Lanka Tata Rao

List of Publications by Year
in descending order

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	Microfluidic paper microbial fuel cell powered by Shewanella putrefaciens in IoT cloud framework. International Journal of Hydrogen Energy, 2021, 46, 3230-3239.	7.1	25
2	Parametric Performance Investigation on Membraneless Microfluidic Paper Fuel Cell with Graphite Composed Pencil Stoke Electrodes. International Journal of Precision Engineering and Manufacturing, 2021, 22, 177-187.	2.2	6
3	Laser induced graphene electrodes enhanced with carbon nanotubes for membraneless microfluidic fuel cell. Sustainable Energy Technologies and Assessments, 2021, 45, 101176.	2.7	9
4	Paper-based optimized chemical fuel cell with laser-scribed graphene electrodes for energy harvesting. Microfluidics and Nanofluidics, 2021, 25, 1.	2.2	3
5	Development of Membraneless Paper–pencil Microfluidic Hydrazine Fuel Cell. Electroanalysis, 2020, 32, 2581-2588.	2.9	7
6	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
7	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
8	Optimization and Characterization of Laser-Induced Graphene Electrodes for Chemical Fuel Cell to Realize a Microfluidic Platform. , 2020, , .		1
9	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
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