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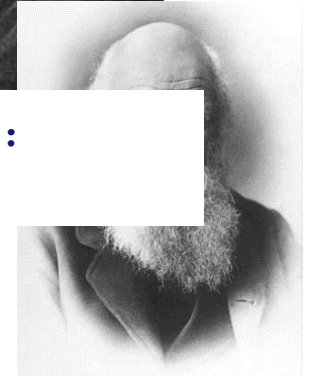
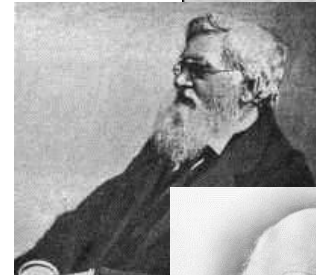
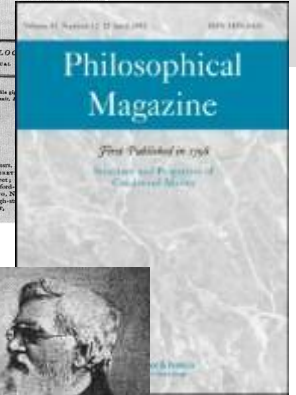
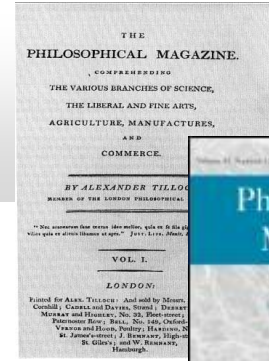
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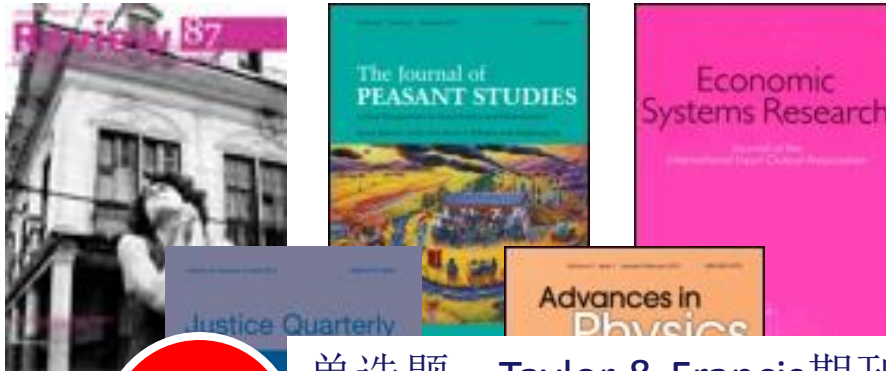
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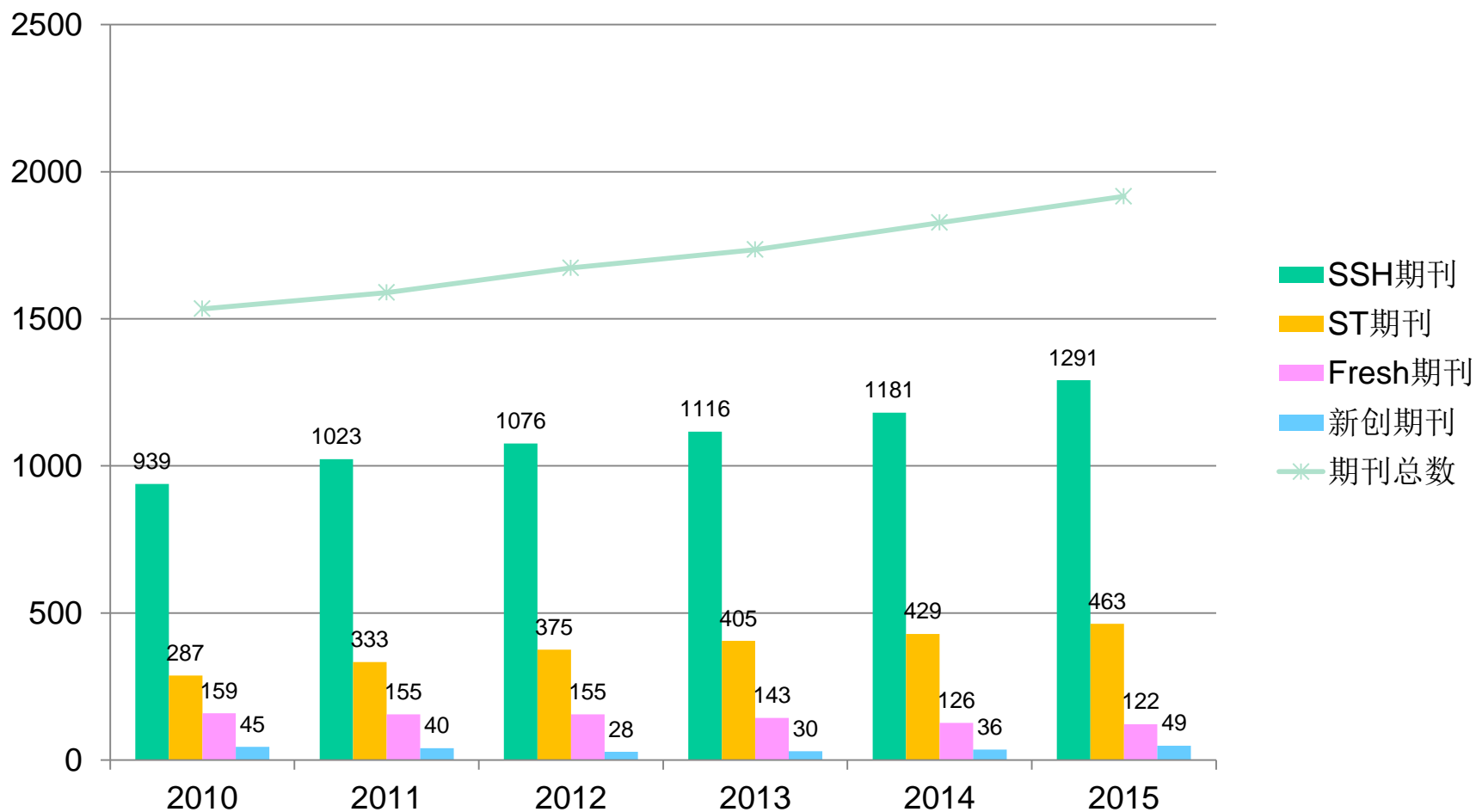
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答案：1997年



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JCR学科排名第一：

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教育心理学；

医学伦理学；

规划与发展；

休闲、体育和旅游；

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历史和科学哲学；

人类学



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学科介绍

被收录期刊比较多的领域：

JCR学科分类	JCR排名 期刊总数	T&F入榜 期刊数量	入榜 百分比
种族研究	15	7	47%
教育与教育研究	219	75	34%
遥感	27	8	30%
文化研究	38	16	42%
酒店餐饮、休闲、运动与旅游	38	15	39%
区域研究	63	22	35%
传播学	74	25	34%
地理学	76	24	32%



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现刊 – 人文社会科学期刊数据库

Taylor & Francis SSH期刊数据库

14种学科，1280余种人文社科类期刊

2014年与DRAA组团

学科	数量	学科	数量
人类学、考古学	16/18	图书馆与信息科学	41/44
艺术			4
行为科学	165/176	政治、国际关系与区域研究	138/152
商务、管理与经济	98/115	公共卫生与社会保健	76/80
犯罪学与法学	25/27	社会学及其相关学科	34/42
教育学	191/202	体育、休闲与旅游	44/49
地理、规划、城市与环境	72/73	战略、防御与安全研究	38/40



单选题：Taylor & Francis SSH Library由几个子库组成？

答案：14个

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现刊 – 科技期刊数据库

Taylor & Francis ST期刊数据库

5种学科分类，460余种科技类期刊；

2009年与DRAA组团，已组团2期，目前用户数量50+



单选题：Taylor & Francis ST Library由几个子库组成？

答案：5个：化学；物理学；工程计算与技术；环境与农业科学；数学与统计学。

学科	数量
农业与环境科学	172/192
数学与统计学	49
物理学	28

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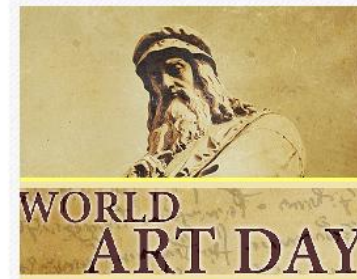
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Abstract

In this paper, we have demonstrated a facile strategy of preparing azo-crown ether (ACE)-modified silver nanoparticles (Ag NPs) by an efficient nano-conjugate technology named dithiocarbamate. This is the first report of using ACE to modify Ag NPs. ACE-modified Ag NPs have a good recognition of Ba^{2+} , with the detection limit of 10^{-7} mol/L. It is reasonable to believe that Ba^{2+} induced the self-assembly of Ag NPs by the formation of the sandwich structures with ACE.

Control Li^+ Na^+ K^+ Ca^{2+} Mg^{2+} Cd^{2+} Ba^{2+} Sr^{2+}

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Keywords
silver nanoparticles, azo-crown ether

Abstract

Two synthesized 1,8-naphthylene-based molecular probes, $NH-1$ and $NH-2$, exhibit highly selective fluorescence responses towards the toxic cadmium over coordinatively remaining Zn^{2+} and several other metal ions examined. On the one hand, $NH-1$ (CH_3OCH_2 , $n=0$), and $NH-2$ exhibit ca. 1.3 order of magnitude higher stability constant for Cd^{2+} over Zn^{2+} on the other hand, $NH-2$ in water offers unique selectivity only towards Cd^{2+} , exhibiting both absorbance and emission red shifts as well as fluorescence enhancement. By 1H NMR analysis, the later-coordinated binding is indicated at least for the $NH-1+Cd^{2+}$ complex and theoretical calculations reveal relatively stronger binding of Cd^{2+} over Zn^{2+} .

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Keywords
1,8-naphthylene, fluorescence photophysical studies, fluorescent cadmium sensors, $NH-1$

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DOI: 10.1080/21552851.2012.724909

Josephine Maltby^{a*}
pages 199-225



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The article explores the reporting of the class status and identity of savers by British savings banks in the nineteenth century, during a period of growing interest in statistical reporting as a means of social control. It reviews in detail the annual reports produced by a number of banks and places their form and content in relation to the claims made for the banks' social contribution. This is set in the context of contemporary social, economic and political debates about the function of savings as a means of educating the poor and strengthening bonds

Accounting History Review
Vol. 22, No. 3, November 2012, 199-225



'To bind the humbler to the more influential and wealthy classes'. Reporting by savings banks in nineteenth century Britain

Josephine Maltby*

The York Management School, University of York, York, UK

The article explores the reporting of the class status and identity of savers by British savings banks in the nineteenth century, during a period of growing interest in statistical reporting as a means of social control. It reviews in detail the annual reports produced by a number of banks and places their form and content in relation to the claims made for the banks' social contribution. This is set in the context of contemporary social, economic and political debates about the function of savings as a means of educating the poor and strengthening bonds between the elite and the working classes.

Keywords: savings banks; statistics; categorisation; Victorian Britain; social accounting

Our provident masters and misses, industrious peasants and mechanics, frugal housewives and economical apprentices are depositing their spare pence in these novel receptacles R. P. C. 1819

Introduction

Walker (2008, 453) argues that accounting studies tend to focus on the firm 'to the exclusion of the social institutions and practices which activate social control, maintain social order and perform functions of socialisation and social protection'. His argument is that accounting history should pay more attention to the activity of accounting as a 'social practice' (Hopwood and Miller 1994).

Walker's own work (2004, 2008) has included one of these practices – the use of accounting to classify and stigmatise paupers in England during the nineteenth century. Other social roles for accounting have been explored by Jackson (2012) in his study of the annual reports of the Edinburgh Royal Infirmary, Holden, Funnell, and Oldroyd (2009) on the Newcastle Infirmary, and Oldroyd, Fleischman, and Tyson (2008) on accounting for slavery. Their findings indicate different potential uses for accounting in its encounter with the social. For Jackson, the reports detailing the supporters of the Infirmary enabled the hospital managers to practise accountability, identifying its patrons by name and holding the local community to account for its charitable support. Oldroyd,

*Email: josephine.maltby@york.ac.uk

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1. American Association of Colleges for Teacher Education. 2008. The new president, the 111th Congress, and the education agenda <http://www.aacts.org/index.php?/Press-Center/Feature-Articles/the-new-president-the-111th-congress-and-the-education-agenda.html> (accessed January 2, 2009)
2. Americans for the Arts. 2008. No Child Left Behind: The impact of the latest federal education legislation on the arts http://www.artsusa.org/networks/arts_education/arts_education_015.asp (accessed February 7, 2009)
3. Asmer, M. 2007. Huckabee touts arts education: Candidate talks to, jama with students, Concord Monitor, October 21. <http://www.concordmonitor.com/apps/pbcs.dll/article?Data=20071020> (accessed October 21, 2007)
4. Brider, D. 2009. Thanks to the recession, education has resources for change. Orlando Sentinel, March 10, 2009, A9
5. Chapman, L. H. 2004. No child left behind in art?. *Arts Education Policy Review*, 106(2): 3-17. [Informaworld]
6. Chapman, L. H. 2005. Status of elementary art education: 1997-2004. *Studies in Art Education*, 46(2): 118-37.
7. Chapman, L. H. 2007. Update: NCLB hearings: schedule not yet set. *NAEA News*, 14(2): 1-3.
8. Child, Z. 2007. No Child Left Behind Act faces overhaul, political donnybrook. *San Francisco Chronicle*. <http://www.sfgate.com/cgi-bin/article.cgi?f=/c/a/2007/09/09/NINASSOCNB.DTL> (accessed October 9, 2007)

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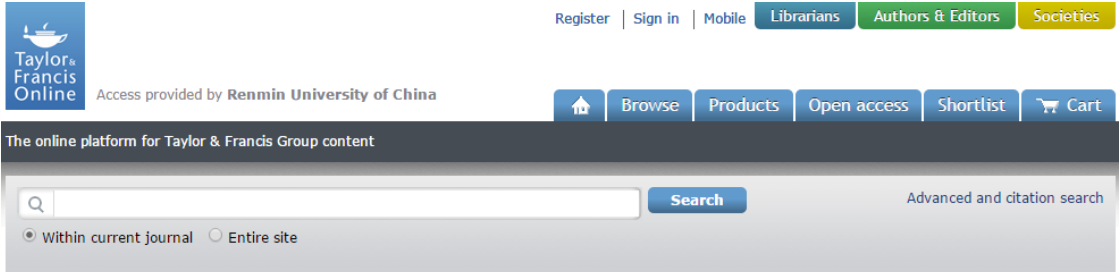
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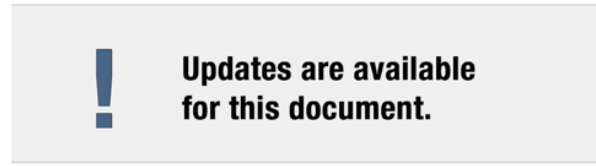


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- Balteiro, I. (1)
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- Levy, H. (1)
- Mahadi, T.S.T. (1)

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1. U.S. Department of Transportation. Rollover prevention systems for light trucks and vans. Washington, DC: NHTSA, 2009-09-029, edition; 2009.
2. Chu D-F. Rollover prevention systems. Proceedings of 10th international symposium on heavy vehicle dynamics; London; 2010. UK; 2010.
3. Imine H. Identification of heavy vehicle parameters and prevention. Proceedings of the 22nd symposium of the international symposium on heavy vehicle dynamics; Manchester; 2011.
4. Chen S-K, Moshchuk N, Nardi F, Ryu J. Vehicle rollover prevention. Proceedings of 10th international symposium on heavy vehicle dynamics; London; 2010;30:70–85. doi: 10.1109/MCS.2010.937004 [CrossRef].
5. Katzourakis DI, Velenis E, Holweg E, Happee R. Haptic steering support near the tires' cornering limits. Proceedings of 11th international symposium on heavy vehicle dynamics; Seoul; 2012.
6. Katzourakis DI. Driver steering support interfaces near the limits of vehicle stability. The Netherlands: TU Delft; 2012.
7. Lin RC, Cebon D, Cole DJ. Optimal roll control of a single track vehicle. Part D: J Automob Eng. 2005;210(1):45–54.
8. Cho W, Yoon J, Kim J, Hur J, Yi K. An investigation into the effect of active semi-trailer steering on vehicle stability and manoeuvrability. Veh Syst Dyn. 2010;48(10):1080/00423110701882330 [Taylor & Francis Online].
9. Gaspar P, Szasz I, Bokor J. Rollover stability control in a linear quadratic control method. Int J Heavy Veh Syst. 2006;13(1/2):125–140. doi: 10.1504/IJHVS.2006.009121 [CrossRef], [Web of Science].
10. Winkler C, Fancher P, Ervin R. Intelligent systems for active roll control. SAE technical paper series, reprinted from: IV: vehicle advanced controls (SAE 1999-01-1301); 1999.
11. Cheng C, Cebon D. Improving roll stability of articulated heavy vehicles using active semi-trailer steering. Veh Syst Dyn. 2008;46:373–388. doi: 10.1080/00423110801958576 [Taylor & Francis Online].
12. Futterer S, Gerdes M, Niewels F, Ziegler P. Rollover mitigation for heavy trucks using active steering intervention. VDI Berichte. 2007;2000:721–733.
13. Buld S, Krüger H-P. Wirkung von Assistenz und Automation auf Fahrerzustand und Fahrverhalten. Final report of the project EMPHASIS. Würzburg: Interdisziplinäres Zentrum für Fahrerassistenzforschung; 2010.

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Improving roll stability of articulated heavy vehicles using active semi-trailer steering

DOI: 10.1080/00423110801958576
C. Cheng^a & D. Cebon^{a*}
pages 373-388

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This paper discusses an optimal linear quadratic control algorithm to improve the roll stability of a tractor semi-trailer using active semi-trailer steering. The controller minimises a combination of the path-tracking deviation of the trailer rear end relative to the path of the hitch point (5th wheel) and the lateral acceleration of trailer centre of gravity (CoG). First a linear vehicle model of tractor semi-trailer is constructed. Then a 'virtual driver' model for trailer steering control is introduced to minimise the path-tracking deviation of trailer rear end. The lateral acceleration of trailer CoG is included as a second objective of the optimal controller so as to improve roll stability. A Kalman filter with linear vehicle model is used to estimate unknown vehicle states, needed by the controller. Simulation

Improving active semi-trailer steering

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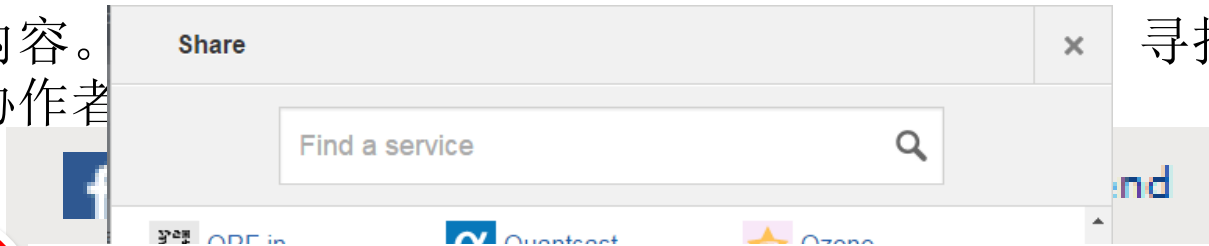
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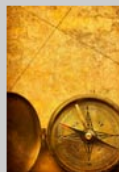
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- Article Title, Publication Title, Author, ISSN / DOI, Abstract, Keywords:** Individual text input fields for specific search criteria. The "Keywords" field contains "food safety".
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- Citation Search:** A section for searching by journal title, with a text input field labeled "Journal Title" and "Enter Text".
- Filters:** Radio buttons for "Last Year" and a "Year" dropdown menu.
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- Cancel:** A green button at the bottom right of the subject area filter window.
- Saved searches and history:** A section at the bottom with two sub-sections:
 - Save Search:** A form to create a saved search with fields for "Search Name" (Tianjing Agricultural University Testing) and "Description" (Testing). It includes radio buttons for "Alert me to new results from this saved search" (Never, Daily, Weekly, Monthly) and a "Save Search" button.
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- Alfonso, M.D. and Bórques, R. (2002). Nanofiltration of wastewaters from the fish meal industry. *Desalination*. 151:131-138. [CrossRef], [CSA]
- Ali, F., Dornier, M., Duquenoy, A. and Reynes, M. (2003). Evaluating transfers of aroma substances from food to packaging materials. *Journal of Food Protection*. 66:103-108. [CrossRef], [Web of Science]

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- Alves, V.D. and Coelho, I.M. (2006). Orange juice concentration by osmotic evaporation and membrane distillation: A comparative study. *J. Food Eng.* 74:125-133. [CrossRef], [Web of Science]
- Andrés, L.J., Riera, F.A. and Alvarez, R. (1995). Skimmed milk demineralization by electrodialysis: Conventional versus selective membranes. *J. Food Eng.* 26:57-66. [CrossRef], [Web of Science]
- Araújo, R., Vatai, G., Bekassy-Molnar, E. and Balint, A. (2005). Investigation of ultra- and nanofiltration of whey protein and lactose. *J. Food Eng.* 67:325-332. [CrossRef], [Web of Science]
- Rastogi, N.K. and Raghavarao, K.S. M. S. (2006). Mass transfer in osmotic distillation of phycocyanin colorant and sweet-lime juice. *J. Membr. Sci.* 287:1-10. [CrossRef], [Web of Science]

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Membrane Processing Technology in the Food Industry: Food Processing, Wastewater Treatment, and Effects on Physical, Microbiological, Organoleptic, and Nutritional Properties of Foods

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Membrane Processing Technology in the Food Industry: Food Processing, Wastewater Treatment, and Effects on Physical, Microbiological, Organoleptic, and Nutritional Properties of Foods

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Membrane processing technology (MPT) is increasingly used nowadays in a wide range of applications (demineralization, desalination, stabilization, separation, deacidification, reduction of microbial load, purification, etc.) in food industries. The most frequently applied techniques are electro dialysis (ED), reverse osmosis (RO), nanofiltration (NF), ultrafiltration (UF), and microfiltration (MF). Several membrane characteristics, such as pore size, flow properties, and the applied hydraulic pressure mainly determine membranes' potential uses. In this review paper the basic membrane techniques, their potential applications in a large number of fields and products towards the food industry, the main advantages and disadvantages of these methods, fouling phenomena as well as their effects on the organoleptic, qualitative, and nutritional value of foods are synoptically described. Some representative examples of traditional and modern membrane applications both in tabular and figural form are also provided.

Keywords: Membrane processing technology, food processing, electro dialysis, microfiltration, nanofiltration, reverse osmosis, ultrafiltration, demineralization, separation, microbial inhibition, nutritional value

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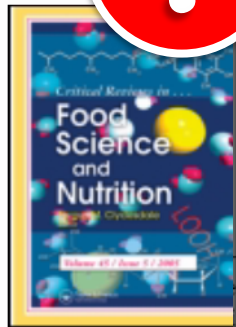
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2002). The main principle of UF process resides in the placement of a solution that contains large molecules, at one side of the membrane and the implementation of pressure, leading to removal of the solvent and retention of a highly concentrated solution. The enhanced concentration levels near the pores results in formation of a viscous layer, known as concentration boundary layer (Kumar and Upadhyay, 2000). RO is a membrane diffusion technique based on the implementation of pressure. Specifically, RO membranes retention level can reach up to 95-99% of the dissolved solutes (either organic or inorganic) filtered and the permeate water is characterized by excellent qualitative characteristics. As a result, RO is categorized as a concentration procedure (El-Salam, 2003). According to Gryta (2005), the osmotic membrane distillation is a membrane distillation (MD) technique, applied at low temperature conditions. This process can be implemented with the aim to separate numerous aqueous solutions. The hydrophobic properties of these membranes impede the penetration of aqueous solutions.

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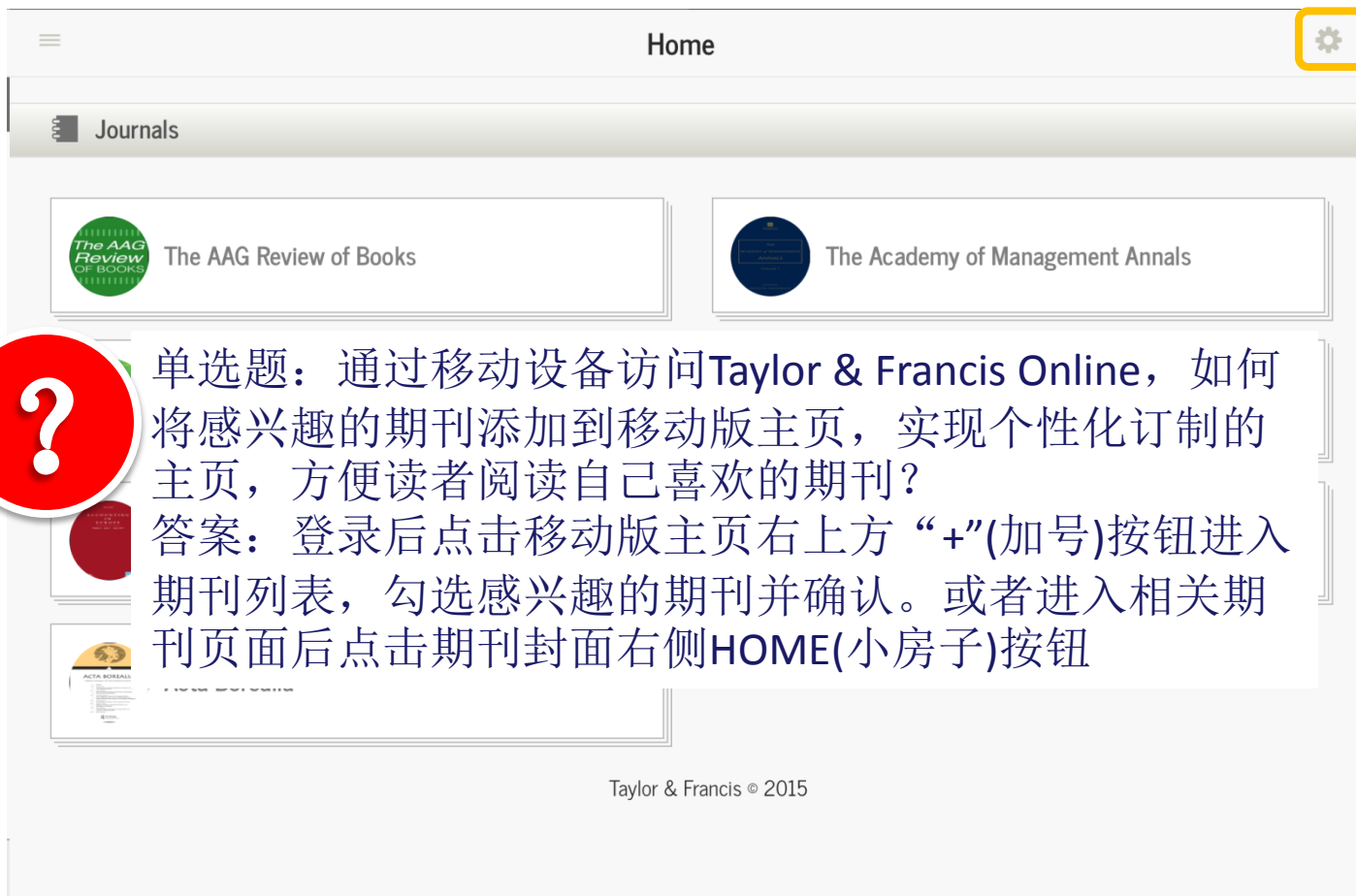
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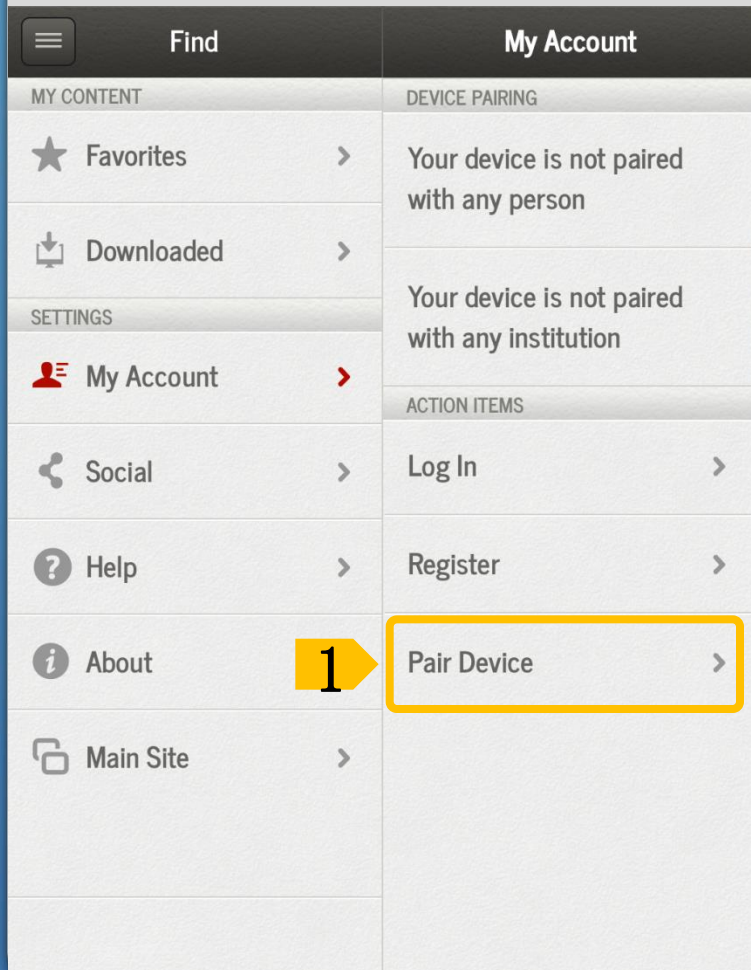
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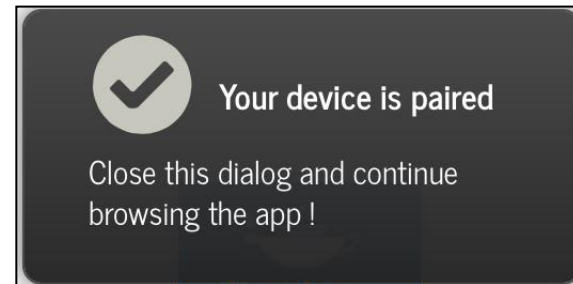
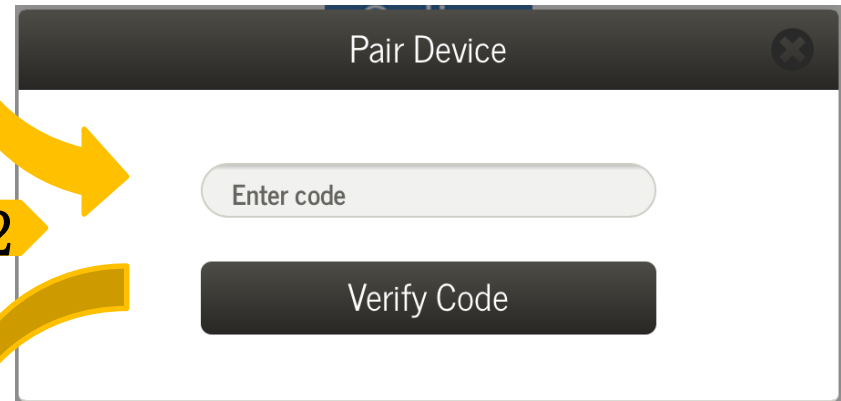
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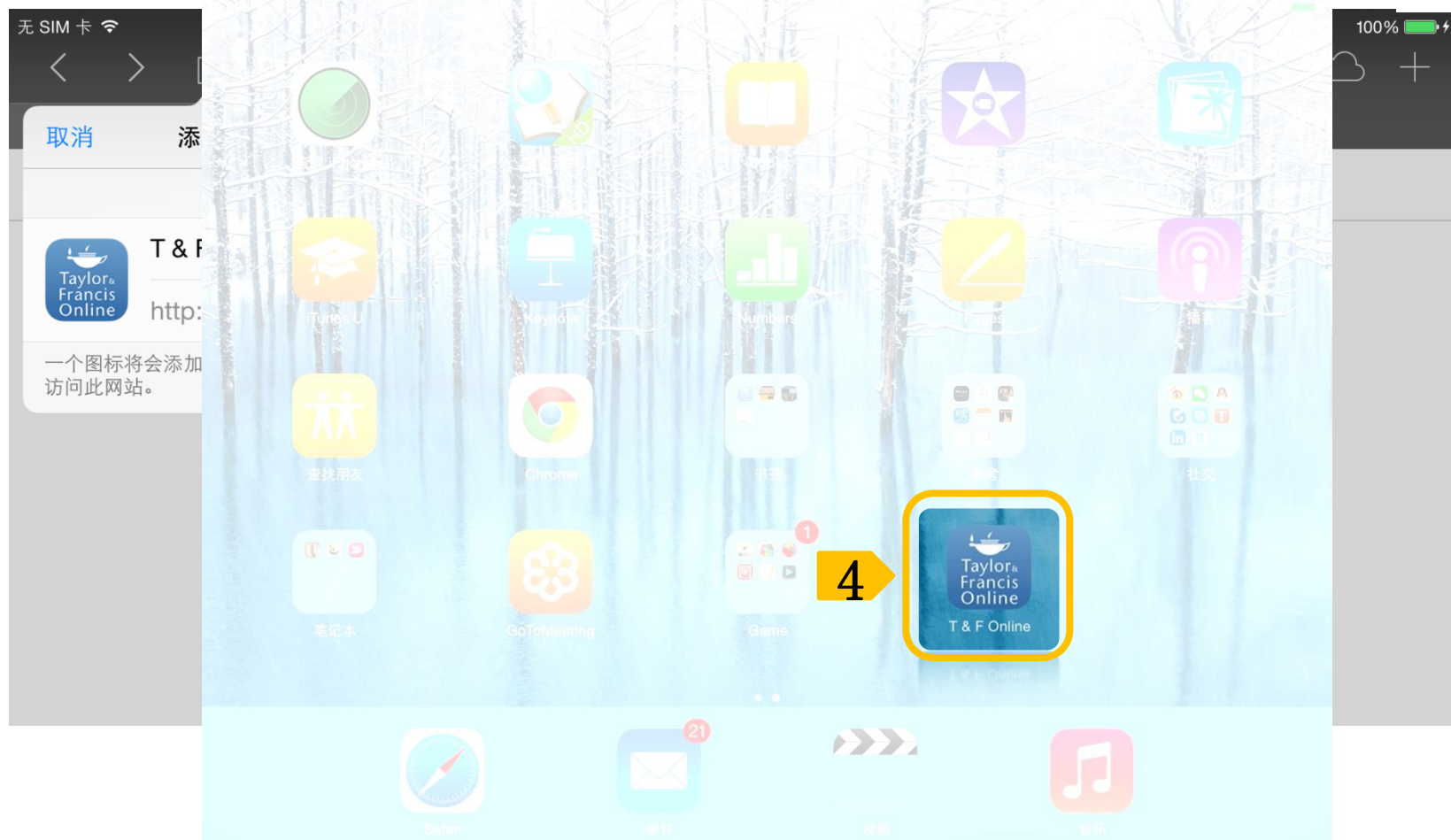
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