

Xuecheng He

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

613
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible microfluidic nanoplasmonic sensors for refreshable and portable recognition of sweat biochemical fingerprint. <i>Npj Flexible Electronics</i> , 2022, 6, .	10.7	40
2	Flexible, self-healable, adhesive and wearable hydrogel patch for colorimetric sweat detection. <i>Journal of Materials Chemistry C</i> , 2021, 9, 14938-14945.	5.5	65
3	Biospired Janus Silk E-Textiles with Wetâ€™Thermal Comfort for Highly Efficient Biofluid Monitoring. <i>Nano Letters</i> , 2021, 21, 8880-8887.	9.1	71
4	Smartphone-based tape sensors for multiplexed rapid urinalysis. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127415.	7.8	37
5	Integrated Wound Recognition in Bandages for Intelligent Treatment. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000941.	7.6	20
6	Droplet array for open-channel high-throughput SERS biosensing. <i>Talanta</i> , 2020, 218, 121206.	5.5	15
7	Integrated Smart Janus Textile Bands for Self-Pumping Sweat Sampling and Analysis. <i>ACS Sensors</i> , 2020, 5, 1548-1554.	7.8	120
8	Microdroplet-captured tapes for rapid sampling and SERS detection of food contaminants. <i>Biosensors and Bioelectronics</i> , 2020, 152, 112013.	10.1	50
9	Flexible and Superwetable Bands as a Platform toward Sweat Sampling and Sensing. <i>Analytical Chemistry</i> , 2019, 91, 4296-4300.	6.5	136
10	Flexible Superwetable Tapes for On-Site Detection of Heavy Metals. <i>Analytical Chemistry</i> , 2018, 90, 14105-14110.	6.5	59