank 10<sup>th</sup>/93 in *Water Research*; and rank 477<sup>th</sup>/3,224 in the world, in the field of Environment/Ecology. (**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.)

- 2013 **Ho, Y.S.**, Porter, J.F. and McKay, G. (2002), Equilibrium isotherm studies for the sorption of divalent metal ions onto peat: Copper, nickel and lead single component systems. *Water Air and Soil Pollution*, **141** (1-4), 1-33. Rank 1<sup>st</sup>/4 in *Water Air and Soil Pollution* and rank 456<sup>th</sup>/3,224 in the world, in the field of Environment/Ecology. (**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.)
- 2013 Ofomaja, A.E. and **Ho, Y.S.\*** (2007), Effect of pH on cadmium biosorption by coconut copra meal. *Journal of Hazardous Materials*, **139** (2), 356-362. Rank 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.)
- 2015 **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 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.)
- 2015 **Ho, Y.S.\*** (2013), The top-cited research works in the Science Citation Index Expanded. *Scientometrics*, **94** (3), 1297-1312. Rank 27<sup>th</sup>/32 in *Scientometrics* and rank 6499<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.)
- 2016 **Ho, Y.S.\*** (2006), Review of second-order models for adsorption systems. *Journal of Hazardous Materials*, **136** (3), 681-689. Rank 2<sup>nd</sup>/719 in *Journal of Hazardous Materials* and rank 19<sup>th</sup>/10,338 in the world, in the field of Engineering. (**Essential Science Indicators** has been updated as of May 26, 2016 to cover a 10-year plus 2-month period, January 1, 2006-February 29, 2016)
- 2016 **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 7<sup>th</sup>/153 in *Water Research* and rank 191<sup>th</sup>/3,714 in the world, in the field of Environment/Ecology. (**Essential Science Indicators** has been updated as of May 26, 2016 to cover a 10-year plus 2-month period, January 1, 2006-February 29, 2016)
- 2016 Cindrella, L., Kannana, A.M., Lin, J.F., Saminathan, K., **Ho, Y.**, Lin, C.W. and Wertz, J. (2009), Gas diffusion layer for proton exchange membrane fuel cells: A review. *Journal of Power Sources*, **194** (1), 146-160. (**Essential Science Indicators** has been updated as of May 7, 2015 to cover a 10-year plus 2-month period, January 1, 2005-February 28, 2015)
- 2016 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. Rank 381<sup>th</sup>/719 in *Journal of Hazardous Materials* and rank 3,945<sup>th</sup>/9,971 in the world, in the field of Engineering. (**Essential Science Indicators** has been updated as of May 26, 2016 to cover a 10-year plus 2-month period, January 1, 2006-February 29, 2016)
- 2016 **Ho, Y.S.\*** (2014), Classic articles on social work field in Social Science Citation Index: A bibliometric analysis. *Scientometrics*, **98** (1), 137-155. Rank 24<sup>th</sup>/29 in *Scientometrics* and rank



6149<sup>th</sup>/7,328 in the world, in the field of General Social Sciences. (**Essential Science Indicators** has been updated as of May 26, 2016 to cover a 10-year plus 2-month period, January 1, 2006-Februray 29, 2016.)