

Iyll-Joon Doh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3354927/publications.pdf>

Version: 2024-02-01

11
papers

144
citations

1478505

6
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Smartphone-Integrated Reflective Scatterometer for Bacterial Identification. Sensors, 2022, 22, 2646.	3.8	1
2	Optical multi-channel interrogation instrument for bacterial colony characterization. PLoS ONE, 2021, 16, e0247721.	2.5	2
3	Design and Validation of a Portable Machine Learning-Based Electronic Nose. Sensors, 2021, 21, 3923.	3.8	18
4	Detection of E. coli labeled with metal-conjugated antibodies using lateral-flow assay and laser-induced breakdown spectroscopy. Analytical and Bioanalytical Chemistry, 2020, 412, 1291-1301.	3.7	13
5	Design and application of a portable luminometer for bioluminescence detection. Applied Optics, 2020, 59, 801.	1.8	18
6	Generalized spectral light scatter models of diverse bacterial colony morphologies. Journal of Biophotonics, 2019, 12, e201900149.	2.3	6
7	A Portable Spark-Induced Breakdown Spectroscopic (SIBS) Instrument and its Analytical Performance. Applied Spectroscopy, 2019, 73, 698-708.	2.2	2
8	Exploring the Utility of 3-D-printed Laboratory Equipment. Applied Sciences (Switzerland), 2019, 9, 937.	2.5	2
9	Smartphone-based low light detection for bioluminescence application. Scientific Reports, 2017, 7, 40203.	3.3	65
10	Reflected scatterometry for noninvasive interrogation of bacterial colonies. Journal of Biomedical Optics, 2016, 21, 107004.	2.6	6
11	Scalar diffraction modeling of multispectral forward scatter patterns from bacterial colonies. Optics Express, 2015, 23, 8545.	3.4	11