

Md. Zahidul Islam

List of Publications by Year in descending order

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16
papers

97
citations

2258059

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2053705

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docs citations

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times ranked

97
citing authors

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