

Yiheng Qin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,025
citations

687363

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940533

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docs citations

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times ranked

1470
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical sensing of acetaminophen using multi-walled carbon nanotube and β -cyclodextrin. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 896-909.	7.8	154
2	Microfabricated electrochemical pH and free chlorine sensors for water quality monitoring: recent advances and research challenges. <i>RSC Advances</i> , 2015, 5, 69086-69109.	3.6	144
3	Polymer integration for packaging of implantable sensors. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 758-778.	7.8	136
4	Polymers and organic materials-based pH sensors for healthcare applications. <i>Progress in Materials Science</i> , 2018, 96, 174-216.	32.8	122
5	Inkjet Printing of a Highly Loaded Palladium Ink for Integrated, Low-Cost pH Sensors. <i>Advanced Functional Materials</i> , 2016, 26, 4923-4933.	14.9	76
6	Integrated water quality monitoring system with pH, free chlorine, and temperature sensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 781-790.	7.8	72
7	Tailoring MWCNTs and β -Cyclodextrin for Sensitive Detection of Acetaminophen and Estrogen. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21411-21427.	8.0	66
8	Inkjet-printed bifunctional carbon nanotubes for pH sensing. <i>Materials Letters</i> , 2016, 176, 68-70.	2.6	58
9	Ultrafast Transfer of Metal-Enhanced Carbon Nanotubes at Low Temperature for Large-Scale Electronics Assembly. <i>Advanced Materials</i> , 2010, 22, 5039-5042.	21.0	48
10	Open-Source Low-Cost Wireless Potentiometric Instrument for pH Determination Experiments. <i>Journal of Chemical Education</i> , 2018, 95, 326-330.	2.3	45
11	Paper-Based, Hand-Drawn Free Chlorine Sensor with Poly(3,4-ethylenedioxythiophene):Poly(styrenesulfonate). <i>Analytical Chemistry</i> , 2016, 88, 10384-10389.	6.5	25
12	Organic Thin-Film Transistors with Anodized Gate Dielectric Patterned by Self-Aligned Embossing on Flexible Substrates. <i>Advanced Functional Materials</i> , 2012, 22, 1209-1214.	14.9	24
13	Low-temperature solution processing of palladium/palladium oxide films and their pH sensing performance. <i>Talanta</i> , 2016, 146, 517-524.	5.5	23
14	Direct bonding of liquid crystal polymer to glass. <i>RSC Advances</i> , 2016, 6, 107200-107207.	3.6	13
15	Low-Temperature Bonding for Silicon-Based Micro-Optical Systems. <i>Photonics</i> , 2015, 2, 1164-1201.	2.0	12
16	Morphology and electrical properties of inkjet-printed palladium/palladium oxide. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1893-1902.	5.5	7