Mallika Bariya

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4031752/publications.pdf

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19	3,022	516215 16	839053 18
papers	citations	h-index	g-index

19	19	19	3063
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wearable sweat sensors. Nature Electronics, 2018, 1, 160-171.	13.1	947
2	A Wearable Microfluidic Sensing Patch for Dynamic Sweat Secretion Analysis. ACS Sensors, 2018, 3, 944-952.	4.0	285
3	Roll-to-Roll Gravure Printed Electrochemical Sensors for Wearable and Medical Devices. ACS Nano, 2018, 12, 6978-6987.	7.3	275
4	Regional and correlative sweat analysis using high-throughput microfluidic sensing patches toward decoding sweat. Science Advances, 2019, 5, eaaw9906.	4.7	234
5	Methylxanthine Drug Monitoring with Wearable Sweat Sensors. Advanced Materials, 2018, 30, e1707442.	11.1	226
6	A Fully Integrated and Self-Powered Smartwatch for Continuous Sweat Glucose Monitoring. ACS Sensors, 2019, 4, 1925-1933.	4.0	184
7	A wearable patch for continuous analysis of thermoregulatory sweat at rest. Nature Communications, 2021, 12, 1823.	5.8	181
8	Wearable Sweat Band for Noninvasive Levodopa Monitoring. Nano Letters, 2019, 19, 6346-6351.	4.5	121
9	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
10	Glove-based sensors for multimodal monitoring of natural sweat. Science Advances, 2020, 6, eabb8308.	4.7	86
11	Traceâ€Level, Multiâ€Gas Detection for Food Quality Assessment Based on Decorated Silicon Transistor Arrays. Advanced Materials, 2020, 32, e1908385.	11.1	77
12	A Wearable Nutrition Tracker. Advanced Materials, 2021, 33, e2006444.	11.1	70
13	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
14	Wearable Biosensors for Body Computing. Advanced Functional Materials, 2021, 31, 2008087.	7.8	56
15	Nicotine Monitoring with a Wearable Sweat Band. ACS Sensors, 2020, 5, 1831-1837.	4.0	48
16	Resettable Microfluidics for Broad-Range and Prolonged Sweat Rate Sensing. ACS Sensors, 2022, 7, 1156-1164.	4.0	23
17	Wearable sweat biosensors. , 2016, , .		20
18	Wearable Biosensors for Body Computing (Adv. Funct. Mater. 39/2021). Advanced Functional Materials, 2021, 31, 2170290.	7.8	8

#	Article	IF	Citations
19	Analysis of â€œDose Accuracy, Injection Force, and Usability Assessment of a New Half-Unit, Prefilled Insulin Penâ€• Journal of Diabetes Science and Technology, 2018, 12, 373-375.	1.3	5