

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

21
papers

8,023
citations

393982

19
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

8160
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully integrated wearable sensor arrays for multiplexed in situ perspiration analysis. <i>Nature</i> , 2016, 529, 509-514.	13.7	3,508
2	Wearable sweat sensors. <i>Nature Electronics</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4625-4630.	3.3	573
4	A Wearable Electrochemical Platform for Noninvasive Simultaneous Monitoring of Ca ²⁺ and pH. <i>ACS Nano</i> , 2016, 10, 7216-7224.	7.3	480
5	Wearable Microsensor Array for Multiplexed Heavy Metal Monitoring of Body Fluids. <i>ACS Sensors</i> , 2016, 1, 866-874.	4.0	297
6	A Wearable Microfluidic Sensing Patch for Dynamic Sweat Secretion Analysis. <i>ACS Sensors</i> , 2018, 3, 944-952.	4.0	285
7	Roll-to-Roll Gravure Printed Electrochemical Sensors for Wearable and Medical Devices. <i>ACS Nano</i> , 2018, 12, 6978-6987.	7.3	275
8	Regional and correlative sweat analysis using high-throughput microfluidic sensing patches toward decoding sweat. <i>Science Advances</i> , 2019, 5, eaaw9906.	4.7	234
9	Methylxanthine Drug Monitoring with Wearable Sweat Sensors. <i>Advanced Materials</i> , 2018, 30, e1707442.	11.1	226
10	Flexible Electrochemical Bioelectronics: The Rise of In Situ Bioanalysis. <i>Advanced Materials</i> , 2020, 32, e1902083.	11.1	200
11	A Fully Integrated and Self-Powered Smartwatch for Continuous Sweat Glucose Monitoring. <i>ACS Sensors</i> , 2019, 4, 1925-1933.	4.0	184
12	A wearable patch for continuous analysis of thermoregulatory sweat at rest. <i>Nature Communications</i> , 2021, 12, 1823.	5.8	181
13	Wearable Sweat Band for Noninvasive Levodopa Monitoring. <i>Nano Letters</i> , 2019, 19, 6346-6351.	4.5	121
14	Porous Enzymatic Membrane for Nanotextured Glucose Sweat Sensors with High Stability toward Reliable Noninvasive Health Monitoring. <i>Advanced Functional Materials</i> , 2019, 29, 1902521.	7.8	120
15	3D Printed "Eearable" Smart Devices for Real-Time Detection of Core Body Temperature. <i>ACS Sensors</i> , 2017, 2, 990-997.	4.0	105
16	Glove-based sensors for multimodal monitoring of natural sweat. <i>Science Advances</i> , 2020, 6, eabb8308.	4.7	86
17	A Wearable Nutrition Tracker. <i>Advanced Materials</i> , 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. <i>Lab on A Chip</i> , 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
21	Flexible Electronics: Flexible Electrochemical Bioelectronics: The Rise of In Situ Bioanalysis (Adv.) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	11.1	7