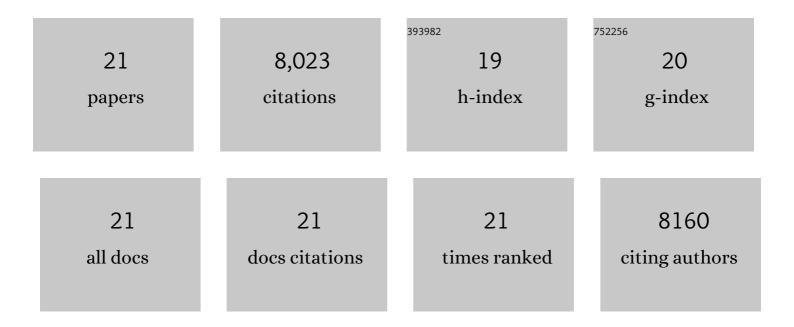
Hnin Yin Yin Nyein

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5120729/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Fully integrated wearable sensor arrays for multiplexed in situ perspiration analysis. Nature, 2016, 529, 509-514.	13.7	3,508
2	Wearable sweat sensors. Nature Electronics, 2018, 1, 160-171.	13.1	947
3	Autonomous sweat extraction and analysis applied to cystic fibrosis and glucose monitoring using a fully integrated wearable platform. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4625-4630.	3.3	573
4	A Wearable Electrochemical Platform for Noninvasive Simultaneous Monitoring of Ca ²⁺ and pH. ACS Nano, 2016, 10, 7216-7224.	7.3	480
5	Wearable Microsensor Array for Multiplexed Heavy Metal Monitoring of Body Fluids. ACS Sensors, 2016, 1, 866-874.	4.0	297
6	A Wearable Microfluidic Sensing Patch for Dynamic Sweat Secretion Analysis. ACS Sensors, 2018, 3, 944-952.	4.0	285
7	Roll-to-Roll Gravure Printed Electrochemical Sensors for Wearable and Medical Devices. ACS Nano, 2018, 12, 6978-6987.	7.3	275
8	Regional and correlative sweat analysis using high-throughput microfluidic sensing patches toward decoding sweat. Science Advances, 2019, 5, eaaw9906.	4.7	234
9	Methylxanthine Drug Monitoring with Wearable Sweat Sensors. Advanced Materials, 2018, 30, e1707442.	11.1	226
10	Flexible Electrochemical Bioelectronics: The Rise of In Situ Bioanalysis. Advanced Materials, 2020, 32, e1902083.	11.1	200
11	A Fully Integrated and Self-Powered Smartwatch for Continuous Sweat Glucose Monitoring. ACS Sensors, 2019, 4, 1925-1933.	4.0	184
12	A wearable patch for continuous analysis of thermoregulatory sweat at rest. Nature Communications, 2021, 12, 1823.	5.8	181
13	Wearable Sweat Band for Noninvasive Levodopa Monitoring. Nano Letters, 2019, 19, 6346-6351.	4.5	121
14	Porous Enzymatic Membrane for Nanotextured Glucose Sweat Sensors with High Stability toward Reliable Noninvasive Health Monitoring. Advanced Functional Materials, 2019, 29, 1902521.	7.8	120
15	3D Printed "Earable―Smart Devices for Real-Time Detection of Core Body Temperature. ACS Sensors, 2017, 2, 990-997.	4.0	105
16	Glove-based sensors for multimodal monitoring of natural sweat. Science Advances, 2020, 6, eabb8308.	4.7	86
17	A Wearable Nutrition Tracker. Advanced Materials, 2021, 33, e2006444.	11.1	70
18	A multi-modal sweat sensing patch for cross-verification of sweat rate, total ionic charge, and Na ⁺ concentration. Lab on A Chip, 2019, 19, 3179-3189.	3.1	56

#	Article	IF	CITATIONS
19	Nicotine Monitoring with a Wearable Sweat Band. ACS Sensors, 2020, 5, 1831-1837.	4.0	48
20	Wearable sweat biosensors. , 2016, , .		20

Flexible Electronics: Flexible Electrochemical Bioelectronics: The Rise of In Situ Bioanalysis (Adv.) Tj ETQq1 1 0.784314 rgBT /Qverlock