

Md. Zahidul Islam

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

97
citations

2258059

3
h-index

2053705

5
g-index

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all docs

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docs citations

16
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of poly(divinylbenzene) microencapsulated octadecane by microsuspension polymerization: oil droplets generated by phase inversion emulsification. RSC Advances, 2013, 3, 10202.	3.6	45
2	Encapsulation of octadecane in poly(divinylbenzene-co-methyl methacrylate) using phase inversion emulsification for droplet generation. Journal of Macromolecular Science - Pure and Applied Chemistry, 2016, 53, 11-17.	2.2	21
3	AI-Based Edge-Intelligent Hypoglycemia Prediction System Using Alternate Learning and Inference Method for Blood Glucose Level Data with Low-periodicity. , 2019, , .		9
4	A Solar-Cell-Assisted, 99.66% Biofuel Cell Area Reduced, Biofuel-Cell-Powered Wireless Biosensing System in 65-nm CMOS for Continuous Glucose Monitoring Contact Lenses. , 2019, , .		7
5	Liâ€air battery and ORR activity of nanocarbons produced with good synthesis rate by solution plasma process. Materials Advances, 2021, 2, 2636-2641.	5.4	5
6	A Needle-type Complementary Metal Oxide Semiconductor-compatible Glucose Fuel Cell Fabricated by Carbon Nanohorns for Biomedical Applications. Electrochemistry, 2020, 88, 333-335.	1.4	3
7	LC-Voltage-Controlled-Oscillator-Based Biosensor in 180-nm CMOS Process Targeting $\hat{\Gamma}^2$ -Dispersion for Detecting Exosomes. , 2019, , .		1
8	A 2.1-nW Burst-Pulse-Counting Supply Voltage Monitor for Biofuel-Cell-Combined Biosensing Systems in 180-nm CMOS. , 2019, , .		1
9	A 40-GHz Fully-Integrated CMOS-Based Biosensor Circuit with an On-Chip Vector Network Analyzer for Circulating Tumor Cells Analysis. , 2019, , .		1
10	Structure and properties of nanocarbons-encapsulated WC synthesized by solution plasma process in palm oils. Materials Express, 2021, 11, 1602-1607.	0.5	1
11	High electrical conductivity and oxidation reduction reaction activity of tungsten carbide/carbon nanocomposite synthesized from palm oil by solution plasma process. Materials Express, 2021, 11, 1587-1593.	0.5	1
12	A 72-nW 440-mV Time Register Using Stacked-NMOS-Switched Gated Delay Cell in Biomedical Applications. , 2020, , .		1
13	Biomedical Application Via Implantable Devices By CMOS-Compatible Glucose Fuel Cells Using Carbon Nano Horn. ECS Transactions, 2020, 97, 311-319.	0.5	1
14	Verification of Inductive-Coupling-Based CMOS Biosensor Focusing on Dielectric Loss of $\text{\$}\eta\text{\$}$ -Dispersion for Detecting Exosomes Through Electromagnetic Simulation. , 2019, , .		0
15	A simple gate driver design for GaN-based switching devices with improved surge voltage and switching loss at 1 MHz operation. Japanese Journal of Applied Physics, 2021, 60, SAAD02.	1.5	0
16	Widely Tunable CMOS-Based Biosensor With an Active-Inductor-Based VCO for Detecting CTCs and Exosomes. , 2020, , .		0