

Name of the faculty (教員名)	Dr. Isao Shitanda
Title of original paper(論文タイトル)	Continuous sweat lactate monitoring system with integrated screen-printed MgO-templated carbon-lactate oxidase biosensor and microfluidic sweat collector
Journal name(雑誌名)	Electrochimica Acta
DOI	https://doi.org/10.1016/j.electacta.2020.137620
Title of press release(プレスリリースタイトル)	Do Sweat It! Wearable Microfluidic Sensor to Measure Lactate Concentration in Real Time
Date of distribution(プレスリリース配信日)	17-Feb-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 Techxplore, Medica, News Medical, Slash Gear, Science Daily, AzoSensors, Wearable Technology Insights and several other Science News Dailies.</p> <p>The release was mentioned by the news portal, Slash Gear, which is visited by 1,093,230 users every month. It drives quality number of shares for the press release across its social media pages, further boosting the attention gained by the research paper.</p> <p>This news release on social media was mentioned by ACS Sensors on their Twitter handle. Their handle has a base of 2,234 followers.</p> <p>Altmetric score increased from 1 to 49 (refer to slide 6).</p>
Coverage Links (As on March 15, 2021)	<p>Total number of coverages: 22</p> <p>https://www.eurekalert.org/pub_releases/2021-02/tuos-dsi021721.php</p> <p>https://www.slashgear.com/a-new-microfluidic-sensor-measures-lactate-concentration-during-exercise-19660218/</p> <p>https://www.medica-tradefair.com/en/News/News_from_the_Editors/Wearable_microfluidic_sensor_to_measure_lactate_concentration_in_real_time</p> <p>https://qswownews.com/wearable-microfluidic-sensor-to-measure-lactate-concentration-in-real-time/</p> <p>https://www.azosensors.com/news.aspx?newsID=14365</p> <p>https://www.wearabletechnologyinsights.com/articles/23128/microfluidic-sensor-to-measure-lactate-concentration-in-real-time?rsst2id=0</p> <p>https://www.idtechex.com/en/research-article/microfluidic-sensor-to-measure-lactate-concentration-in-real-time/23128</p> <p>https://www.news-medical.net/news/20210218/Wearable-chemical-sensor-can-measure-the-concentration-of-lactate-in-sweat.aspx</p> <p>http://technology.indiaeveryday.com/fullnews-do-sweat-it-wearable-microfluidic-sensor-to-measure-1364-6776782.htm</p> <p>https://www.sciencedaily.com/releases/2021/02/210217151031.htm</p> <p>https://www.ethicaleditor.com/tech/wearable-microfluidic-sensor-to-measure-lactate-concentration-in-real-time/</p> <p>https://www.firstwordmedtech.com/node/1043270</p> <p>https://techxplore.com/news/2021-02-wearable-microfluidic-sensor-lactate-real.html</p> <p>http://7thspace.com/headlines/1460230/do_sweat_it_wearable_microfluidic_sensor_to_measure_lactate_concentration_in_real_time.html</p> <p>https://tokyodailynews.com/do-sweat-it-wearable-microfluidic-sensor-to-measure-lactate-concentration-in-real-time/</p> <p>https://scienmag.com/do-sweat-it-wearable-microfluidic-sensor-to-measure-lactate-concentration-in-real-time/</p> <p>https://www.brightsurf.com/news/article/021721532114/do-sweat-it-wearable-microfluidic-sensor-to-measure-lactate-concentration-in-real-time.html</p> <p>https://medium.com/swlh/do-sweat-it-wearable-microfluidic-sensor-to-measure-lactate-concentration-in-real-time-51b1f3e871b7?source=rss-9d30b05789c9-----2</p> <p>https://www.technology.org/2021/02/17/do-sweat-it-wearable-microfluidic-sensor-to-measure-lactate-concentration-in-real-time/</p> <p>https://www.aichc.org/do-sweat-it-wearable-microfluidic-sensor-to-measure-lactate-concentration-in-real-time/</p> <p>https://tectaless.com/wearables-sensors/microfluidic-sensor-rapidly-measures-lactate-concentration.html</p> <p>https://twitter.com/ACS_Sensors/status/1364259362504638464</p>

Coverage Snapshot



Altmetric Attention Score

Altmetric score has increased from 1 to 49 after distributing the press release.

Altmetric Score on 17th Feb 2021 [1]

↓ ↓ ↓

Altmetric Score on 15th March 2021 [49]

Link to Altmetric Score: <https://www.altmetric.com/details/95698814>

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