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Jade Li 李麗娟 jade.li@elsevier.com

Jan 13, 2020



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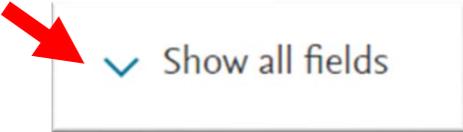
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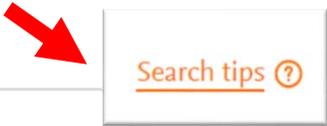
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Sensors and Actuators B: Chemical, 24 August 2018, ...



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Sensors and Actuators B: Chemical

Volume 276, 10 December 2018, Pages 204-210



Electrochemical sensor for determination of
ractopamine based on aptamer/octadecanethiol
Janus particles

文章標題

Ying Zhou ^a, Yajuan Yang ^a, Xu Deng ^d, Guomei Zhang ^a, Yan Zhang ^a, Caihong Zhang ^a, [Shaomin Shuang ^a](#)  ,

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Shaomin Shuang

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School of Chemistry and Chemical Engineering, Shanxi
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Highlights

- Aptamer/octadecanethiol Janus particles have one **hydrophilic** and one hydrophobic side was generated.
- Janus particles-based **electrochemical sensor** was constructed for the first time to detect ractopamine.

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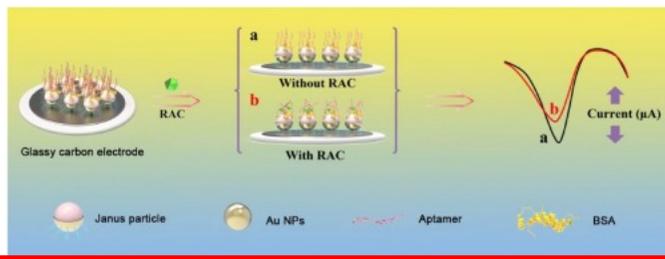
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Hydrophilic

Hydrophilic softening agents based on polyethylene glycol and aminosilicone in nano form are claimed to impart moisture regulation properties to polyester and nylon (Holme, 2007).

From: [Advances in the Dyeing and Finishing of Technical Textiles, 2013](#)

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References

- [1] C. Crescenzi, S. Bayouhd, P.A.G. Cormack, T. Klein, K. Ensing
Determination of clenbuterol in bovine liver by combining matrix solid-phase dispersion and molecularly imprinted solid-phase extraction followed by liquid chromatography/electrospray ion trap multiple-stage mass spectrometry
Anal. Chem., 73 (10) (2001), pp. 2171-2177
[View Record in Scopus](#) [Google Scholar](#)
- [2] Y.L. Xiong, M.J. Gower, C. Li, C.A. Elmore, G.L. Cromwell, M.D. Lindemann
Effect of dietary ractopamine on tenderness and postmortem protein degradation of pork muscle
Meat Sci., 73 (4) (2006), pp. 600-604
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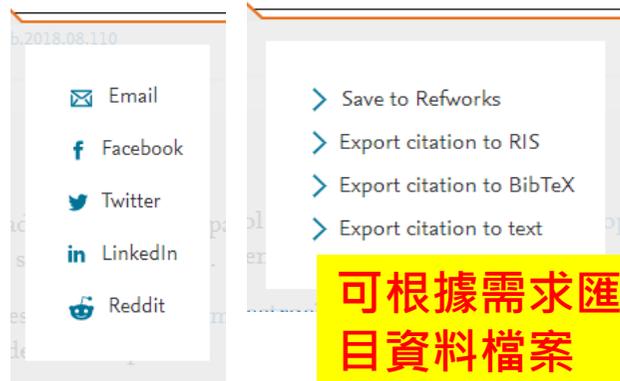
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新知通報(搜尋新知通報)

請先登入

Navigation bar containing a help icon, a library icon, the user name "Jade Li", and a profile icon.

將該搜尋語法設定新知通報, 以獲取相關主題最新文章

Search results page for "Ractopamine" with 1,046 results. The interface includes a search bar, a "Set search alert" button, a "Save search alert" modal, and a "Search alert saved" notification.

Find articles with these terms
Ractopamine

Advanced search

1,046 results

Set search alert

Refine by:

- Subscribed journals

Years

- 2021 (22)
- 2020 (91)
- 2019 (87)

Weekly

Monthly

ELSEVIER

Save search alert

Name of search alert *

Email frequency
Weekly

Please note: This alert will be sent to your registered email address

* Required field

Save

Search alert saved

Your search alert was saved as:
"heart attack"

Close

sorted by relevance | date

people from Parkinson disease

accumulation postmortem

請填入通報名稱

可選擇每星期或每月通知

新知通報(搜尋新知通報)

The screenshot shows the ScienceDirect user interface. On the left, a user profile for Jade Li is visible with options like 'My recommendations', 'My history', 'Manage alerts', 'Change password', and 'Privacy center'. A red box highlights 'Manage alerts' with a red arrow pointing to the 'Alerts' tab in the 'Journal & Book series' search area. Another red arrow points from the search area to a list of search alerts on the right. The alerts list includes 'Ractopamine' (highlighted with a red box), 'rapid', and 'Sarcopenia'. A yellow box at the bottom left contains the text '可於我的檔案查看新知通報'.



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THANK
YOU!

