

Name of the faculty (教員名)	Isao Shitanda
Title of original paper(論文タイトル)	Paper-based lactate biofuel cell array with high power output
Journal name(雑誌名)	Journal of Power Sources
DOI	https://doi.org/10.1016/j.jpowsour.2021.229533
Title of press release(プレスリリースタイトル)	No Batteries? No Sweat! Wearable Biofuel Cells Now Produce Electricity from Lactate
Date of distribution(プレスリリース配信日)	13-Apr-21
PR Strategy	<ul style="list-style-type: none"> •Press release posted on EurekAlert. •Distributed the press release to a select list of publishers & science journalists.
Highlights	<p>The press release was picked up by major media outlets such as The Engineer, WorldHealth.Net , ScienceDaily , Reliable News UK, Electronics360, USA News Wall and several other science news</p> <p>Altmetric score increased from 1 to 154 (refer to slide 8)</p> <p>The research article received considerable attention on social media platforms like Facebook and Twitter by popular accounts like FuelCellsWorks, Tepir Lab, Noel Chandler, etc.</p> <p>The article was translated into Spanish by at least five news portals like Diario de Mallorca, Faro de Vigo, El Dia and others</p> <p>The release was distributed among journalists and online publishers who specialize in battery technology and material sciences.</p>
Coverage Links (As of May 19, 2021)	<p>Total number of coverage: 60</p> <p>https://www.eurekalert.org/pub_releases/2021-04/tuos-nbn041321.php</p> <p>https://www.edufabrica.net/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/</p> <p>https://ecntoday.com/2021/04/29/wearable-biofuel-cells-now-produce-electricity-from-lactate/</p> <p>https://www.electronicsforu.com/news/whats-new/wearable-biofuel-cells-produce-electricity-lactate/</p> <p>https://www.impactlab.com/2021/04/26/wearable-biofuel-cells-could-generate-electricity-from-sweat/</p> <p>https://fuelcellworks.com/news/wearable-biofuel-cells-now-produce-electricity-from-lactate/</p> <p>https://www.inceptivemind.com/wearable-biofuel-cells-produce-electricity-wearers-sweat/1862/</p> <p>https://interestingengineering.com/wearable-biofuel-cells-produce-electricity-from-human-sweat/</p> <p>https://www.techmezzine.com/technology/no-batteries-no-sweat-wearable-biofuel-cells-now-prod-ectricity-lactate-2/</p> <p>https://techstory.in/wearable-biofuel-cell-the-next-big-thing/</p> <p>https://scitechupdates.com/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/</p> <p>https://irishtechnews.ie/wearable-biofuel-cells-now-produce-electricity/</p> <p>https://forum.biohack.me/index.php?p=/discussion/2868/electric-power-from-sweat-scientists-successfully-developed-biofuel-cell</p> <p>https://worldhealth.net/news/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/</p> <p>https://freeneews.live/scientists-made-biofuels-from-human-sweat-to-power-wearable-devices/</p> <p>https://www.smallcapnews.co.uk/portable-biofuel-cells-now-produce-electricity-from-the-lactic-acid-in-sweat/</p> <p>https://sortiwa.com/scientists-develop-biofuel-cells-that-can-power-wearable-electronics-purely-using-human-sweat-sciencedaily/</p> <p>https://www.newscabal.co.uk/biofuel-cells-draw-on-sweat-to-power-wearables/</p> <p>https://www.medical-tradefair.com/en/News/News_from_the_Editors/Wearable_biofuel_cells_produce_electricity_from_sweat/</p> <p>https://www.theengineer.co.uk/biofuel-cells-sweat-lactate-japan/</p> <p>https://knowridge.com/2021/04/wearable-biofuel-cells-could-generate-electricity-from-sweat/</p> <p>https://www.biofueldaily.com/reports/No_batteries_no_sweat_wearable_biofuel_cells_now_produce_electricity_from_lactate_999.html</p> <p>https://www.eletimes.com/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/</p> <p>https://www.businessfast.co.uk/biofuel-cells-draw-on-sweat-to-power-wearables/</p> <p>https://www.techregister.co.uk/biofuel-cells-draw-on-sweat-to-power-wearables/</p> <p>https://www.technology.org/2021/04/14/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/</p> <p>https://www.techmezzine.com/top-10-news/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-lactate/</p>

Coverage Links (As of May 19, 2021)

<https://newspostwall.com/news/health/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-scientists-develop-biofuel-cells-that-can-power-wearable-electronics-purely-by-using-human-sweat/>

<https://veritynewsnow.com/news/health/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-scientists-develop-biofuel-cells-that-can-power-wearable-electronics-purely-by-using-human-sweat/>

<https://technewschronicle.com/scientists-develop-biofuel-cells-that-can-power-wearable-electronics-purely-by-using-human-sweat-sciencedaily/>

<https://todayheadline.co/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/>

<https://www.firstwordmedtech.com/node/1045226>

<https://www.sciencedaily.com/releases/2021/04/210413114055.htm>

<https://www.sciencecodex.com/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-670997>

<https://scienmag.com/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/>

<https://www.ethicaeditor.com/tech/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/>

<https://aboutyourmag.info/2021/04/13/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-about-your-online-magazine/>

<https://en.buradabiliyorum.com/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/>

<https://techxplore.com/news/2021-04-batteries-wearable-biofuel-cells-electricity.html>

<http://ein.icconnect007.com/index.php/article/127167/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/127170/>

<http://flex.icconnect007.com/index.php/article/127167/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/127170/>

<https://medium.com/swlh/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-5e87800c97fc?source=rss-9d30b05789c9-----2>

<https://www.firstwordhealthtech.com/story/5273235>

<https://www.ourindia.com/index.php/2021/04/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/>

<https://nativenewspost.com/news/health/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-scientists-develop-biofuel-cells-that-can-power-wearable-electronics-purely-by-using-human-sweat/>

<https://www.facebook.com/fuelcellworks/posts/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/3797941803667902/>

<https://bulletinobserver.com/2021/04/14/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/>

<https://reliableuk.com/news/health/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-scientists-develop-biofuel-cells-that-can-power-wearable-electronics-purely-by-using-human-sweat/>

<https://publicnews.in/health/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-scientists-develop-biofuel-cells-that-can-power-wearable-electronics-purely-by-using-human-sweat/>

<https://usanewswall.com/news/health/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-scientists-develop-biofuel-cells-that-can-power-wearable-electronics-purely-by-using-human-sweat/>

<https://in.pinterest.com/pin/68891069292073913/>

https://tekupdate.me/news/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/?utm_source=rss&utm_medium=rss&utm_campaign=no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate

<https://laptrinhx.com/news/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-xPeQLWO/>

<https://actiworld.com/2021/04/13/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/>

<https://techandsciencepost.com/news/tech/smartphones/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/>

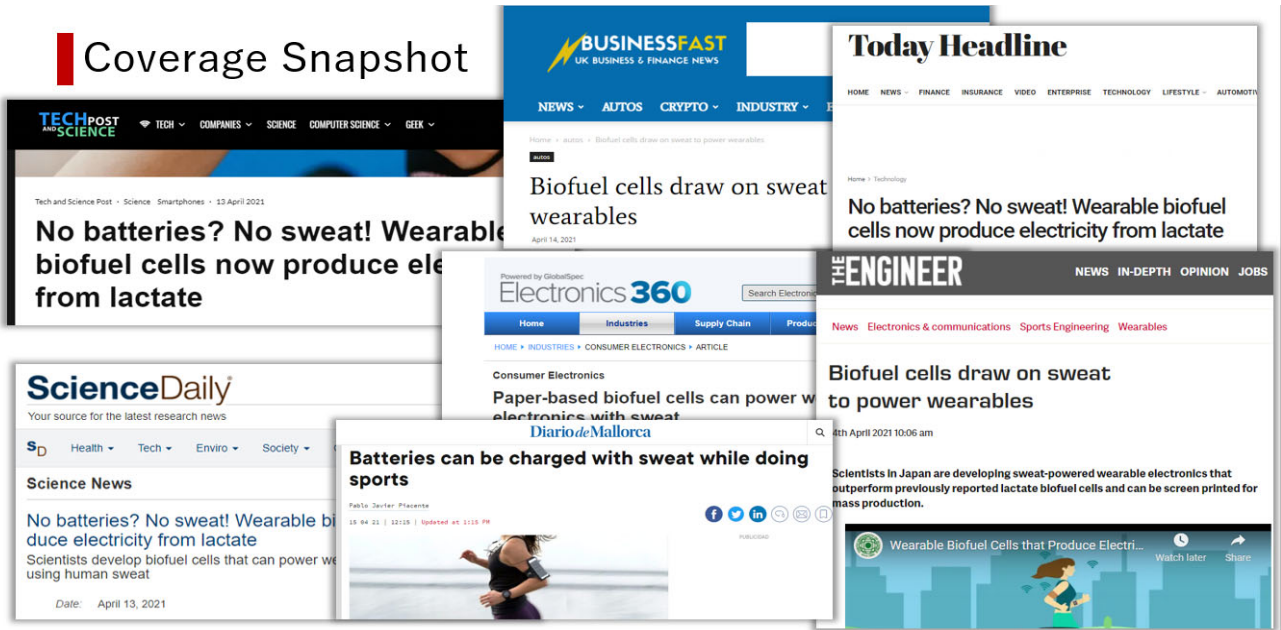
<https://www.enggtalks.com/news/155304/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate/>

<https://honestcolumnist.com/health/no-batteries-no-sweat-wearable-biofuel-cells-now-produce-electricity-from-lactate-scientists-develop-biofuel-cells-that-can-power-wearable-electronics-purely-by-using-human-sweat/>

Coverage Links (As of May 19, 2021)

https://gceburgur.ac.in/aggregator/sources/1?page=1&5eec_name=c6&6d51_name=1b&467d_n db&4306_name=6e
<https://twitter.com/noelchandler/status/1385590565224517633>
<https://tectales.com/wearables-sensors/wearable-biofuel-cells-produce-electricity-from-lactate>
<https://www.diariodemallorca.es/tendencias21/2021/04/15/baterias-cargar-sudor-deporte-48388600.html>
<https://www.farodevigo.es/tendencias21/2021/04/15/baterias-cargar-sudor-deporte-48388604.f>
<https://www.eldia.es/tendencias21/2021/04/15/baterias-cargar-sudor-deporte-48388606.html>
<https://twitter.com/eneesozz/status/1382430575483625490>
https://twitter.com/_aydinmali/status/1382510808903651331
<https://twitter.com/fhsaidc/status/1382430733675982862>
<https://twitter.com/lShitanda/status/1355666086759284741>

Coverage Snapshot



Altmetric Attention Score
(As of May 19, 2021)

Altmetric score has increased from 1 to 154 after distributing the press release.

Altmetric Score on 14th April [1]
↓ ↓ ↓
Altmetric Score on 19th May [154]

Link to Altmetric Score: <https://www.altmetric.com/details/99126841>

Note: Altmetric is a system that tracks how many people from academia & public sphere, have been exposed to and engaged with online scholarly outputs.