

Hnin Yin Yin Nyein

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5120729/hnin-yin-yin-nye-in-publications-by-year.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	A wearable patch for continuous analysis of thermoregulatory sweat at rest. <i>Nature Communications</i> , 2021 , 12, 1823	17.4	57
20	A Wearable Nutrition Tracker. <i>Advanced Materials</i> , 2021 , 33, e2006444	24	31
19	Nicotine Monitoring with a Wearable Sweat Band. <i>ACS Sensors</i> , 2020 , 5, 1831-1837	9.2	27
18	Glove-based sensors for multimodal monitoring of natural sweat. <i>Science Advances</i> , 2020 , 6, eabb8308	14.3	40
17	Flexible Electrochemical Bioelectronics: The Rise of In Situ Bioanalysis. <i>Advanced Materials</i> , 2020 , 32, e1902083	24	128
16	Flexible Electronics: Flexible Electrochemical Bioelectronics: The Rise of In Situ Bioanalysis (Adv. Mater. 15/2020). <i>Advanced Materials</i> , 2020 , 32, 2070115	24	4
15	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
14	Wearable Sweat Band for Noninvasive Levodopa Monitoring. <i>Nano Letters</i> , 2019 , 19, 6346-6351	11.5	73
13	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
12	Regional and correlative sweat analysis using high-throughput microfluidic sensing patches toward decoding sweat. <i>Science Advances</i> , 2019 , 5, eaaw9906	14.3	143
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 sensors. <i>Nature Electronics</i> , 2018 , 1, 160-171	28.4	588
9	Methylxanthine Drug Monitoring with Wearable Sweat Sensors. <i>Advanced Materials</i> , 2018 , 30, e170744224	15.9	159
8	A Wearable Microfluidic Sensing Patch for Dynamic Sweat Secretion Analysis. <i>ACS Sensors</i> , 2018 , 3, 944-952	9.2	183
7	Roll-to-Roll Gravure Printed Electrochemical Sensors for Wearable and Medical Devices. <i>ACS Nano</i> , 2018 , 12, 6978-6987	16.7	163
6	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
5	3D Printed "Earable" Smart Devices for Real-Time Detection of Core Body Temperature. <i>ACS Sensors</i> , 2017 , 2, 990-997	9.2	69

4	Fully integrated wearable sensor arrays for multiplexed in situ perspiration analysis. <i>Nature</i> , 2016 , 529, 509-514	50.4	2526
3	A Wearable Electrochemical Platform for Noninvasive Simultaneous Monitoring of Ca(2+) and pH. <i>ACS Nano</i> , 2016 , 10, 7216-24	16.7	324
2	Wearable sweat biosensors 2016 ,		12
1	Wearable Microsensor Array for Multiplexed Heavy Metal Monitoring of Body Fluids. <i>ACS Sensors</i> , 2016 , 1, 866-874	9.2	216