

Haisong Lin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

885
citations

623734

14
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable aptamer-field-effect transistor sensing system for noninvasive cortisol monitoring. <i>Science Advances</i> , 2022, 8, eabk0967.	10.3	118
2	A touch-based multimodal and cryptographic bio-human-machine interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2201937119.	7.1	11
3	Harnessing the wide-range strain sensitivity of bilayered PEDOT:PSS films for wearable health monitoring. <i>Matter</i> , 2021, 4, 2886-2901.	10.0	59
4	Design Framework and Sensing System for Noninvasive Wearable Electroactive Drug Monitoring. <i>ACS Sensors</i> , 2020, 5, 265-273.	7.8	28
5	A Mediator-Free Electroenzymatic Sensing Methodology to Mitigate Ionic and Electroactive Interferents' Effects for Reliable Wearable Metabolite and Nutrient Monitoring. <i>Advanced Functional Materials</i> , 2020, 30, 1908507.	14.9	36
6	Natural Perspiration Sampling and in Situ Electrochemical Analysis with Hydrogel Micropatches for User-Identifiable and Wireless Chemo/Biosensing. <i>ACS Sensors</i> , 2020, 5, 93-102.	7.8	69
7	Hydrogel-Enabled Transfer Printing of Conducting Polymer Films for Soft Organic Bioelectronics. <i>Advanced Functional Materials</i> , 2020, 30, 1906016.	14.9	55
8	An autonomous wearable system for diurnal sweat biomarker data acquisition. <i>Lab on A Chip</i> , 2020, 20, 4582-4591.	6.0	26
9	Noninvasive wearable electroactive pharmaceutical monitoring for personalized therapeutics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19017-19025.	7.1	71
10	An Adhesive and Corrosion-Resistant Biomarker Sensing Film for Biosmart Wearable Consumer Electronics. <i>Journal of Microelectromechanical Systems</i> , 2020, 29, 1112-1114.	2.5	2
11	A Stimuli-Responsive Hydrogel Array Fabrication Scheme for Large-Scale and Wearable Microfluidic Valving. <i>Journal of Microelectromechanical Systems</i> , 2020, 29, 1115-1117.	2.5	0
12	A programmable epidermal microfluidic valving system for wearable biofluid management and contextual biomarker analysis. <i>Nature Communications</i> , 2020, 11, 4405.	12.8	92
13	An Autonomous Diurnal Sweat Sampling Patch for Biomarker Data Analytics. <i>Journal of Microelectromechanical Systems</i> , 2020, 29, 1106-1108.	2.5	1
14	A wearable freestanding electrochemical sensing system. <i>Science Advances</i> , 2020, 6, eaaz0007.	10.3	87
15	Electroenzymatic Sensors: A Mediator-Free Electroenzymatic Sensing Methodology to Mitigate Ionic and Electroactive Interferents' Effects for Reliable Wearable Metabolite and Nutrient Monitoring (<i>Adv. Funct. Mater.</i> 10/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070066.	14.9	0
16	Hydrogel-Enabled Transfer Printing: Hydrogel-Enabled Transfer Printing of Conducting Polymer Films for Soft Organic Bioelectronics (<i>Adv. Funct. Mater.</i> 6/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070038.	14.9	2
17	A ferrobatic system for automated microfluidic logistics. <i>Science Robotics</i> , 2020, 5, .	17.6	58
18	A rapid and low-cost fabrication and integration scheme to render 3D microfluidic architectures for wearable biofluid sampling, manipulation, and sensing. <i>Lab on A Chip</i> , 2019, 19, 2844-2853.	6.0	37

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19	A wearable electrofluidic actuation system. Lab on A Chip, 2019, 19, 2966-2972.	6.0	15
20	A 3D-printed microfluidic-enabled hollow microneedle architecture for transdermal drug delivery. Biomicrofluidics, 2019, 13, 064125.	2.4	118