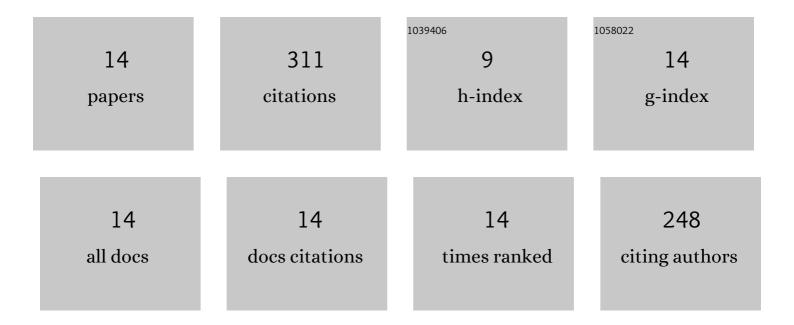
## Joseph W Lowdon

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5354745/publications.pdf Version: 2024-02-01



LOSEDH WILOWDON

#	Article	IF	CITATIONS
1	Modular Science Kit as a support platform for STEM learning in primary and secondary school. Journal of Chemical Education, 2021, 98, 439-444.	1.1	6
2	Colorimetric Sensing of Amoxicillin Facilitated by Molecularly Imprinted Polymers. Polymers, 2021, 13, 2221.	2.0	15
3	Identifying Potential Machine Learning Algorithms for the Simulation of Binding Affinities to Molecularly Imprinted Polymers. Computation, 2021, 9, 103.	1.0	6
4	Biomimetic sensing of Escherichia coli at the solid-liquid interface: From surface-imprinted polymer synthesis toward real sample sensing in food safety. Microchemical Journal, 2021, 169, 106554.	2.3	25
5	Thermal Detection of Glucose in Urine Using a Molecularly Imprinted Polymer as a Recognition Element. ACS Sensors, 2021, 6, 4515-4525.	4.0	26
6	MIPs for commercial application in low-cost sensors and assays – An overview of the current status quo. Sensors and Actuators B: Chemical, 2020, 325, 128973.	4.0	130
7	A Molecularly Imprinted Polymer-based Dye Displacement Assay for the Rapid Visual Detection of Amphetamine in Urine. Molecules, 2020, 25, 5222.	1.7	14
8	Rapid Colorimetric Screening of Elevated Phosphate in Urine: A Charge-Transfer Interaction. ACS Omega, 2020, 5, 21054-21066.	1.6	6
9	The Liberalization of Microfluidics: Form 2 Benchtop 3D Printing as an Affordable Alternative to Established Manufacturing Methods. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900935.	0.8	15
10	Surface grafted molecularly imprinted polymeric receptor layers for thermal detection of the New Psychoactive substance 2-methoxphenidine. Sensors and Actuators A: Physical, 2019, 295, 586-595.	2.0	24
11	Studying the Effect of Adhesive Layer Composition on MIPâ€Based Thermal Biosensing. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800941.	0.8	5
12	Biomimetic Bacterial Identification Platform Based on Thermal Transport Analysis Through Surface Imprinted Polymers: From Proof of Principle to Proof of Application. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800688.	0.8	5
13	Substrate displacement colorimetry for the detection of diarylethylamines. Sensors and Actuators B: Chemical, 2019, 282, 137-144.	4.0	19
14	A Novel Biomimetic Tool for Assessing Vitamin K Status Based on Molecularly Imprinted Polymers. Nutrients, 2018, 10, 751.	1.7	15