

Xingyu Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4880012/publications.pdf>

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8
papers

141
citations

1477746
6
h-index

1588620
8
g-index

8
all docs

8
docs citations

8
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplexed colorimetric detection of SARS-CoV-2 and other pathogens in wastewater on a 3D printed integrated microfluidic chip. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130242.	4.0	51
2	Forward-Looking Roadmaps for Long-Term Continuous Water Quality Monitoring: Bottlenecks, Innovations, and Prospects in a Critical Review. <i>Environmental Science & Technology</i> , 2022, 56, 5334-5354.	4.6	26
3	Real-time in situ auto-correction of K ⁺ interference for continuous and long-term NH ₄ ⁺ monitoring in wastewater using solid-state ion selective membrane (S-ISM) sensor assembly. <i>Environmental Research</i> , 2020, 189, 109891.	3.7	14
4	Enhancing the Understanding of Soil Nitrogen Fate Using a 3D-Electrospray Sensor Roll Casted with a Thin-Layer Hydrogel. <i>Environmental Science & Technology</i> , 2022, 56, 4905-4914.	4.6	14
5	Solving Sensor Reading Drifting Using Denoising Data Processing Algorithm (DDPA) for Long-Term Continuous and Accurate Monitoring of Ammonium in Wastewater. <i>ACS ES&T Water</i> , 2021, 1, 530-541.	2.3	12
6	One-Step Solution-Immersion Process of Hydrophobic Octyl Graphene Oxide-Modified Nickel Foam for Highly Efficient Oil-Water Separation. <i>ACS Omega</i> , 2020, 5, 766-771.	1.6	9
7	Electrospraying Zwitterionic Copolymers as an Effective Biofouling Control for Accurate and Continuous Monitoring of Wastewater Dynamics in a Real-Time and Long-Term Manner. <i>Environmental Science & Technology</i> , 2022, 56, 8176-8186.	4.6	9
8	Citizen Science and the Sustainable Development Goals: Building Social and Technical Capacity through Data Collection in the Upper Blue Nile Basin, Ethiopia. <i>Sustainability</i> , 2022, 14, 3647.	1.6	6