

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