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### 趨勢:頂尖國際學術期刊用系統偵測來稿者原創性

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Published online 5 July 2010 | *Nature* **466**, 167 (2010) | doi:10.1038/466167a

#### Journals step up plagiarism policing

Cut-and-paste culture tackled by CrossCheck software.

#### Declan Butler

Major science publishers are gearing up to fight plagiarism. The publishers, including Elsevier and Springer, are set to roll out software across their journals that will scan submitted papers for identical or paraphrased chunks of text that appear in previously published articles. The move follows pilot tests of the software that have confirmed high levels of plagiarism in articles submitted to some journals, according to an informal survey by Nature of nine science publishers. Incredibly, one journal reported rejecting 23% of accepted submissions after checking for plagiarism.

Over the past two years, many



Look out plagiarists — you are being watched.

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### 趨勢:頂尖國際學術期刊用系統偵測來稿者原創性



### **Declan Butler**

http://www.nature.com/news/2010/100705/full/466167a.html

在過去的兩年裏,許多出版商(包括Nature Publishing Group)已開始試用CrossCheck。CrossCheck是一個反剽竊檢測服務系統,它是由協同3,108家商業和學術團體的非營利機構CrossRef在2008年6月發行的。該項服務系統使用了由iParadigms生產的iThenticate反剽竊軟體,可以將其整篇文章與其他文章進行比對。出版商在訂購CrossCheck時必須同意與它分享他們自己的原稿資料庫。迄今為止,已有83家出版商加入了此資料庫,目前已經發展到來自48517種刊物和書籍的25.5百萬文章。

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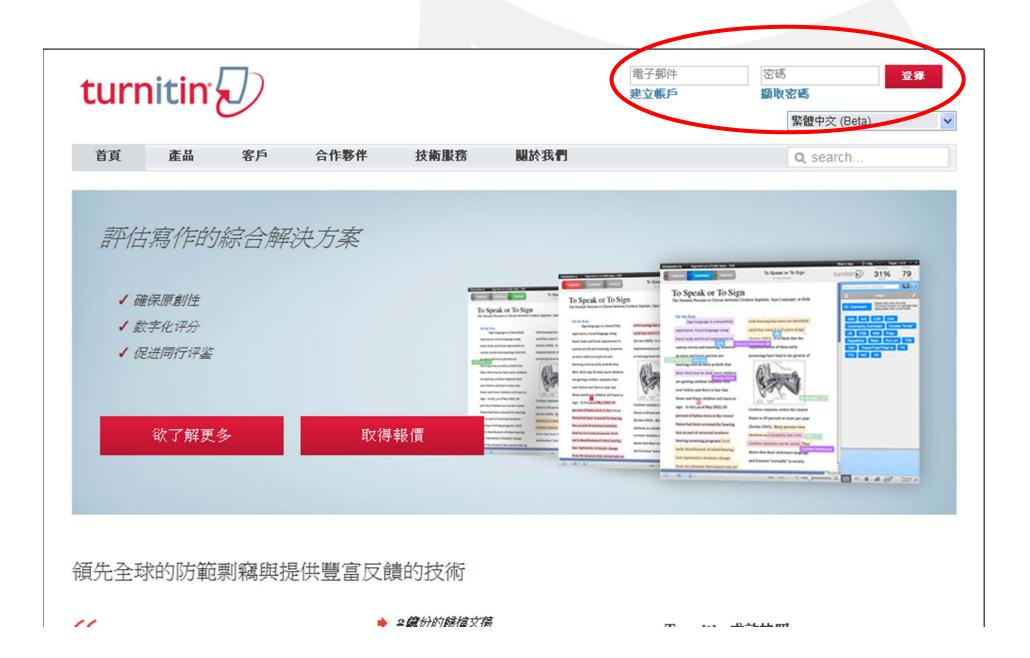
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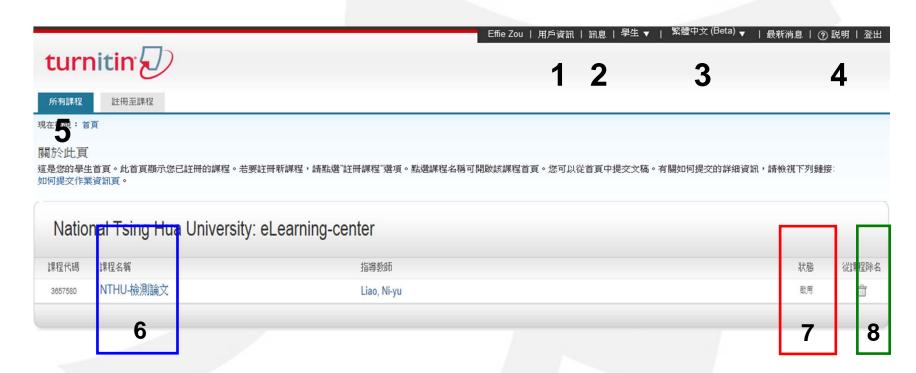
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# 上傳完畢



his morning at <u>ConQuesT</u>, I attended a panel called "The Road to Publishing". The panel consisted of Eric Reynolds, publisher and founder of Kansas City area small press <u>Hadley Rille Books</u>, authors <u>Robert Collins</u>, <u>Shannon Butcher</u>, <u>Sherry Foley</u>, and <u>Sharon Lee</u>, and author/editor <u>Gardner Dozois</u>.

The panel focused on how authors should go from having written a book to getting it into

## 原創性比對報告

課程概**發** 同濟評鑑 我的評分 討論 行事歷 現在檢視: 首頁 > 英文寫作 **數迎來到您的新課程首頁**! 從課程首頁您可以看到您的課程的所有作業,檢視額外作業資訊,提交您的作品,並進入給您的文稿的反饋。 學留在課程首頁的任何項目以獲得更多資訊。

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## 原創性報告-文件檢視工具

期末報告 - 到期 2012年06月30日 最新消息 英文期刊 riginality PeerMark 0 中的 gallate (PG), and tert-butylhydroquinone (TBHQ) are (Sigma Chem. Co., USA). Estimation of the total phenocommonly used as synthetic antioxidants in lipid-containlics content was carried out in triplicate and averaged. ing foods (18). In the last two decades, there has been an increasing interest in replacing these synthetic antioxi-IV. Total Flavonoid Content dants with natural alternatives (19), becau 6 of their possible role as promoters of carcinogenesis (20). Fruits, vegetables, Total flavonoid content was determined by the colotric method of Christel et al (22), Methanolic extract spices, nuts, seeds, leaves, roots, and barks have thus been 提交至 National Chung 10% (0.5 mg) was mixed with 0.5 mL of 2% aluminum chloexplored as potential sources of natural antioxidants (7). Water caltrop hulls are now commonly used as (Sigma Chem. Co., USA) ethanol solution, and then fertilizer or trash in Taiwan and other Asian countries. incubated at room temperature for 1 hr. The absorbance Finding a possib 71 ay to increase the utilization of water was measured at 430 nm using a Hitachi U2000 UV-visi-Po-Yuan Chiang. 10% caltrop hulls as a sou 21 of antioxidants is the primary target of this study The objectives of this study were ble spectrophotometer (Hitachi Co., Japan). Total flavonoid contents were calculated using que 3 etin equilibrant (g QE /100 g dry matter) (Sigma Chem. Co., USA) from a to investigate the total phenolics and flavonoids content 38 he water caltrop hulls, and to compare the effect of calibration curve Chiang, P.Y., "Effect ... 6% freeze-drying and hot air-drying on the antioxidant prop-出版物 erties of water caltrop hulls. V. Free-radical Scavenging Ability The scavenging ability of methanolic extracts on MATERIALS AND METHODS 1,1-diphenyl-2-r2rylhydrazyl (DPPH, Sigma Chem. S.-T. Chou. "Antioxida... 2% Co., USA) free radicals was estimated according to the method of Yamaguchi et al. (23). An aliquot of methano-I. Materials lic extracts (50 mg/12), α-tocopherol (vitamin E, Sigma Chem. Co., USA) (50 mg/mL), or but 1 ted hydroxy-Raw water caltrops were obtained from a local etds.ncl.edu.tw 2% toluene (BHT, Sigma Chem. Co., USA) (50 mg/mL) was supplier in Tainan, Taiwan. Fresh caltrop hulls were 網際網路來源 manually removed and separated into three lots. The mixed with a 100 mM Tris-HCl buffer (400 µL, pH 7.4) first lot of fresh caltrop hulls was blended by a domesand then added to 500 µL of 250 mM DPPH in ethanol, tic blender and used as the FS sample. The remaining respectively. The mixture was shaken vigorously and left www.ag.ndsu.edu 1% sample lots were freeze-dried (FD) or hot air-dried (at to stand for 20 min at room temperature in the dark. The 網際網路來源 60°C) (HD) and powdered to obtain a 100 mesh size. The absorbance of the resulting solution was measured at 517 water caltrop hull samples (FS, FD, and HD) were stored nm against an aliquot blank. The scavenging ability was at 4°C until further analysis was carried out. calc: 10 d as follows: 提交至 Higher Education Scavenging ability (%) =  $[(\Delta A_{SI7} \text{ of control} - \Delta A_{SI7}]$ 1% II. Methanolic Extraction of sa 49 e) /  $\Delta A_{517}$  of control] × 100 4 half-inhibition concentration (IC<sub>50</sub>) was calcu-Fifty grams of each treat 1 ent of water caltrop hulls, lated as the antioxidant concentration required for providing 50% of antioxidative activity (24). In other word, including FD, HD, and FS, were extracted by stirring www.texaspecans.org 1% with a magnetic stirrer and 250 mL of methanol at 25°C the lower IC50 values indicated the higher antioxidative 網際網路來源 for 24 hr. The extract was filtered through Whatman No. activity in the methanolic extracts. I filter papers for removal of hull particles. The residue was re-extracted with 250 mL of methanol and filtrated. VI. Chelating Effects on Cupric Ions Mishra, N., "Study on ... 1% The extracts were pooled together and vacuum dried at 出版物 The chelating effect was determined according to the 30°C. The dried extracts were powdered and stored at method of Yang et al (25). Two milliliter of the test solution, -20°C for the analysis of antioxidant activity.  $\blacksquare$ 請開啟純文字報告 純文字報告

## 原創性報告-純文字版本

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