

Hnin Yin Yin Nyein

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5120729/hnin-yin-yin-nye-in-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

5,337
citations

19
h-index

21
g-index

21
ext. papers

6,610
ext. citations

16.8
avg, IF

5.87
L-index

#	Paper	IF	Citations
21	Fully integrated wearable sensor arrays for multiplexed in situ perspiration analysis. <i>Nature</i> , 2016 , 529, 509-514	50.4	2526
20	Wearable sweat sensors. <i>Nature Electronics</i> , 2018 , 1, 160-171	28.4	588
19	Autonomous sweat extraction and analysis applied to cystic fibrosis and glucose monitoring using a fully integrated wearable platform. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 4625-4630	11.5	404
18	A Wearable Electrochemical Platform for Noninvasive Simultaneous Monitoring of Ca(2+) and pH. <i>ACS Nano</i> , 2016 , 10, 7216-24	16.7	324
17	Wearable Microsensor Array for Multiplexed Heavy Metal Monitoring of Body Fluids. <i>ACS Sensors</i> , 2016 , 1, 866-874	9.2	216
16	A Wearable Microfluidic Sensing Patch for Dynamic Sweat Secretion Analysis. <i>ACS Sensors</i> , 2018 , 3, 944-952	9.2	183
15	Roll-to-Roll Gravure Printed Electrochemical Sensors for Wearable and Medical Devices. <i>ACS Nano</i> , 2018 , 12, 6978-6987	16.7	163
14	Methylxanthine Drug Monitoring with Wearable Sweat Sensors. <i>Advanced Materials</i> , 2018 , 30, e170744224	16.7	159
13	Regional and correlative sweat analysis using high-throughput microfluidic sensing patches toward decoding sweat. <i>Science Advances</i> , 2019 , 5, eaaw9906	14.3	143
12	Flexible Electrochemical Bioelectronics: The Rise of In Situ Bioanalysis. <i>Advanced Materials</i> , 2020 , 32, e1902083	24	128
11	A Fully Integrated and Self-Powered Smartwatch for Continuous Sweat Glucose Monitoring. <i>ACS Sensors</i> , 2019 , 4, 1925-1933	9.2	91
10	Wearable Sweat Band for Noninvasive Levodopa Monitoring. <i>Nano Letters</i> , 2019 , 19, 6346-6351	11.5	73
9	Porous Enzymatic Membrane for Nanotextured Glucose Sweat Sensors with High Stability toward Reliable Noninvasive Health Monitoring. <i>Advanced Functional Materials</i> , 2019 , 29, 1902521	15.6	71
8	3D Printed "Earable" Smart Devices for Real-Time Detection of Core Body Temperature. <i>ACS Sensors</i> , 2017 , 2, 990-997	9.2	69
7	A wearable patch for continuous analysis of thermoregulatory sweat at rest. <i>Nature Communications</i> , 2021 , 12, 1823	17.4	57
6	Glove-based sensors for multimodal monitoring of natural sweat. <i>Science Advances</i> , 2020 , 6, eabb8308	14.3	40
5	A Wearable Nutrition Tracker. <i>Advanced Materials</i> , 2021 , 33, e2006444	24	31

4	A multi-modal sweat sensing patch for cross-verification of sweat rate, total ionic charge, and Na concentration. <i>Lab on A Chip</i> , 2019 , 19, 3179-3189	7.2	28
3	Nicotine Monitoring with a Wearable Sweat Band. <i>ACS Sensors</i> , 2020 , 5, 1831-1837	9.2	27
2	Wearable sweat biosensors 2016 ,		12
1	Flexible Electronics: Flexible Electrochemical Bioelectronics: The Rise of In Situ Bioanalysis (Adv. Mater. 15/2020). <i>Advanced Materials</i> , 2020 , 32, 2070115	24	4