

Lanka Tata Rao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12142615/publications.pdf>

Version: 2024-02-01

10
papers

126
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance optimization of microfluidic paper fuel cell with varying cellulose fiber papers as absorbent pad. International Journal of Energy Research, 2020, 44, 3893-3904.	4.5	35
2	Microfluidic paper microbial fuel cell powered by <i>Shewanella putrefaciens</i> in IoT cloud framework. International Journal of Hydrogen Energy, 2021, 46, 3230-3239.	7.1	25
3	Automated pencil electrode formation platform to realize uniform and reproducible graphite electrodes on paper for microfluidic fuel cells. Scientific Reports, 2020, 10, 11675.	3.3	24
4	Statistical Performance Analysis and Robust Design of Paper Microfluidic Membraneless Fuel Cell With Pencil Graphite Electrodes. Journal of Electrochemical Energy Conversion and Storage, 2020, 17, .	2.1	15
5	Laser induced graphene electrodes enhanced with carbon nanotubes for membraneless microfluidic fuel cell. Sustainable Energy Technologies and Assessments, 2021, 45, 101176.	2.7	9
6	Development of Membraneless Paper Pencil Microfluidic Hydrazine Fuel Cell. Electroanalysis, 2020, 32, 2581-2588.	2.9	7
7	Parametric Performance Investigation on Membraneless Microfluidic Paper Fuel Cell with Graphite Composed Pencil Stroke Electrodes. International Journal of Precision Engineering and Manufacturing, 2021, 22, 177-187.	2.2	6
8	Paper-based optimized chemical fuel cell with laser-scribed graphene electrodes for energy harvesting. Microfluidics and Nanofluidics, 2021, 25, 1.	2.2	3
9	Optimization and Characterization of Laser-Induced Graphene Electrodes for Chemical Fuel Cell to Realize a Microfluidic Platform. , 2020, , .		1
10	Stacked Microfluidic Paper Ethanol Fuel Cell with a Variety of Rapidly Prototyped Electrodes: Optimization and Performance Investigation. Energy Technology, 0, , 2200073.	3.8	1